

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051424\
 Data File : P0103779.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2024 04:01
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 05:40:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 07 04:55:35 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.450	3.584	390.2E6	130.0E6	50.706	51.604
2)	SA Decachlor...	10.207	8.540	278.6E6	64633422	58.781	49.684
Target Compounds							
3)	L1 AR-1016-1	5.618	4.679	123.0E6	58372548	505.666	743.903 #
4)	L1 AR-1016-2	5.642	4.679	178.3E6	58372548	514.702	487.354
5)	L1 AR-1016-3	5.704	4.853	113.4E6	32671183	546.774	488.869
6)	L1 AR-1016-4	5.802	4.894	93441786	21716609	548.110	472.573
7)	L1 AR-1016-5	6.096	5.106	86827441	34278185	548.114	548.997
8)	L2 AR-1221-1	4.655	3.797	14429687	4017335	162.566	130.450
9)	L2 AR-1221-2	4.745	3.882	20029521	6874991	297.566	282.663
10)	L2 AR-1221-3	4.821	3.958	67324937	24279021	335.184	338.755
11)	L3 AR-1232-1	4.821	3.958	67324937	24279021	405.431	407.649
12)	L3 AR-1232-2	5.352	4.679	90758194	58372548	1063.080	1018.364
13)	L3 AR-1232-3	5.642	4.853	178.3E6	32671183	1088.127	1055.094
14)	L3 AR-1232-4	5.802	4.937	93441786	30239878	1184.567	1177.322
15)	L3 AR-1232-5	5.891	5.106	78495366	34278185	1388.362	1233.454
16)	L4 AR-1242-1	5.618	4.679	123.0E6	58372548	600.869	882.980 #
17)	L4 AR-1242-2	5.642	4.679	178.3E6	58372548	612.009	586.411
18)	L4 AR-1242-3	5.704	4.853	113.4E6	32671183	654.085	596.941
19)	L4 AR-1242-4	5.802	4.937	93441786	30239878	650.525	608.757
20)	L4 AR-1242-5	6.537	5.454	36931724	32438104	257.927	530.610 #
21)	L5 AR-1248-1	5.618	4.661	123.0E6	37776166	801.194	748.667
22)	L5 AR-1248-2	5.891	4.894	78495366	21716609	381.630	329.662
23)	L5 AR-1248-3	6.096	4.937	86827441	30239878	385.540	417.742
24)	L5 AR-1248-4	6.498	5.106	33416570	34278185	129.856	405.581 #
25)	L5 AR-1248-5	6.537	5.493	36931724	12743375	151.587	145.125
26)	L6 AR-1254-1	6.472	5.454	77405332	32438104	314.330	266.139
27)	L6 AR-1254-2	6.690	5.600	67192442	27799400	185.644	263.246 #
28)	L6 AR-1254-3	7.055	6.014	33632300	38488861	92.384	223.945 #
29)	L6 AR-1254-4	7.340	6.225	26571647	3976363	93.743	38.584 #
30)	L6 AR-1254-5	7.756	6.639	187.8E6	65895519	704.753	477.572 #
31)	L7 AR-1260-1	7.220	6.129	145.6E6	52795580	556.886	499.664
32)	L7 AR-1260-2	7.475	6.314	180.1E6	60731193	553.203	485.202
33)	L7 AR-1260-3	7.834	6.467	137.4E6	56827254	554.184	481.150
34)	L7 AR-1260-4	8.059	6.935	130.5E6	43497178	535.441	487.420
35)	L7 AR-1260-5	8.380	7.175	299.5E6	102.2E6	551.552	493.260
36)	L8 AR-1262-1	7.756	6.639	187.8E6	65895519	815.659	859.426
37)	L8 AR-1262-2	8.380	6.935	299.5E6	43497178	461.401	369.111
38)	L8 AR-1262-3	8.707	7.457	182.4E6	21800164	425.479	241.278 #
39)	L8 AR-1262-4	8.767	7.520	119.2E6	69930314	354.602	418.588
40)	L8 AR-1262-5	9.445	8.010	86503936	24029606	364.783	333.076
41)	L9 AR-1268-1	8.707	7.457	182.4E6	21800164	234.540	84.693 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2024 04:01
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

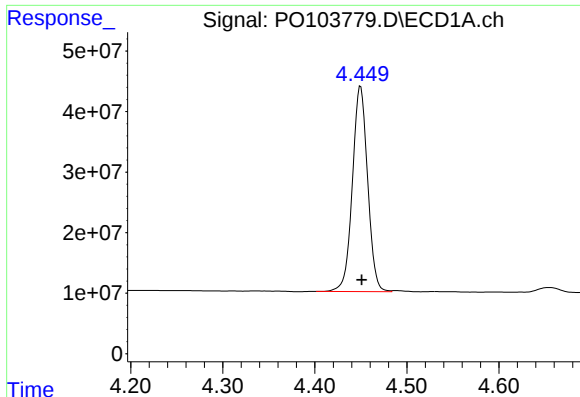
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 05:40:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 07 04:55:35 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.767	7.520	119.2E6	69930314	166.726	280.029 #
43) L9	AR-1268-3	9.021	7.727	3632990	1026615	5.771	5.106
44) L9	AR-1268-4	9.445	8.293	86503936	5949736	341.185	10.980 #
45) L9	AR-1268-5	9.864	8.540	20683986	64633422	10.689	277.702 #

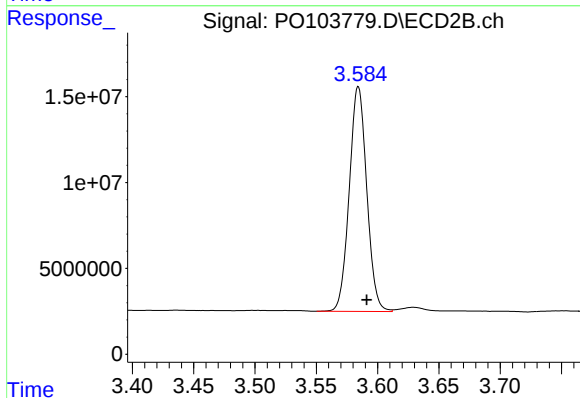
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

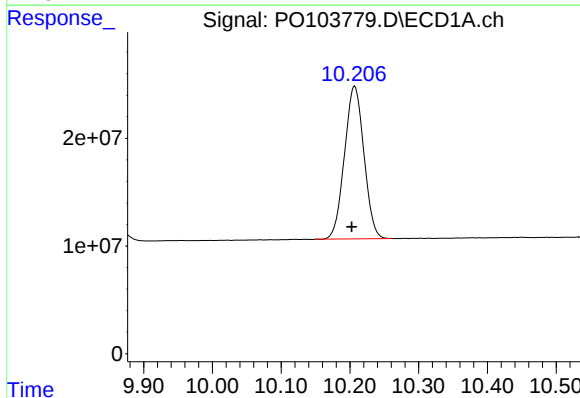
R.T.: 4.450 min
Delta R.T.: -0.001 min
Response: 390220023
Conc: 50.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



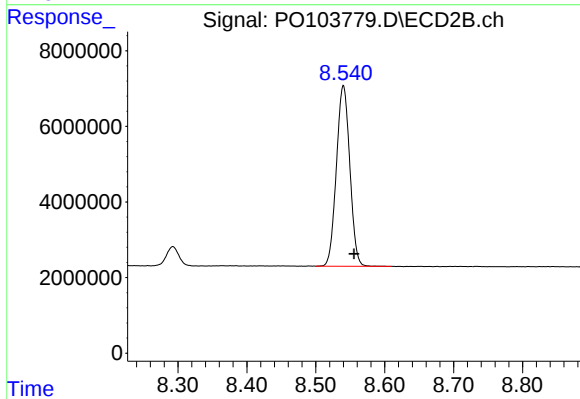
#1 Tetrachloro-m-xylene

R.T.: 3.584 min
Delta R.T.: -0.007 min
Response: 130000566
Conc: 51.60 ng/ml



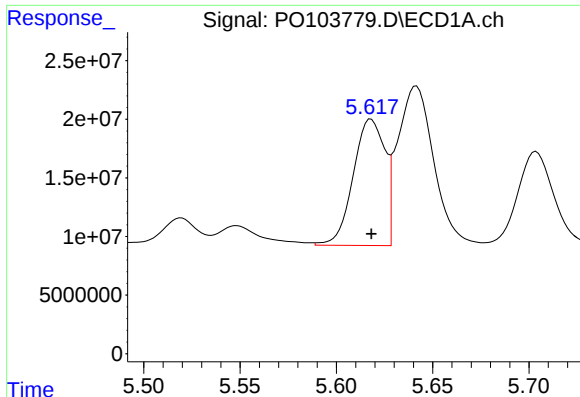
#2 Decachlorobiphenyl

R.T.: 10.207 min
Delta R.T.: 0.004 min
Response: 278638145
Conc: 58.78 ng/ml



#2 Decachlorobiphenyl

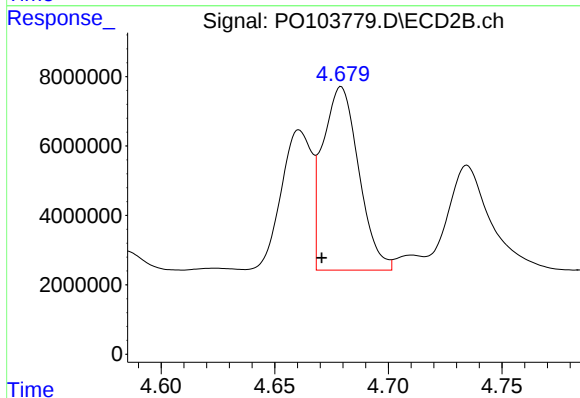
R.T.: 8.540 min
Delta R.T.: -0.016 min
Response: 64633422
Conc: 49.68 ng/ml



#3 AR-1016-1

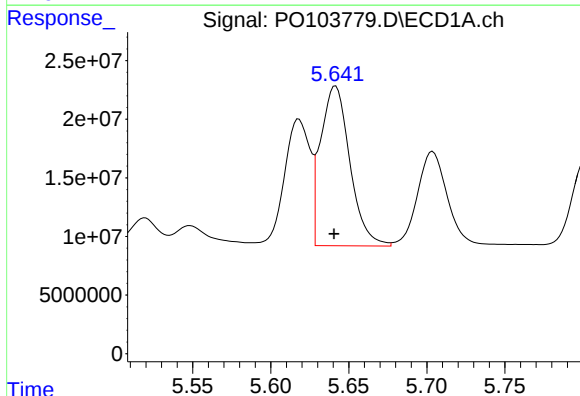
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 122953699
Conc: 505.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



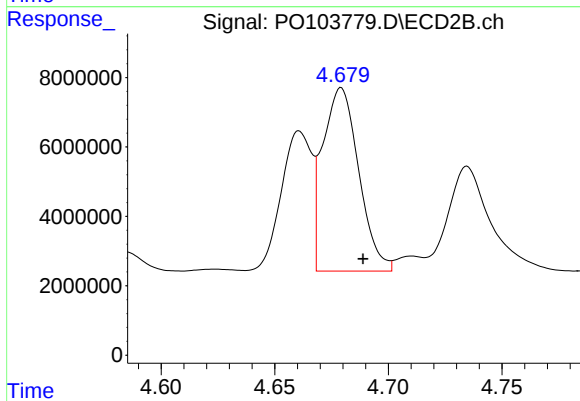
#3 AR-1016-1

R.T.: 4.679 min
Delta R.T.: 0.009 min
Response: 58372548
Conc: 743.90 ng/ml



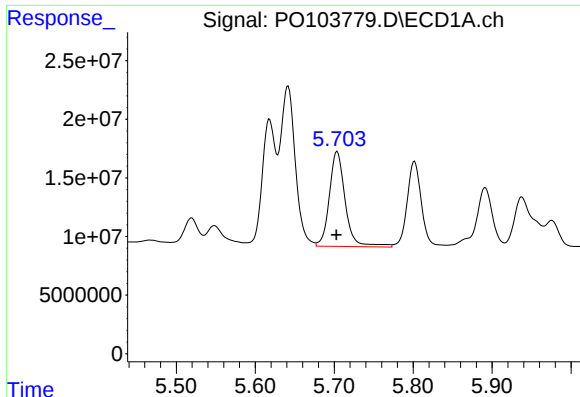
#4 AR-1016-2

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 178279392
Conc: 514.70 ng/ml



#4 AR-1016-2

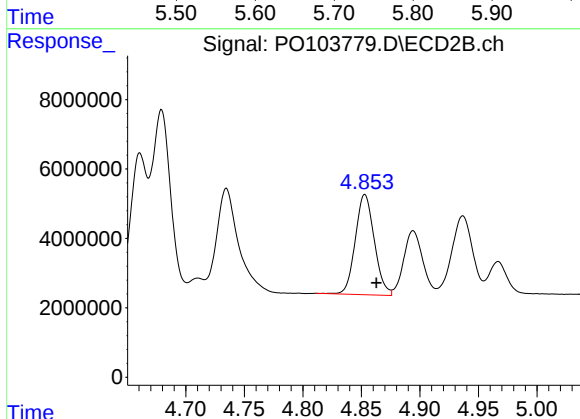
R.T.: 4.679 min
Delta R.T.: -0.010 min
Response: 58372548
Conc: 487.35 ng/ml



#5 AR-1016-3

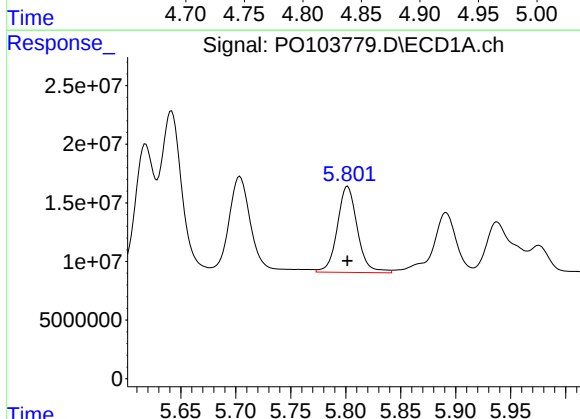
R.T.: 5.704 min
Delta R.T.: 0.001 min
Response: 113375586
Conc: 546.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



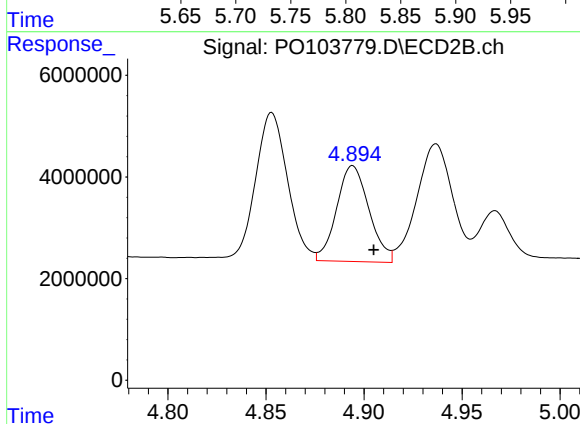
#5 AR-1016-3

R.T.: 4.853 min
Delta R.T.: -0.010 min
Response: 32671183
Conc: 488.87 ng/ml



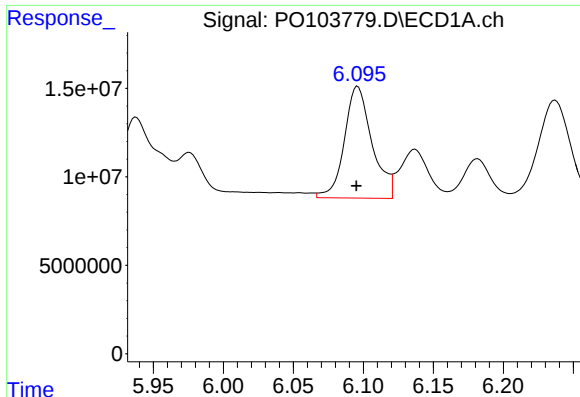
#6 AR-1016-4

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 93441786
Conc: 548.11 ng/ml



#6 AR-1016-4

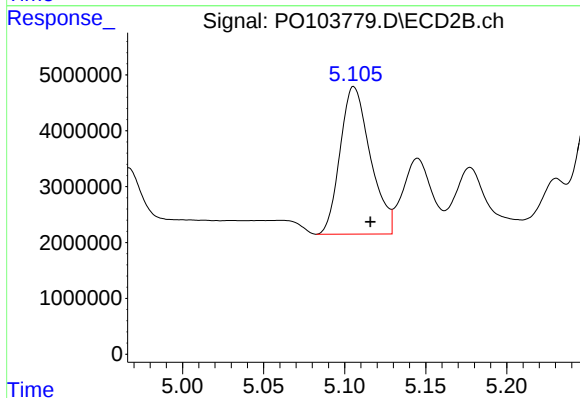
R.T.: 4.894 min
Delta R.T.: -0.011 min
Response: 21716609
Conc: 472.57 ng/ml



#7 AR-1016-5

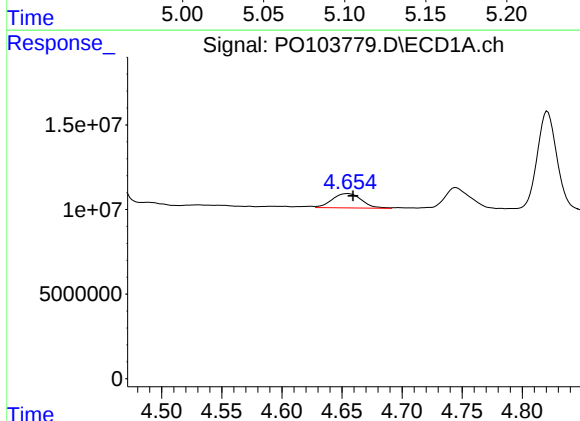
R.T.: 6.096 min
Delta R.T.: 0.001 min
Response: 86827441
Conc: 548.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



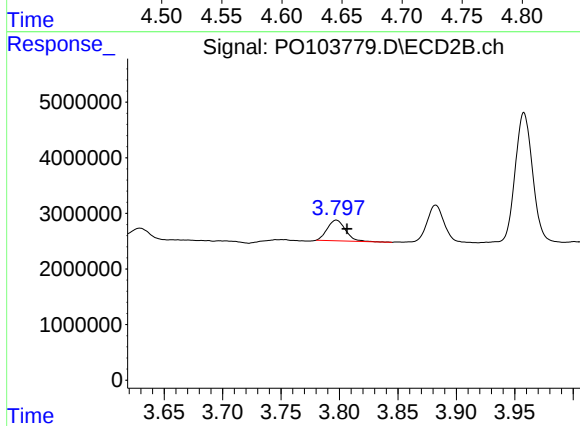
#7 AR-1016-5

R.T.: 5.106 min
Delta R.T.: -0.010 min
Response: 34278185
Conc: 549.00 ng/ml



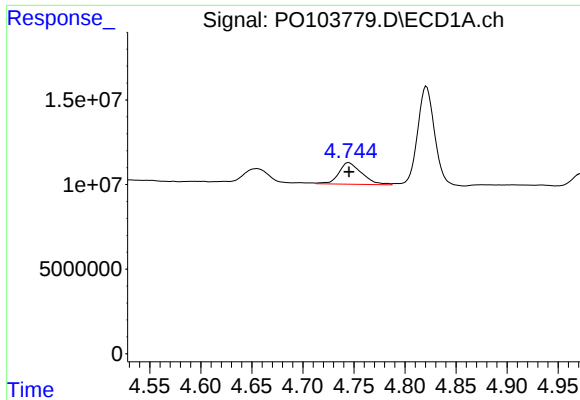
#8 AR-1221-1

R.T.: 4.655 min
Delta R.T.: -0.004 min
Response: 14429687
Conc: 162.57 ng/ml



#8 AR-1221-1

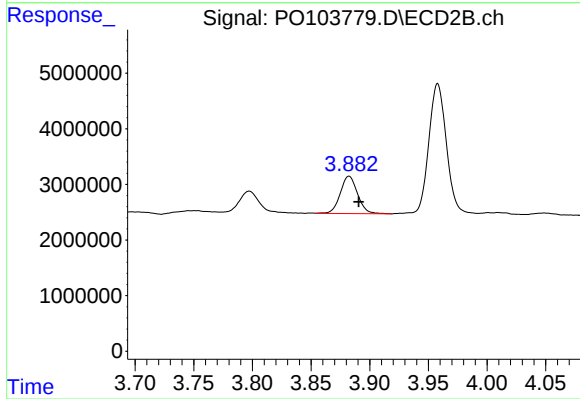
R.T.: 3.797 min
Delta R.T.: -0.009 min
Response: 4017335
Conc: 130.45 ng/ml



#9 AR-1221-2

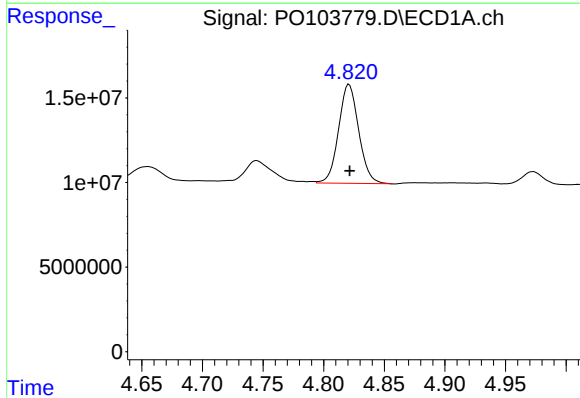
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 20029521
Conc: 297.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



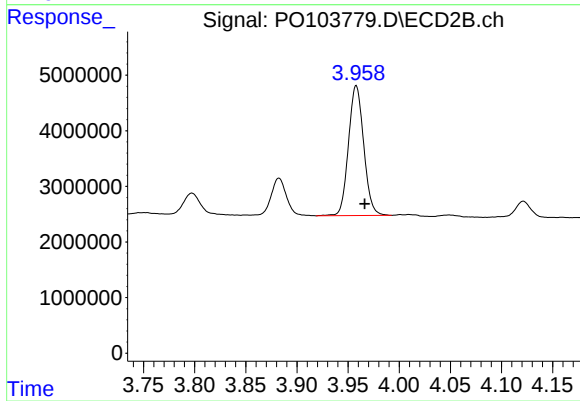
#9 AR-1221-2

R.T.: 3.882 min
Delta R.T.: -0.008 min
Response: 6874991
Conc: 282.66 ng/ml



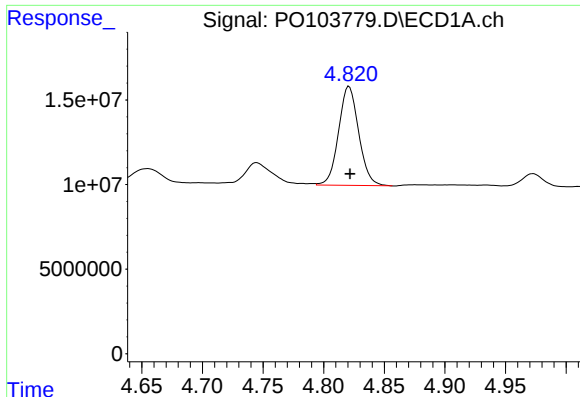
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 67324937
Conc: 335.18 ng/ml



#10 AR-1221-3

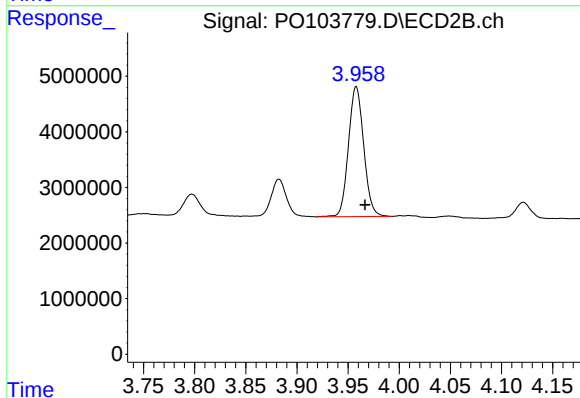
R.T.: 3.958 min
Delta R.T.: -0.008 min
Response: 24279021
Conc: 338.75 ng/ml



#11 AR-1232-1

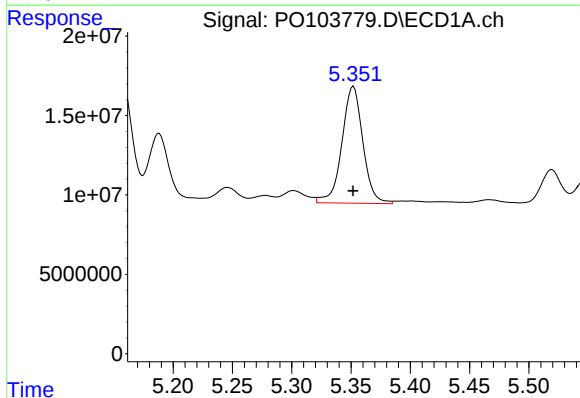
R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 67324937
Conc: 405.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



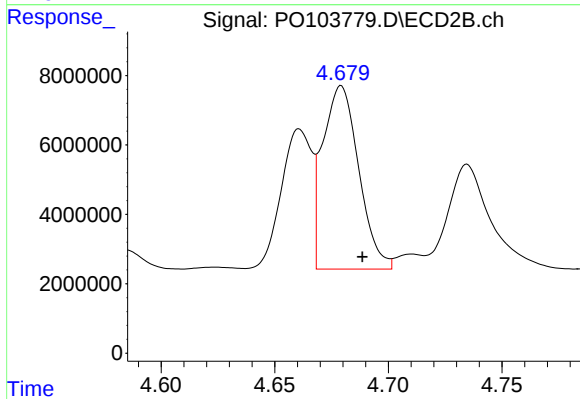
#11 AR-1232-1

R.T.: 3.958 min
Delta R.T.: -0.009 min
Response: 24279021
Conc: 407.65 ng/ml



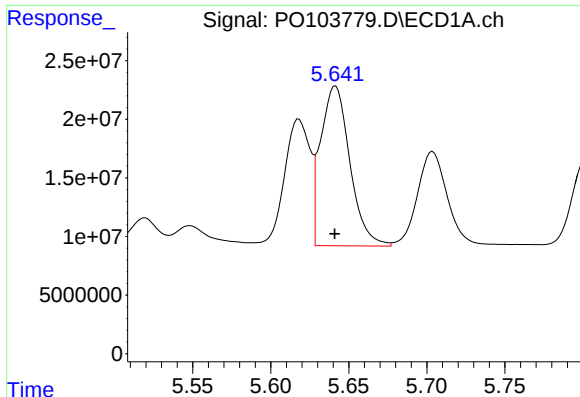
#12 AR-1232-2

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 90758194
Conc: 1063.08 ng/ml



#12 AR-1232-2

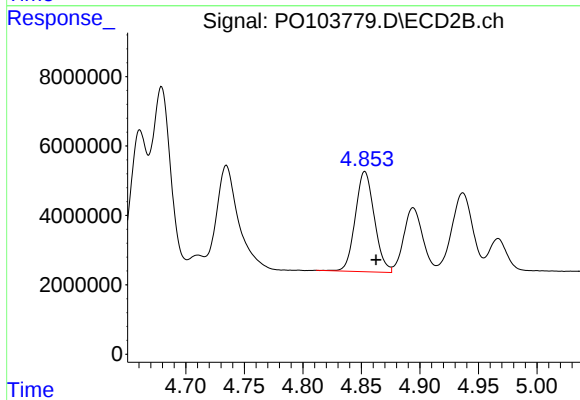
R.T.: 4.679 min
Delta R.T.: -0.009 min
Response: 58372548
Conc: 1018.36 ng/ml



#13 AR-1232-3

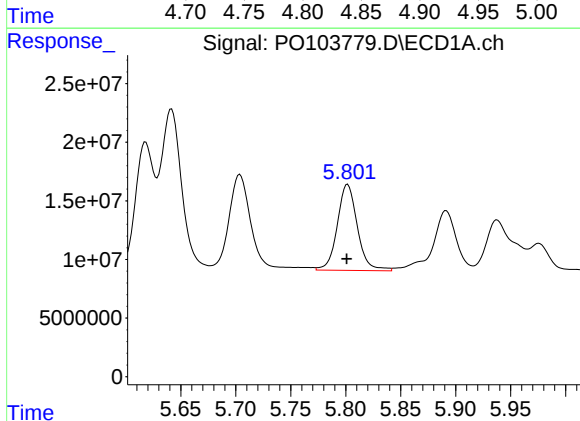
R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 178279392
Conc: 1088.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



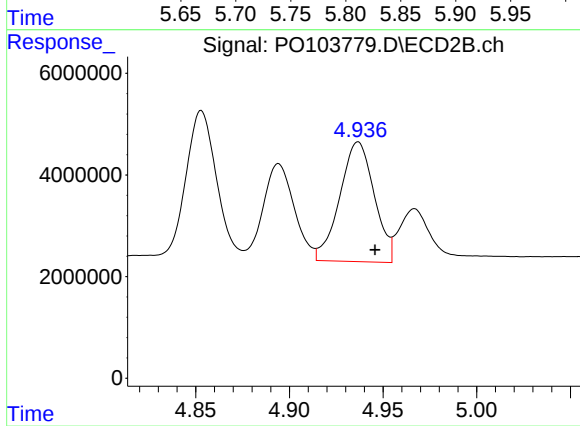
#13 AR-1232-3

R.T.: 4.853 min
Delta R.T.: -0.009 min
Response: 32671183
Conc: 1055.09 ng/ml



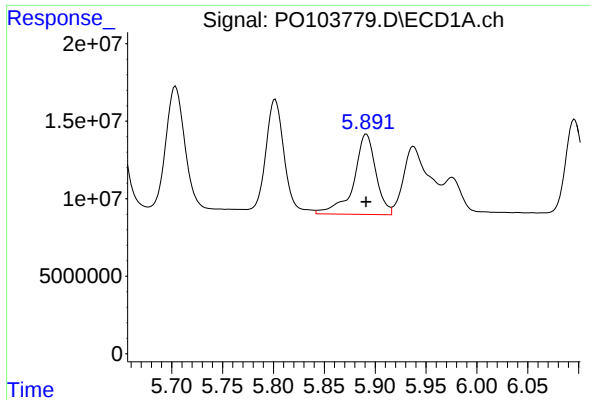
#14 AR-1232-4

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 93441786
Conc: 1184.57 ng/ml



#14 AR-1232-4

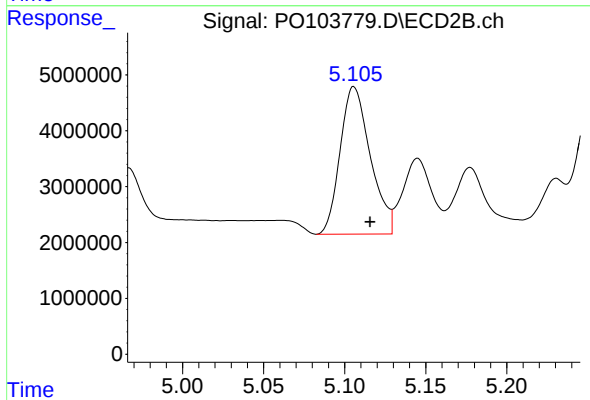
R.T.: 4.937 min
Delta R.T.: -0.009 min
Response: 30239878
Conc: 1177.32 ng/ml



#15 AR-1232-5

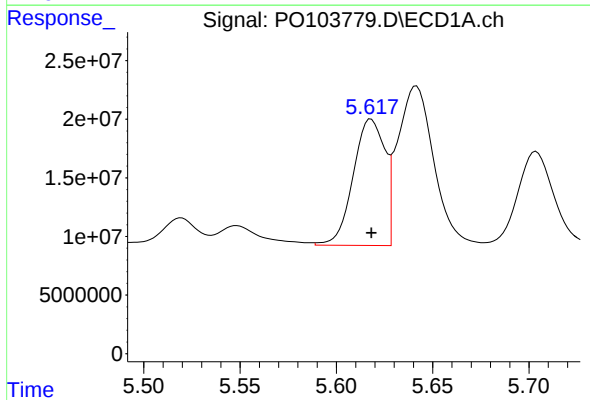
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 78495366
Conc: 1388.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



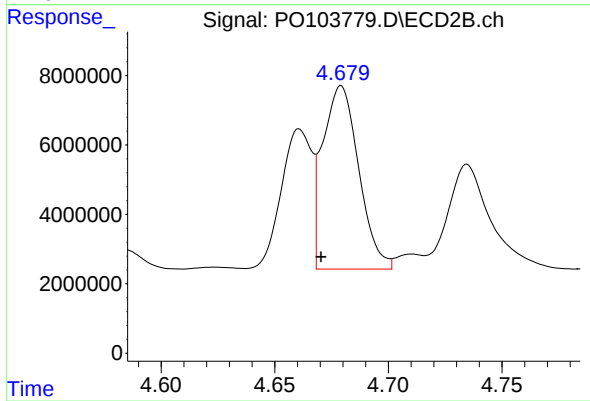
#15 AR-1232-5

R.T.: 5.106 min
Delta R.T.: -0.010 min
Response: 34278185
Conc: 1233.45 ng/ml



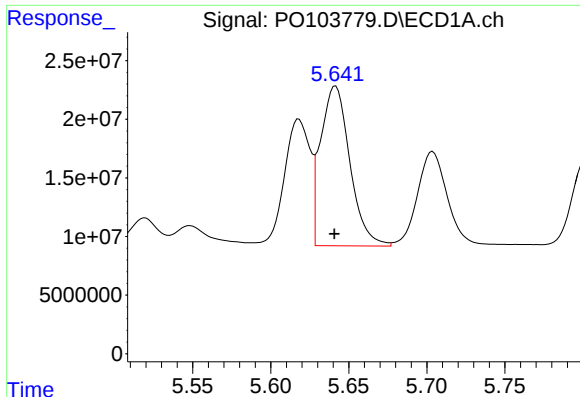
#16 AR-1242-1

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 122953699
Conc: 600.87 ng/ml



#16 AR-1242-1

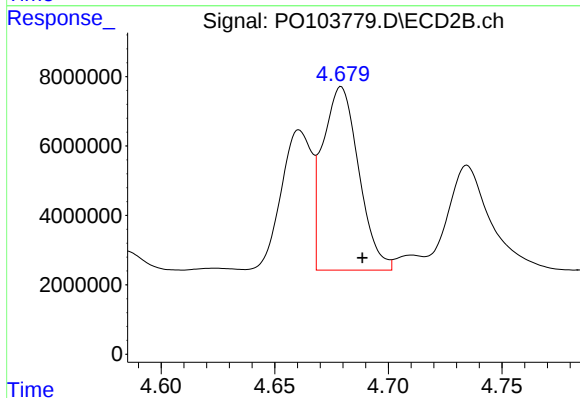
R.T.: 4.679 min
Delta R.T.: 0.009 min
Response: 58372548
Conc: 882.98 ng/ml



#17 AR-1242-2

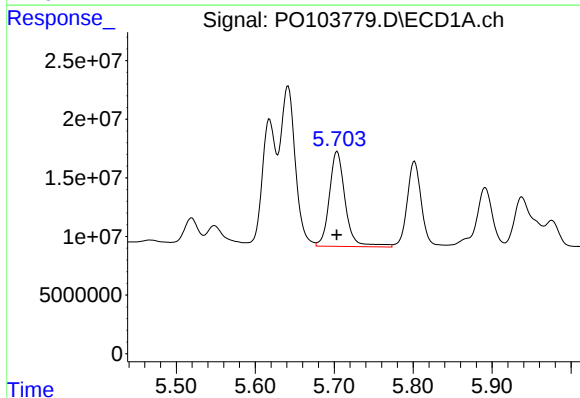
R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 178279392
Conc: 612.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



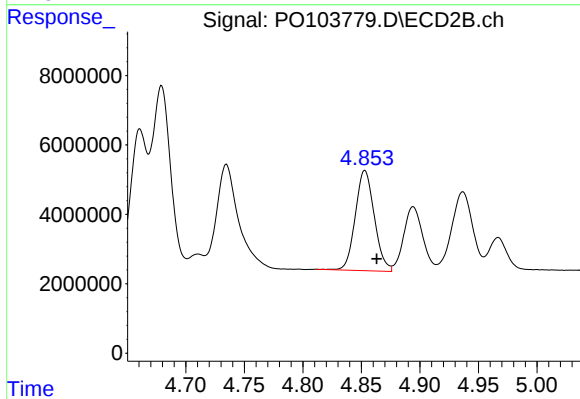
#17 AR-1242-2

R.T.: 4.679 min
Delta R.T.: -0.009 min
Response: 58372548
Conc: 586.41 ng/ml



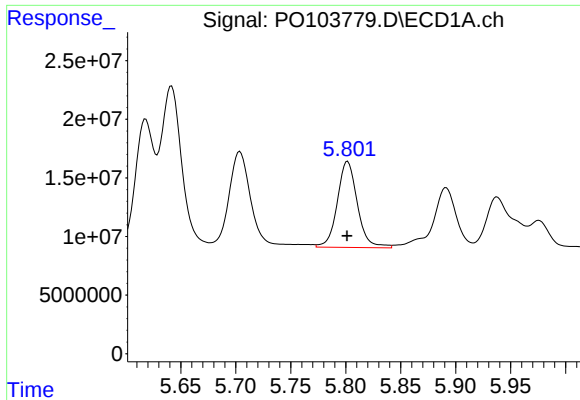
#18 AR-1242-3

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 113375586
Conc: 654.08 ng/ml



#18 AR-1242-3

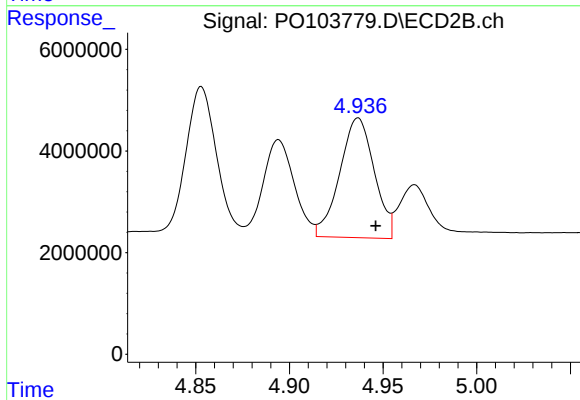
R.T.: 4.853 min
Delta R.T.: -0.010 min
Response: 32671183
Conc: 596.94 ng/ml



#19 AR-1242-4

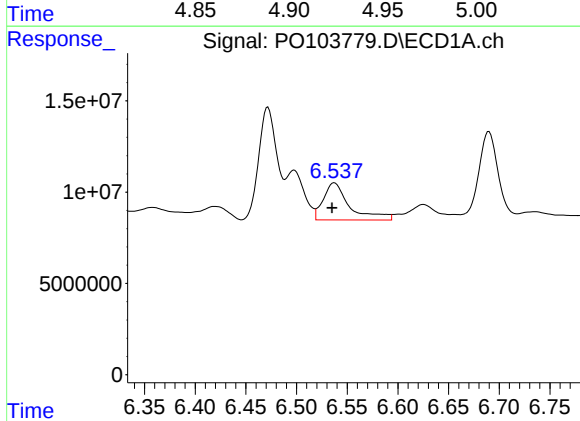
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 93441786
Conc: 650.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



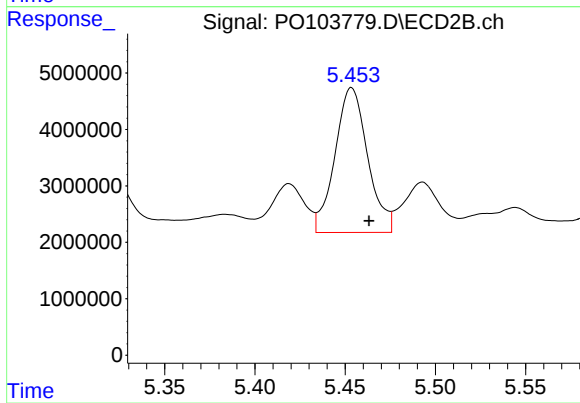
#19 AR-1242-4

R.T.: 4.937 min
Delta R.T.: -0.009 min
Response: 30239878
Conc: 608.76 ng/ml



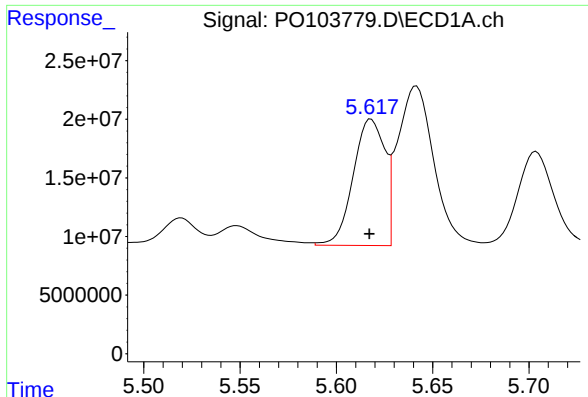
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.002 min
Response: 36931724
Conc: 257.93 ng/ml



#20 AR-1242-5

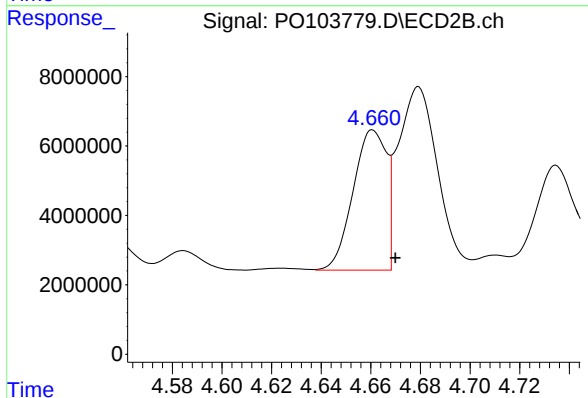
R.T.: 5.454 min
Delta R.T.: -0.010 min
Response: 32438104
Conc: 530.61 ng/ml



#21 AR-1248-1

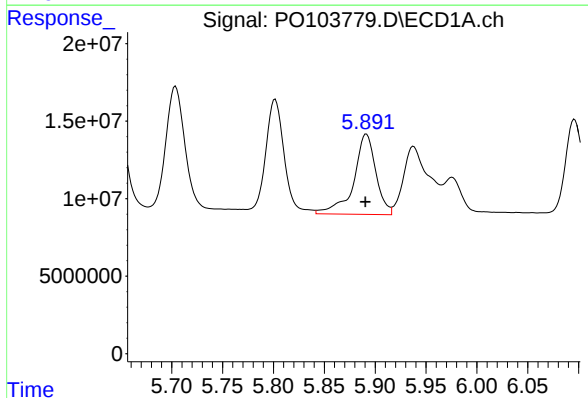
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 122953699
Conc: 801.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



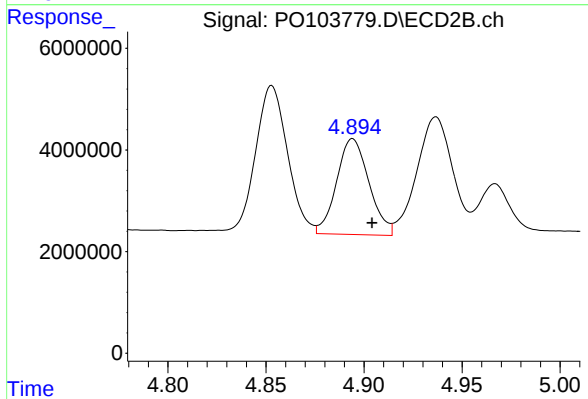
#21 AR-1248-1

R.T.: 4.661 min
Delta R.T.: -0.009 min
Response: 37776166
Conc: 748.67 ng/ml



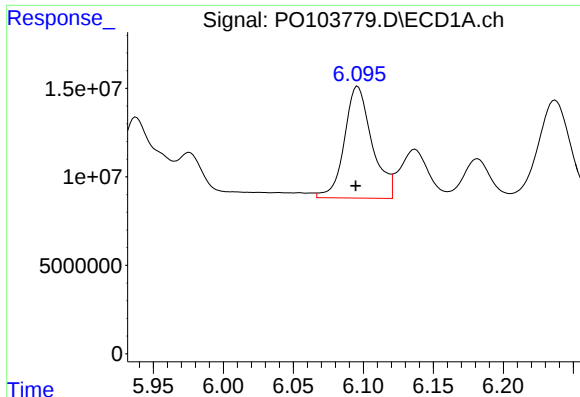
#22 AR-1248-2

R.T.: 5.891 min
Delta R.T.: 0.001 min
Response: 78495366
Conc: 381.63 ng/ml



#22 AR-1248-2

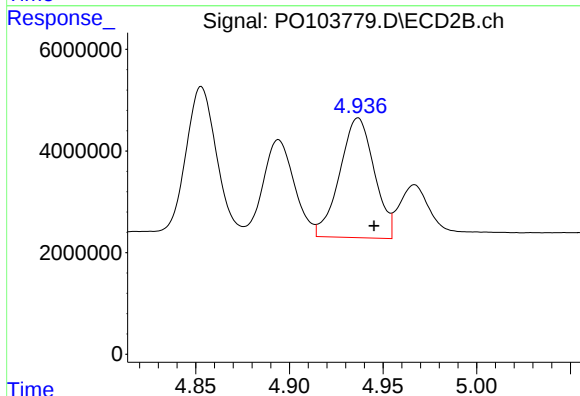
R.T.: 4.894 min
Delta R.T.: -0.010 min
Response: 21716609
Conc: 329.66 ng/ml



#23 AR-1248-3

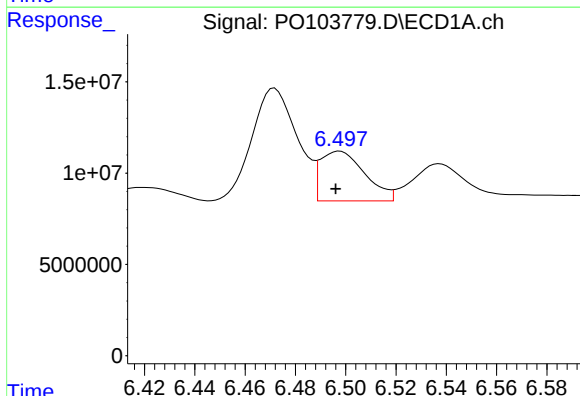
R.T.: 6.096 min
Delta R.T.: 0.001 min
Response: 86827441
Conc: 385.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



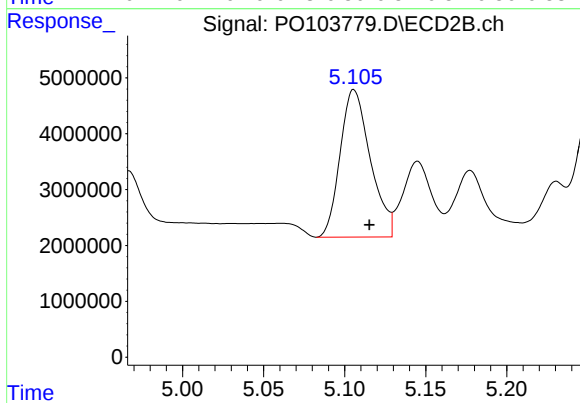
#23 AR-1248-3

R.T.: 4.937 min
Delta R.T.: -0.008 min
Response: 30239878
Conc: 417.74 ng/ml



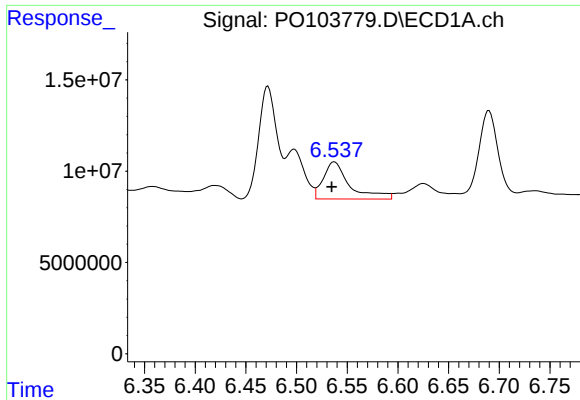
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.002 min
Response: 33416570
Conc: 129.86 ng/ml



#24 AR-1248-4

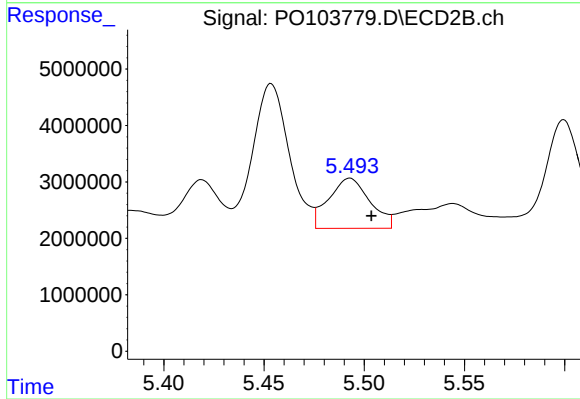
R.T.: 5.106 min
Delta R.T.: -0.010 min
Response: 34278185
Conc: 405.58 ng/ml



#25 AR-1248-5

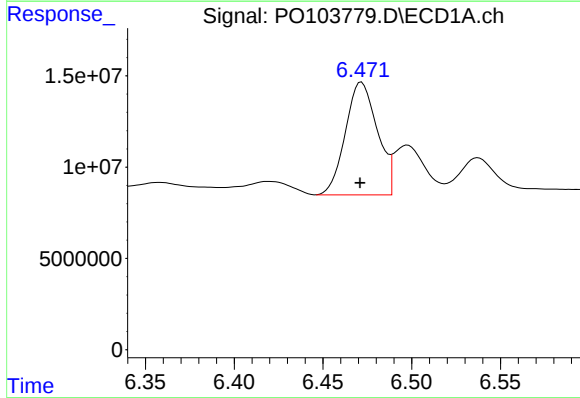
R.T.: 6.537 min
Delta R.T.: 0.003 min
Response: 36931724
Conc: 151.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



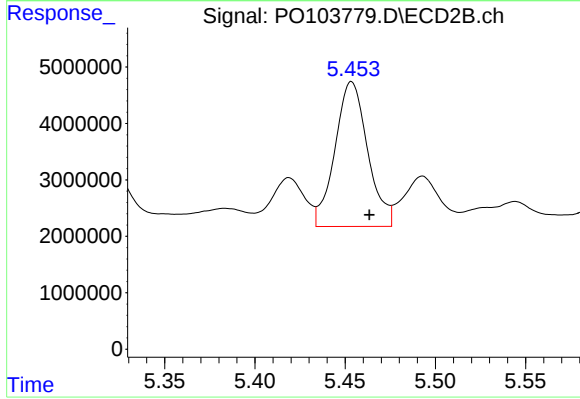
#25 AR-1248-5

R.T.: 5.493 min
Delta R.T.: -0.011 min
Response: 12743375
Conc: 145.13 ng/ml



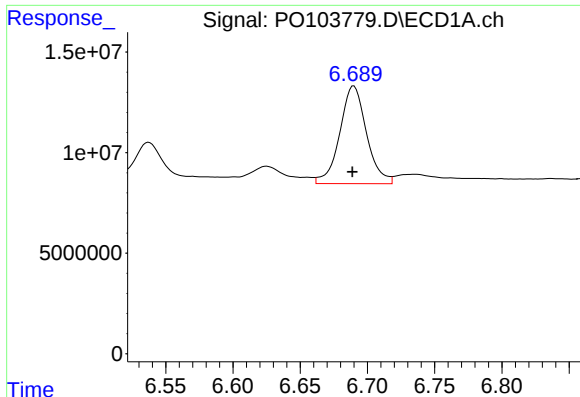
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 77405332
Conc: 314.33 ng/ml



#26 AR-1254-1

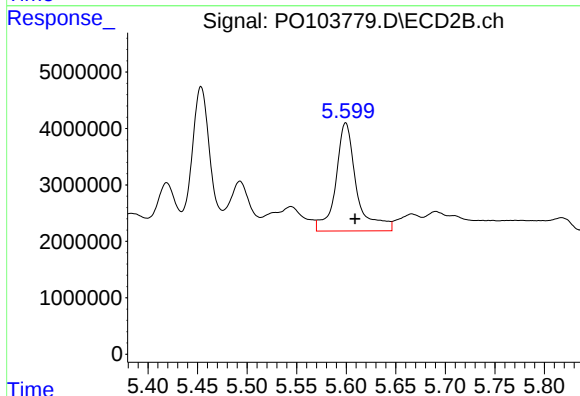
R.T.: 5.454 min
Delta R.T.: -0.010 min
Response: 32438104
Conc: 266.14 ng/ml



#27 AR-1254-2

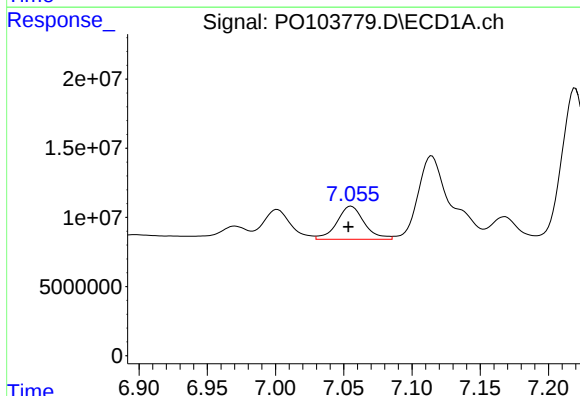
R.T.: 6.690 min
Delta R.T.: 0.001 min
Response: 67192442
Conc: 185.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



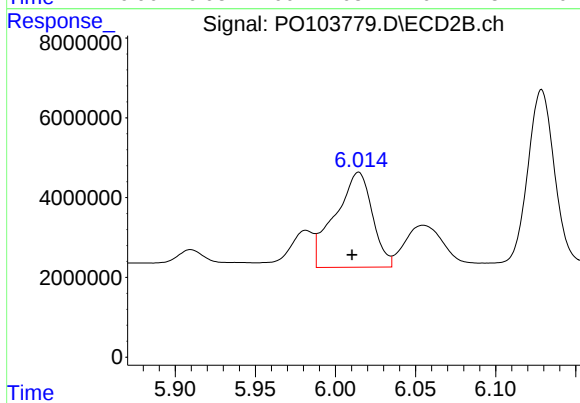
#27 AR-1254-2

R.T.: 5.600 min
Delta R.T.: -0.010 min
Response: 27799400
Conc: 263.25 ng/ml



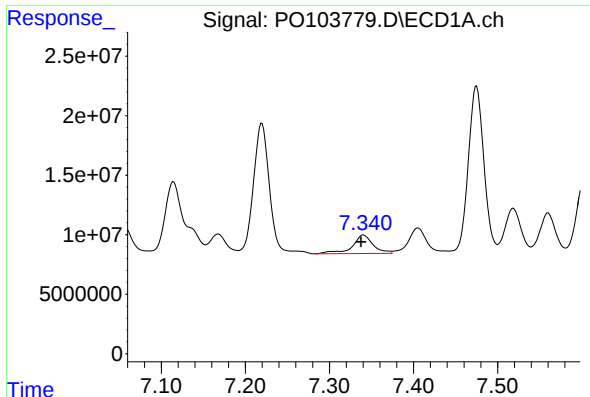
#28 AR-1254-3

R.T.: 7.055 min
Delta R.T.: 0.002 min
Response: 33632300
Conc: 92.38 ng/ml



#28 AR-1254-3

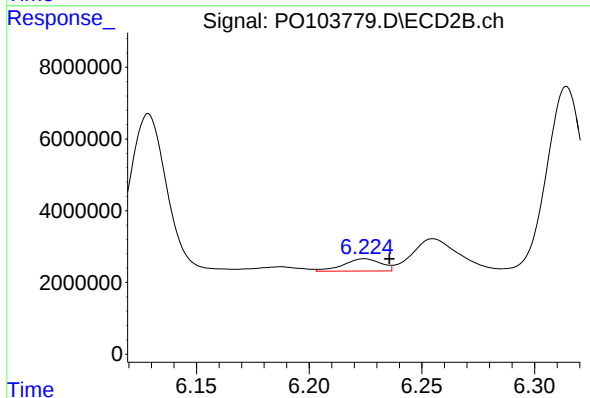
R.T.: 6.014 min
Delta R.T.: 0.004 min
Response: 38488861
Conc: 223.94 ng/ml



#29 AR-1254-4

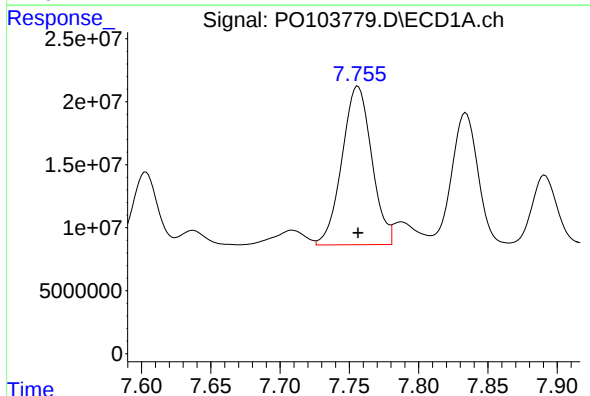
R.T.: 7.340 min
Delta R.T.: 0.003 min
Response: 26571647
Conc: 93.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



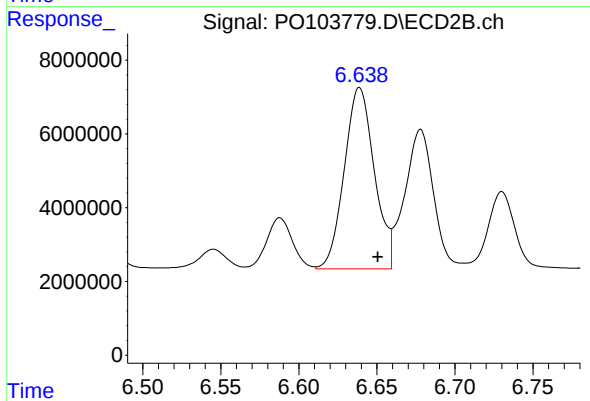
#29 AR-1254-4

R.T.: 6.225 min
Delta R.T.: -0.011 min
Response: 3976363
Conc: 38.58 ng/ml



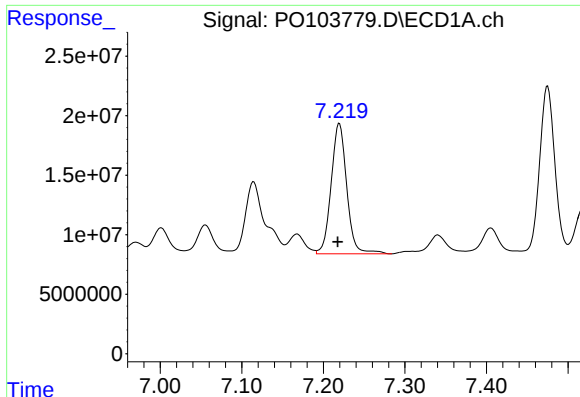
#30 AR-1254-5

R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 187809535
Conc: 704.75 ng/ml



#30 AR-1254-5

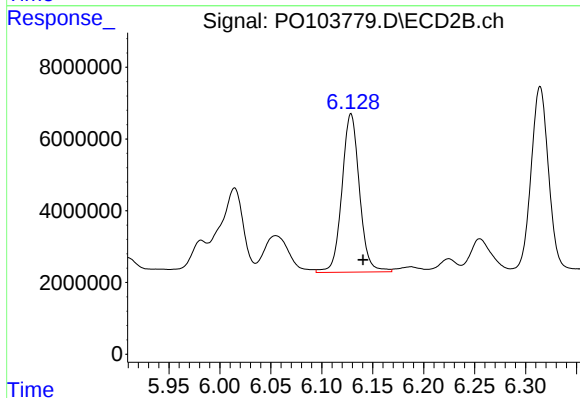
R.T.: 6.639 min
Delta R.T.: -0.012 min
Response: 65895519
Conc: 477.57 ng/ml



#31 AR-1260-1

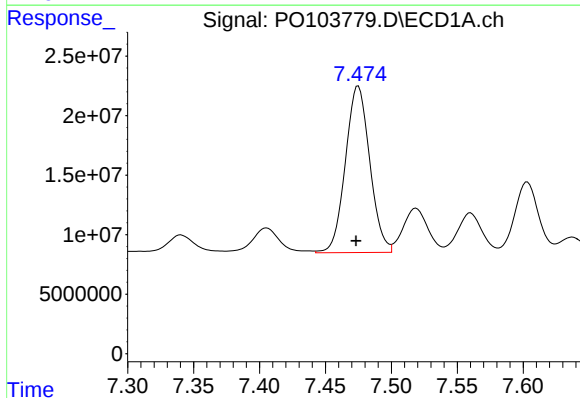
R.T.: 7.220 min
Delta R.T.: 0.002 min
Response: 145633423
Conc: 556.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



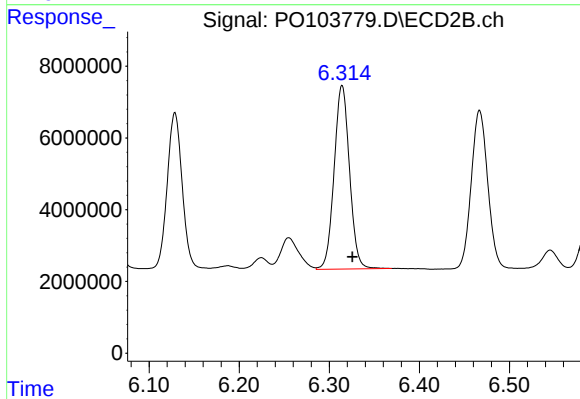
#31 AR-1260-1

R.T.: 6.129 min
Delta R.T.: -0.012 min
Response: 52795580
Conc: 499.66 ng/ml



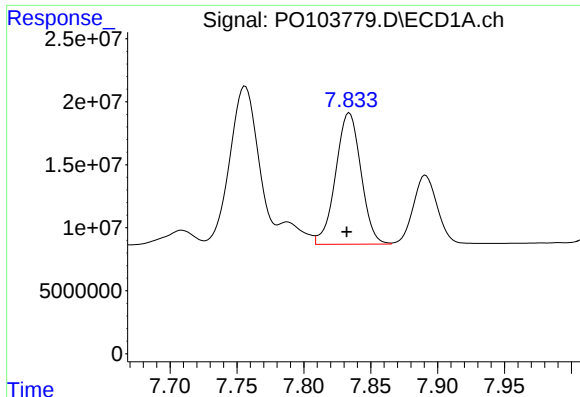
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: 0.002 min
Response: 180135845
Conc: 553.20 ng/ml



#32 AR-1260-2

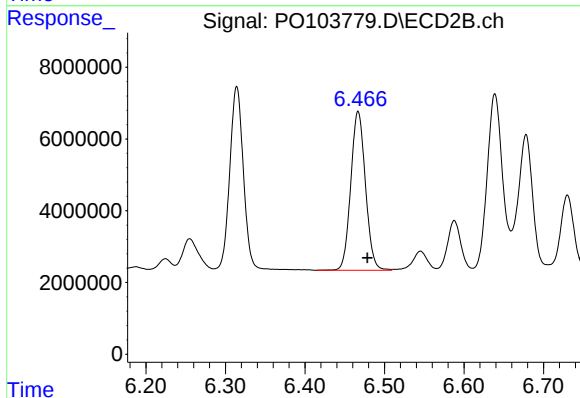
R.T.: 6.314 min
Delta R.T.: -0.011 min
Response: 60731193
Conc: 485.20 ng/ml



#33 AR-1260-3

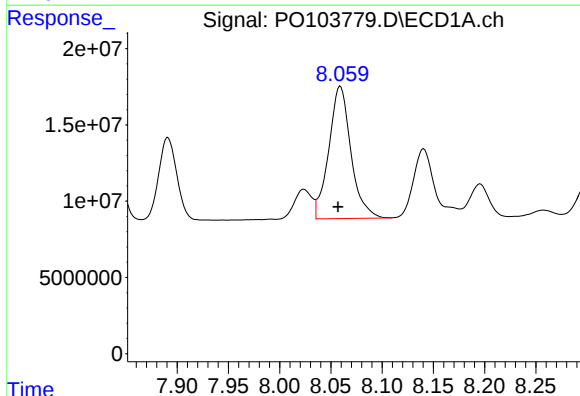
R.T.: 7.834 min
Delta R.T.: 0.002 min
Response: 137387977
Conc: 554.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



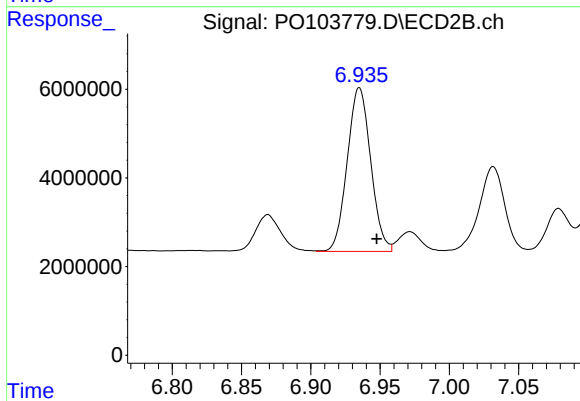
#33 AR-1260-3

R.T.: 6.467 min
Delta R.T.: -0.012 min
Response: 56827254
Conc: 481.15 ng/ml



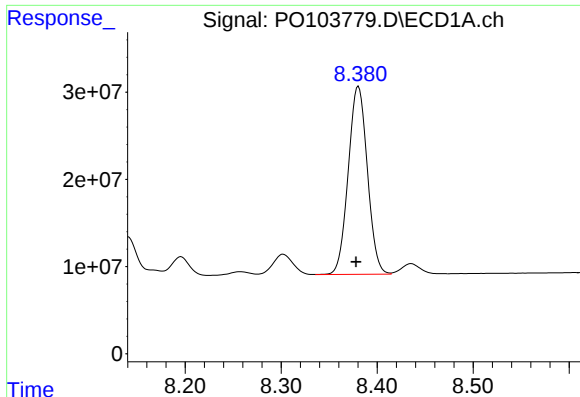
#34 AR-1260-4

R.T.: 8.059 min
Delta R.T.: 0.002 min
Response: 130479783
Conc: 535.44 ng/ml



#34 AR-1260-4

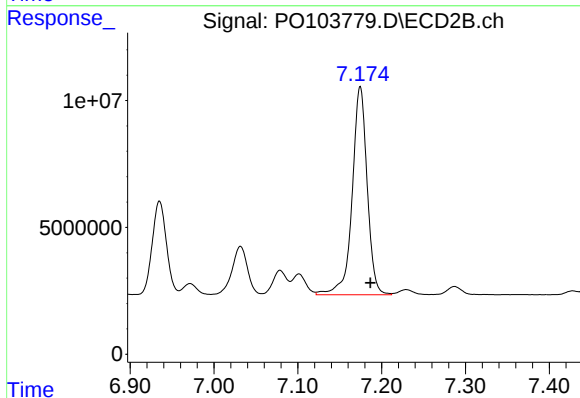
R.T.: 6.935 min
Delta R.T.: -0.013 min
Response: 43497178
Conc: 487.42 ng/ml



#35 AR-1260-5

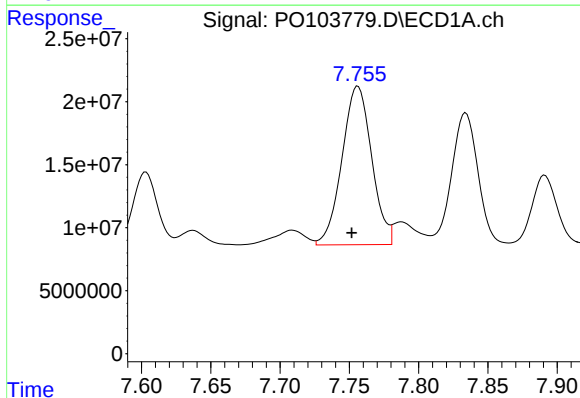
R.T.: 8.380 min
Delta R.T.: 0.003 min
Response: 299530272
Conc: 551.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



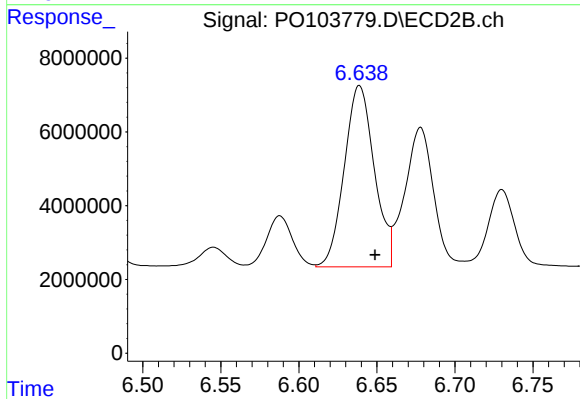
#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: -0.012 min
Response: 102177788
Conc: 493.26 ng/ml



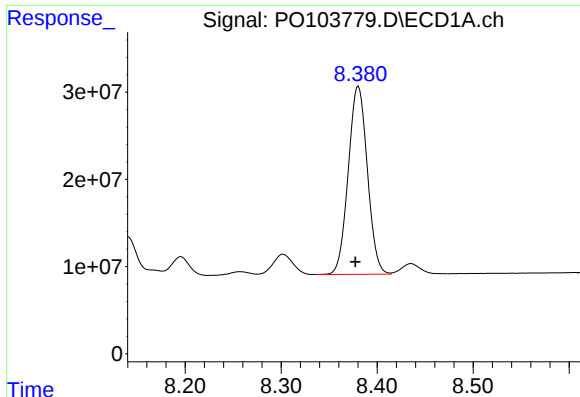
#36 AR-1262-1

R.T.: 7.756 min
Delta R.T.: 0.005 min
Response: 187809535
Conc: 815.66 ng/ml



#36 AR-1262-1

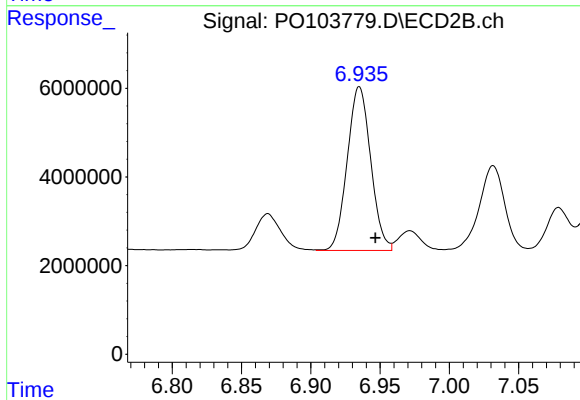
R.T.: 6.639 min
Delta R.T.: -0.010 min
Response: 65895519
Conc: 859.43 ng/ml



#37 AR-1262-2

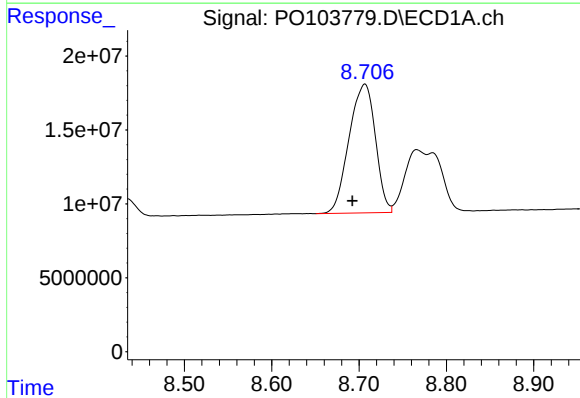
R.T.: 8.380 min
Delta R.T.: 0.003 min
Response: 299530272
Conc: 461.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



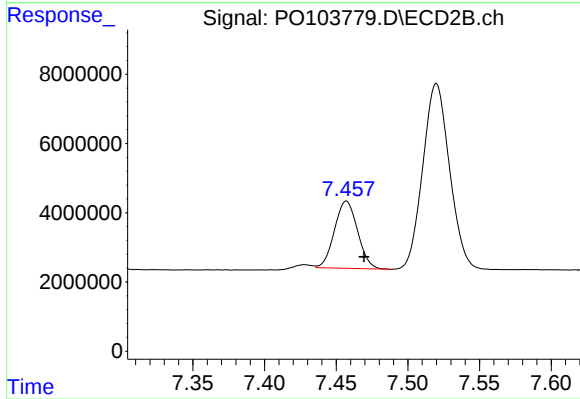
#37 AR-1262-2

R.T.: 6.935 min
Delta R.T.: -0.012 min
Response: 43497178
Conc: 369.11 ng/ml



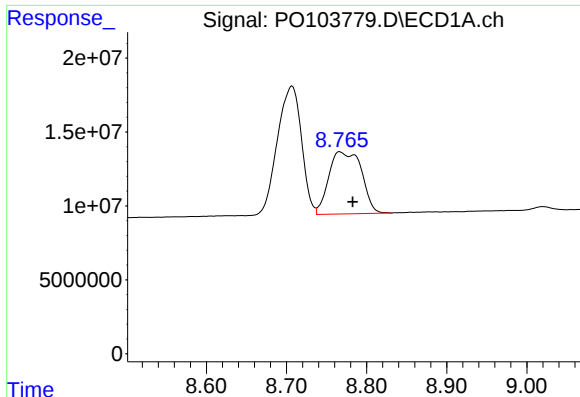
#38 AR-1262-3

R.T.: 8.707 min
Delta R.T.: 0.015 min
Response: 182400945
Conc: 425.48 ng/ml



#38 AR-1262-3

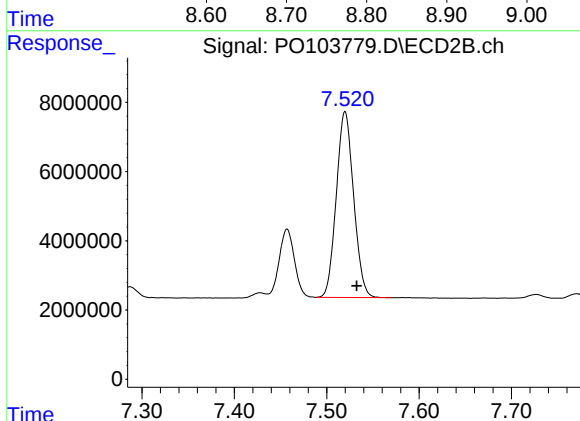
R.T.: 7.457 min
Delta R.T.: -0.012 min
Response: 21800164
Conc: 241.28 ng/ml



#39 AR-1262-4

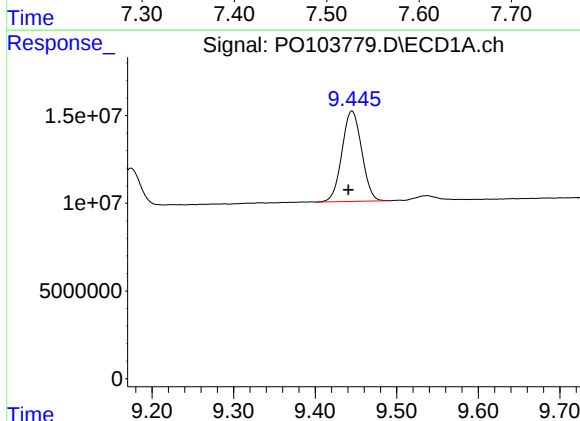
R.T.: 8.767 min
Delta R.T.: -0.016 min
Response: 119160191
Conc: 354.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



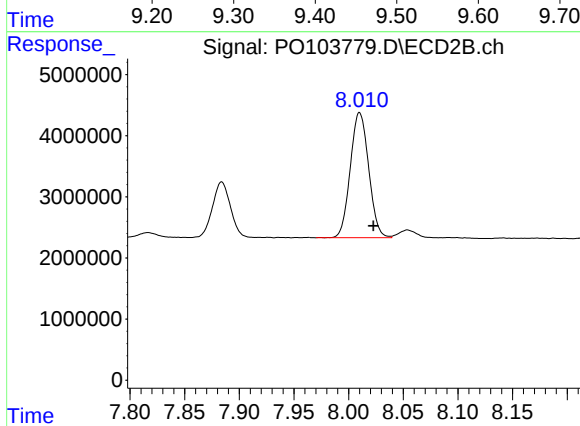
#39 AR-1262-4

R.T.: 7.520 min
Delta R.T.: -0.013 min
Response: 69930314
Conc: 418.59 ng/ml



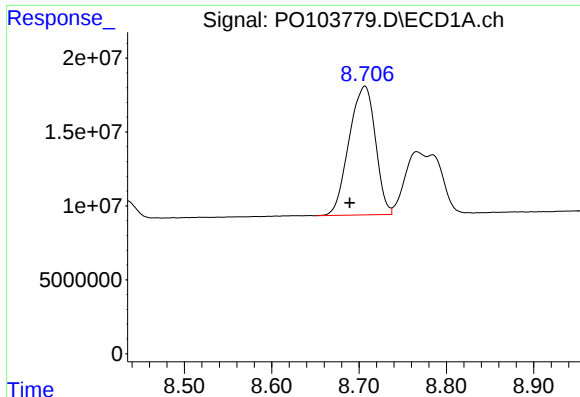
#40 AR-1262-5

R.T.: 9.445 min
Delta R.T.: 0.005 min
Response: 86503936
Conc: 364.78 ng/ml



#40 AR-1262-5

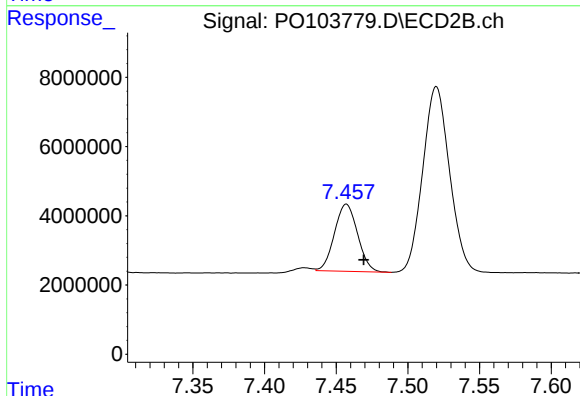
R.T.: 8.010 min
Delta R.T.: -0.013 min
Response: 24029606
Conc: 333.08 ng/ml



#41 AR-1268-1

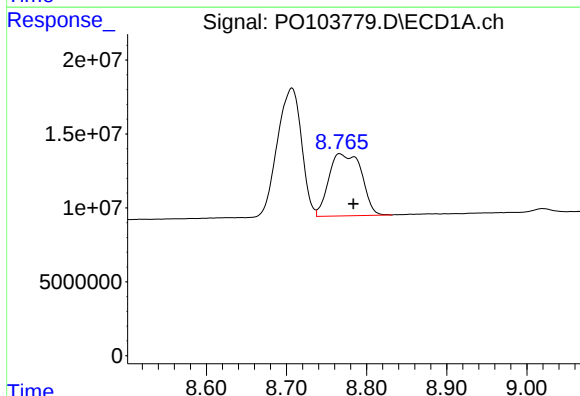
R.T.: 8.707 min
Delta R.T.: 0.018 min
Response: 182400945
Conc: 234.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



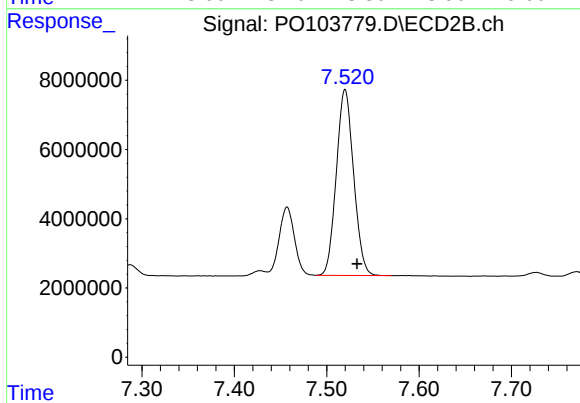
#41 AR-1268-1

R.T.: 7.457 min
Delta R.T.: -0.012 min
Response: 21800164
Conc: 84.69 ng/ml



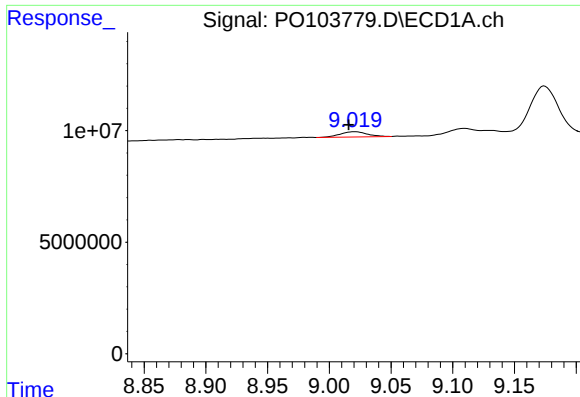
#42 AR-1268-2

R.T.: 8.767 min
Delta R.T.: -0.017 min
Response: 119160191
Conc: 166.73 ng/ml



#42 AR-1268-2

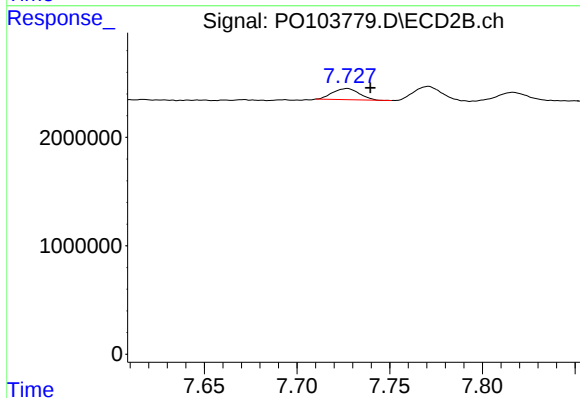
R.T.: 7.520 min
Delta R.T.: -0.013 min
Response: 69930314
Conc: 280.03 ng/ml



#43 AR-1268-3

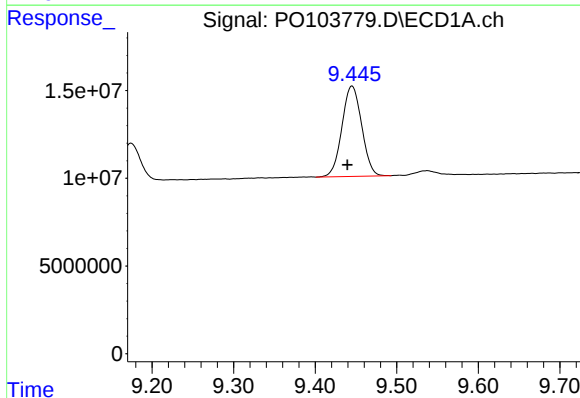
R.T.: 9.021 min
Delta R.T.: 0.005 min
Response: 3632990
Conc: 5.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



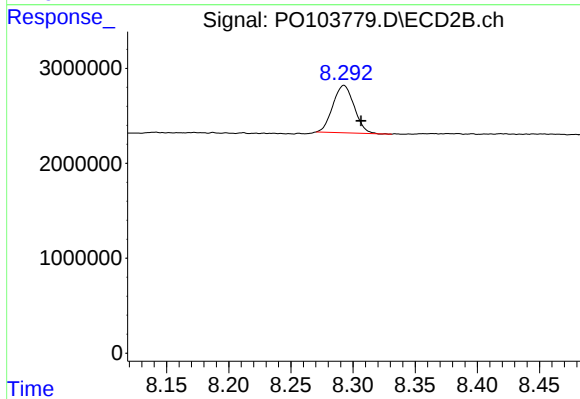
#43 AR-1268-3

R.T.: 7.727 min
Delta R.T.: -0.013 min
Response: 1026615
Conc: 5.11 ng/ml



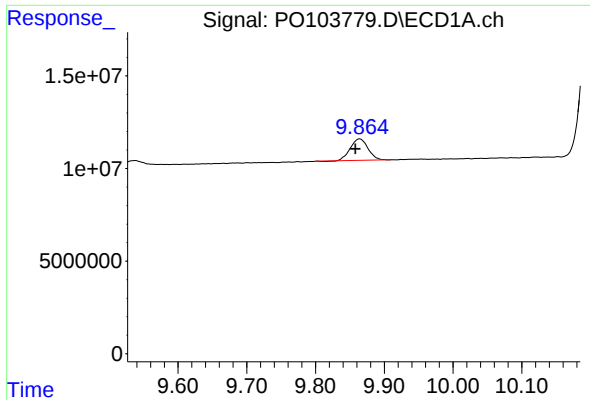
#44 AR-1268-4

R.T.: 9.445 min
Delta R.T.: 0.006 min
Response: 86503936
Conc: 341.18 ng/ml



#44 AR-1268-4

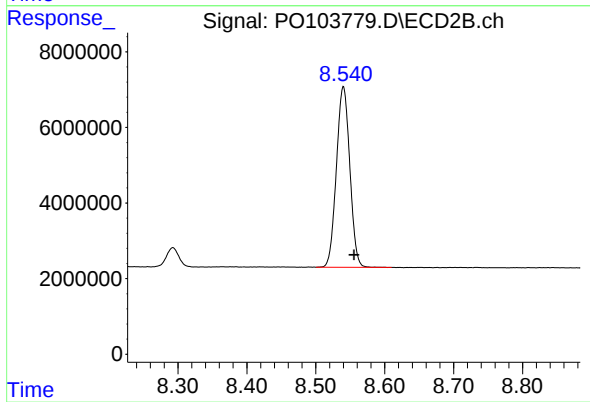
R.T.: 8.293 min
Delta R.T.: -0.014 min
Response: 5949736
Conc: 10.98 ng/ml



#45 AR-1268-5

R.T.: 9.864 min
Delta R.T.: 0.006 min
Response: 20683986
Conc: 10.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.540 min
Delta R.T.: -0.015 min
Response: 64633422
Conc: 277.70 ng/ml