

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012225\
 Data File : P0109041-1.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2025 02:42
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 03:16:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 2025
 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...	3.700	3.697	364.3E6	271.9E6	48.210	50.726
2)	SA Decachlor...	8.758	8.710	291.5E6	153.3E6	42.081	44.568
Target Compounds							
3)	L1 AR-1016-1	4.794	4.800	4167608	2384466	16.519	14.726
4)	L1 AR-1016-2	4.813	4.832	3216940	1635107	9.328	6.863 #
5)	L1 AR-1016-3	4.869	5.017	2548866	48296757	10.441	370.437 #
6)	L1 AR-1016-4	4.992	5.059	2041187	28924248	10.696	261.714 #
7)	L1 AR-1016-5	5.249	5.272	71262006	21637988	341.356	150.742 #
8)	L2 AR-1221-1	3.912	3.906	642843	167913	6.422	2.564 #
9)	L2 AR-1221-2	4.002	3.996	6434543	4245179	86.477	85.956
10)	L2 AR-1221-3	4.076	4.070	1535859	894213	7.383	6.160
11)	L3 AR-1232-1	4.076	4.070	1535859	894213	9.301	7.742
12)	L3 AR-1232-2	4.571	4.800	1545189	2384466	16.984	21.893 #
13)	L3 AR-1232-3	4.813	4.977	3216940	3787262	20.087	63.156 #
14)	L3 AR-1232-4	4.992	5.059	2041187	28924248	23.195	505.122 #
15)	L3 AR-1232-5	5.031	5.231	56574264	55128550	872.814	908.633
16)	L4 AR-1242-1	4.794	4.781	4167608	3255057	19.618	22.777
17)	L4 AR-1242-2	4.813	4.800	3216940	2384466	11.220	12.091
18)	L4 AR-1242-3	4.869	4.977	2548866	3787262	12.451	34.732 #
19)	L4 AR-1242-4	4.992	5.059	2041187	28924248	12.848	254.517 #
20)	L4 AR-1242-5	5.644	5.583	36181826	164.0E6	216.617	1198.692 #
21)	L5 AR-1248-1	4.794	4.781	4167608	3255057	26.118	30.330
22)	L5 AR-1248-2	5.031	5.017	56574264	48296757	253.141	313.663
23)	L5 AR-1248-3	5.249	5.059	71262006	28924248	260.213	174.902 #
24)	L5 AR-1248-4	5.604	5.231	219.7E6	55128550	571.332	287.869 #
25)	L5 AR-1248-5	5.644	5.623	36181826	30749107	136.191	167.834
26)	L6 AR-1254-1	5.604	5.583	219.7E6	164.0E6	531.287	583.333
27)	L6 AR-1254-2	5.752	5.731	180.8E6	142.3E6	499.600	568.477
28)	L6 AR-1254-3	6.159	6.134	266.6E6	207.5E6	472.625	528.284
29)	L6 AR-1254-4	6.388	6.361	160.1E6	117.0E6	464.597	531.029
30)	L6 AR-1254-5	6.809	6.779	233.6E6	164.5E6	455.346	503.483
31)	L7 AR-1260-1	6.291	6.265	131.8E6	107.8E6	345.665	427.855
32)	L7 AR-1260-2	6.478	6.452	112.4E6	83117259	239.317	276.317
33)	L7 AR-1260-3	6.878	6.604	19590315	80672139	50.031	289.785 #
34)	L7 AR-1260-4	7.107	7.113	13815633	39357046	38.596	174.415 #
35)	L7 AR-1260-5	7.348	7.347	30311288	6755119	36.319	13.492 #
36)	L8 AR-1262-1	6.878	6.848	19590315	14414360	36.685	42.351
37)	L8 AR-1262-2	7.348	7.316	30311288	18517992	32.966	33.390
38)	L8 AR-1262-3	7.648	7.612	28057955	16547390	76.962	77.165
39)	L8 AR-1262-4	7.695	7.661	36341259	23195668	52.850	59.189
40)	L8 AR-1262-5	8.195	8.156	1233038	566343	4.081	3.552
41)	L9 AR-1268-1	7.648	7.612	28057955	16547390	26.353	26.286

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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

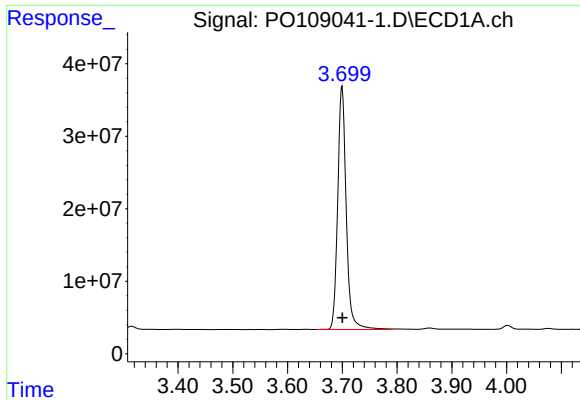
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 03:16:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
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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	7.695	7.661	36341259	23195668	37.500	40.614
43) L9	AR-1268-3	7.906	7.871	691126	758853	0.858	1.648 #
44) L9	AR-1268-4	8.195	8.156	1233038	566343	3.599	3.137
45) L9	AR-1268-5	8.494	8.451	2454369	1207361	1.026	1.009

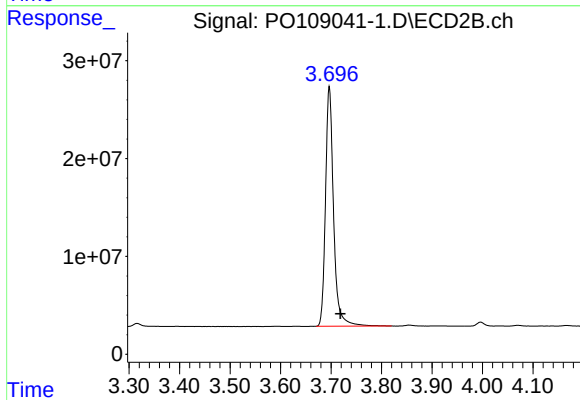
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

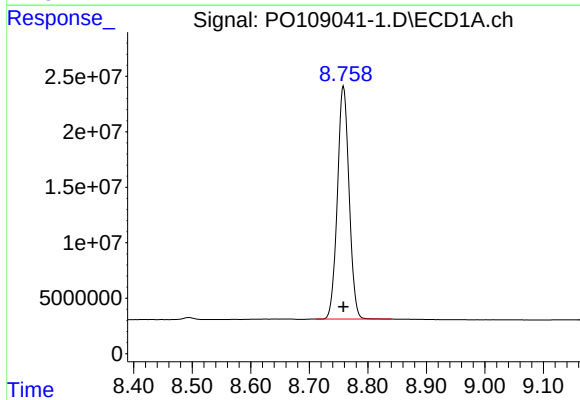
R.T.: 3.700 min
Delta R.T.: 0.000 min
Response: 364292959
Conc: 48.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



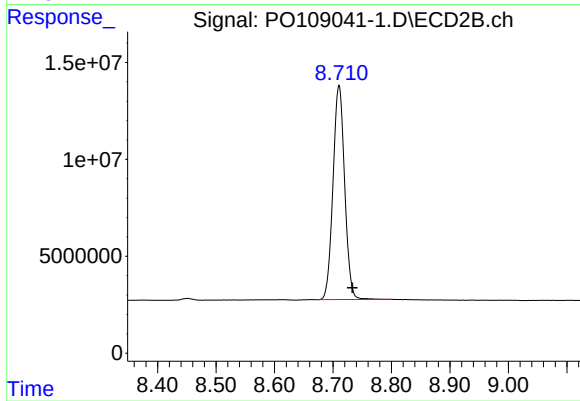
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: -0.022 min
Response: 271907307
Conc: 50.73 ng/ml



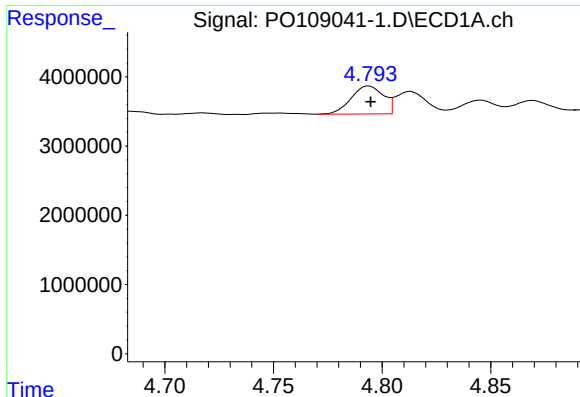
#2 Decachlorobiphenyl

R.T.: 8.758 min
Delta R.T.: 0.000 min
Response: 291524948
Conc: 42.08 ng/ml



#2 Decachlorobiphenyl

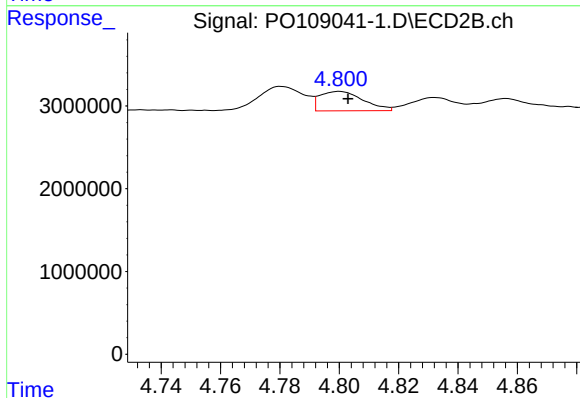
R.T.: 8.710 min
Delta R.T.: -0.023 min
Response: 153259517
Conc: 44.57 ng/ml



#3 AR-1016-1

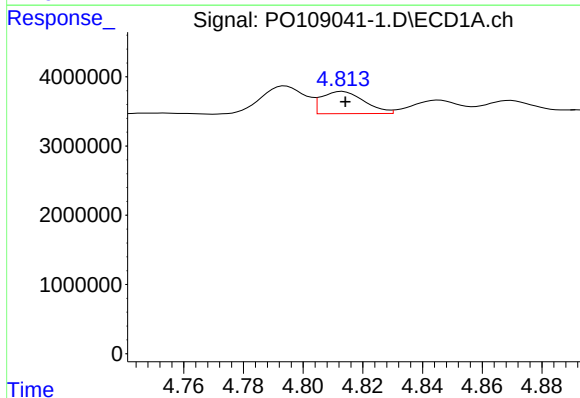
R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 4167608
Conc: 16.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



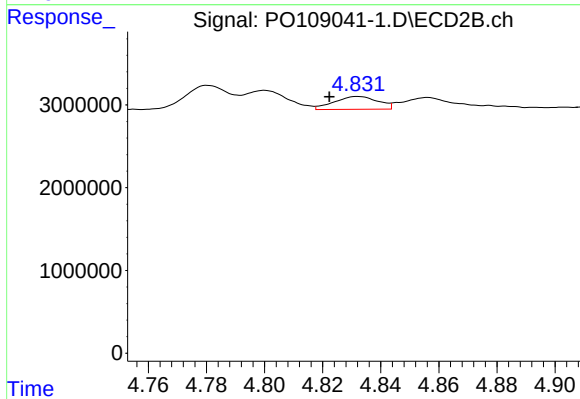
#3 AR-1016-1

R.T.: 4.800 min
Delta R.T.: -0.003 min
Response: 2384466
Conc: 14.73 ng/ml



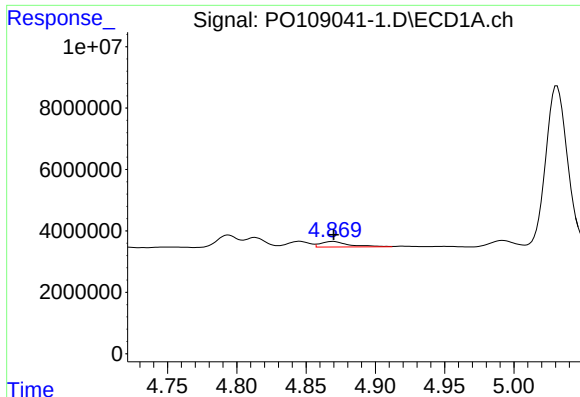
#4 AR-1016-2

R.T.: 4.813 min
Delta R.T.: -0.001 min
Response: 3216940
Conc: 9.33 ng/ml



#4 AR-1016-2

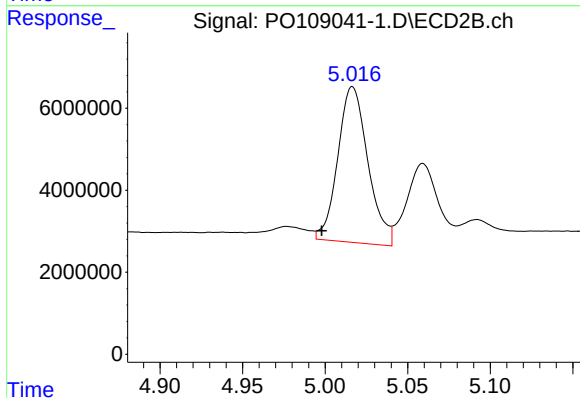
R.T.: 4.832 min
Delta R.T.: 0.010 min
Response: 1635107
Conc: 6.86 ng/ml



#5 AR-1016-3

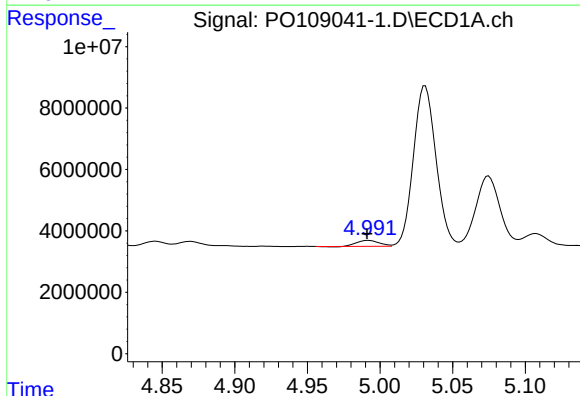
R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 2548866
Conc: 10.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



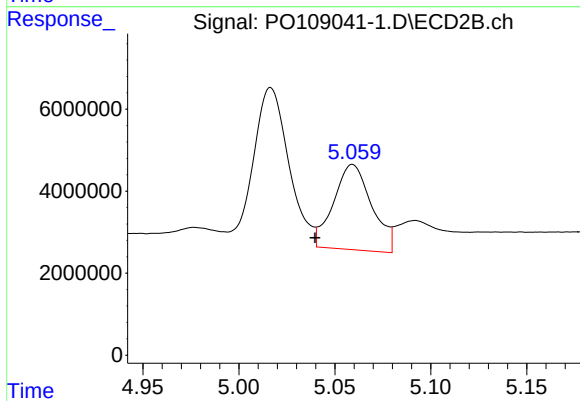
#5 AR-1016-3

R.T.: 5.017 min
Delta R.T.: 0.019 min
Response: 48296757
Conc: 370.44 ng/ml



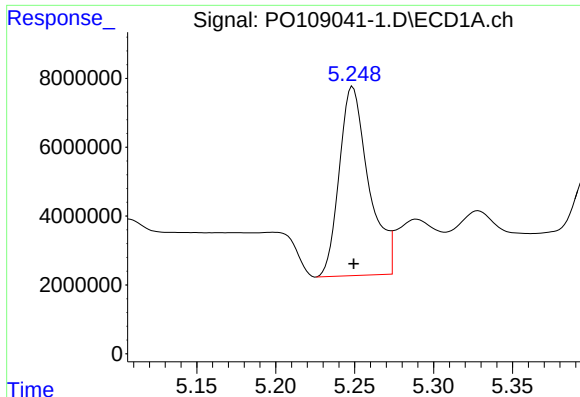
#6 AR-1016-4

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 2041187
Conc: 10.70 ng/ml



#6 AR-1016-4

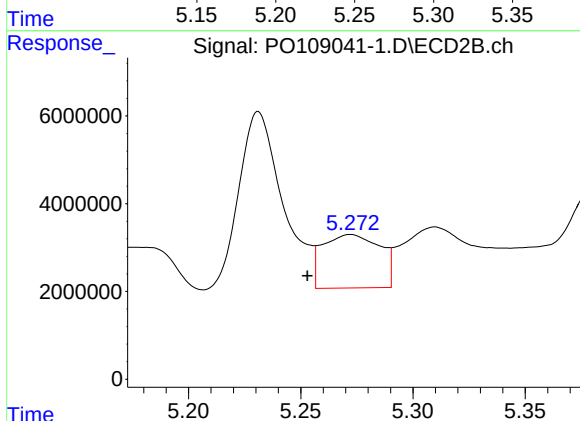
R.T.: 5.059 min
Delta R.T.: 0.020 min
Response: 28924248
Conc: 261.71 ng/ml



#7 AR-1016-5

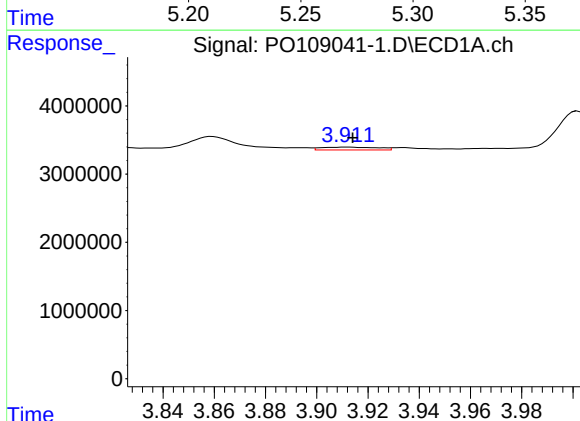
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 71262006
Conc: 341.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



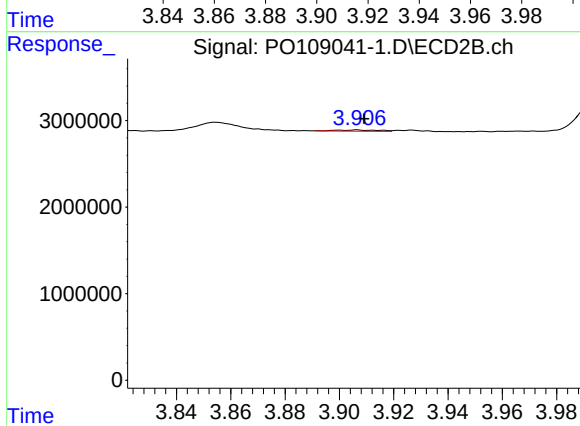
#7 AR-1016-5

R.T.: 5.272 min
Delta R.T.: 0.019 min
Response: 21637988
Conc: 150.74 ng/ml



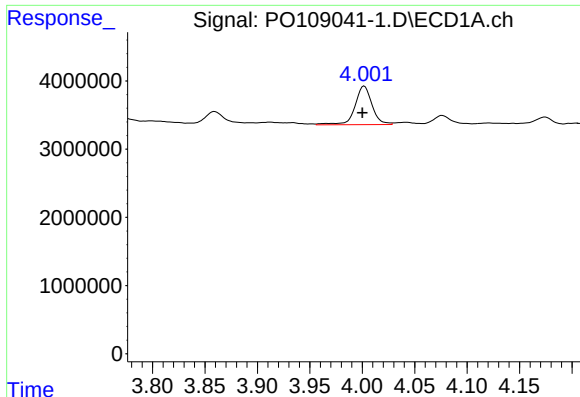
#8 AR-1221-1

R.T.: 3.912 min
Delta R.T.: -0.002 min
Response: 642843
Conc: 6.42 ng/ml



#8 AR-1221-1

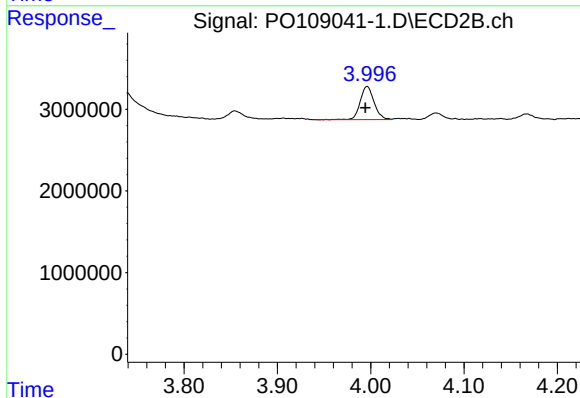
R.T.: 3.906 min
Delta R.T.: -0.003 min
Response: 167913
Conc: 2.56 ng/ml



#9 AR-1221-2

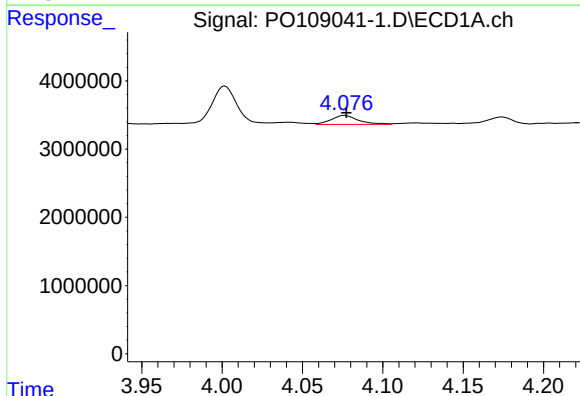
R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 6434543
Conc: 86.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



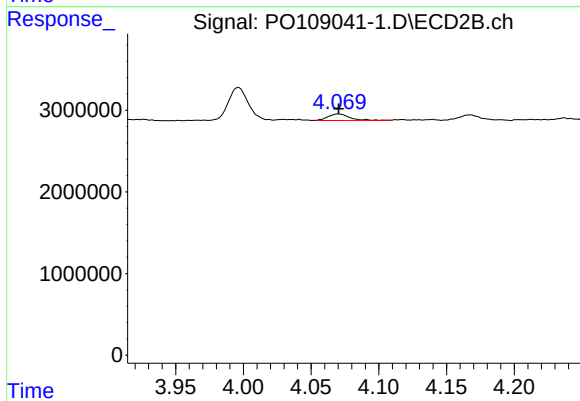
#9 AR-1221-2

R.T.: 3.996 min
Delta R.T.: 0.002 min
Response: 4245179
Conc: 85.96 ng/ml



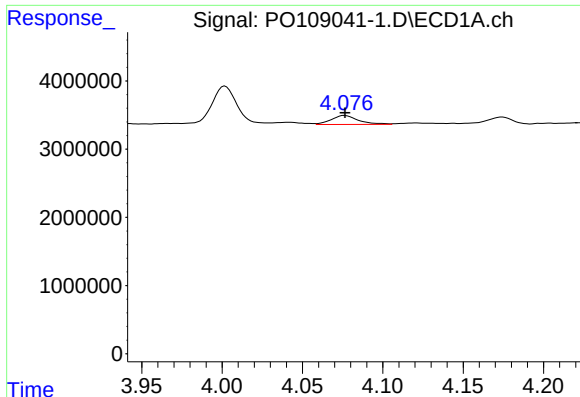
#10 AR-1221-3

R.T.: 4.076 min
Delta R.T.: -0.001 min
Response: 1535859
Conc: 7.38 ng/ml



#10 AR-1221-3

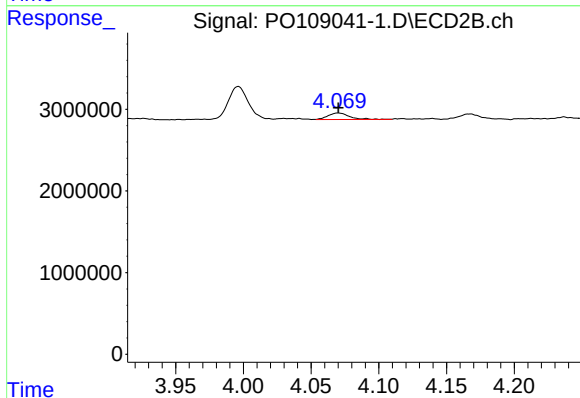
R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 894213
Conc: 6.16 ng/ml



#11 AR-1232-1

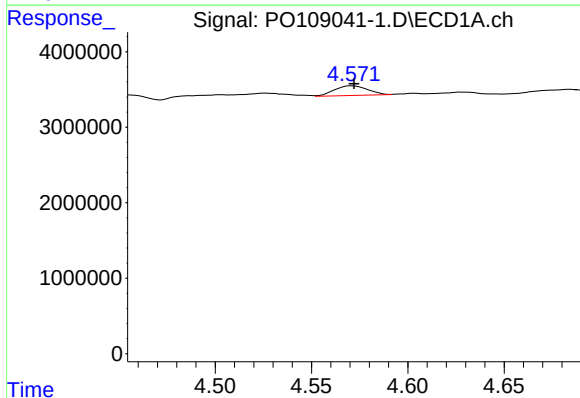
R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 1535859
Conc: 9.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



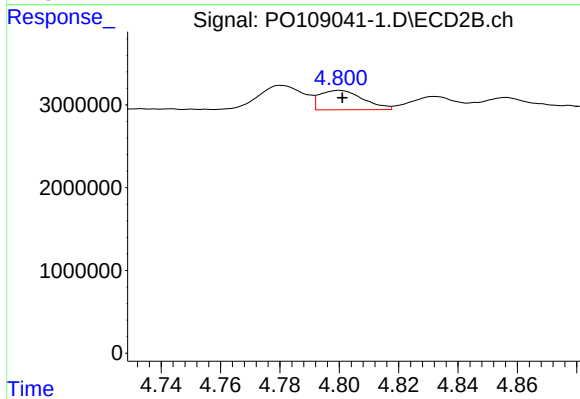
#11 AR-1232-1

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 894213
Conc: 7.74 ng/ml



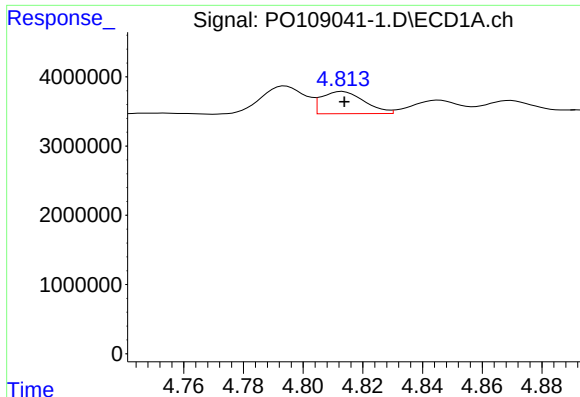
#12 AR-1232-2

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 1545189
Conc: 16.98 ng/ml



#12 AR-1232-2

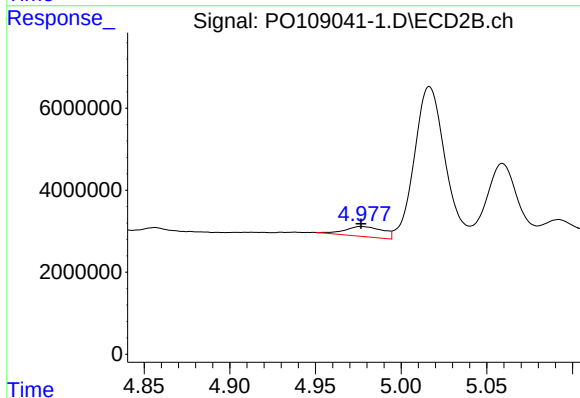
R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 2384466
Conc: 21.89 ng/ml



#13 AR-1232-3

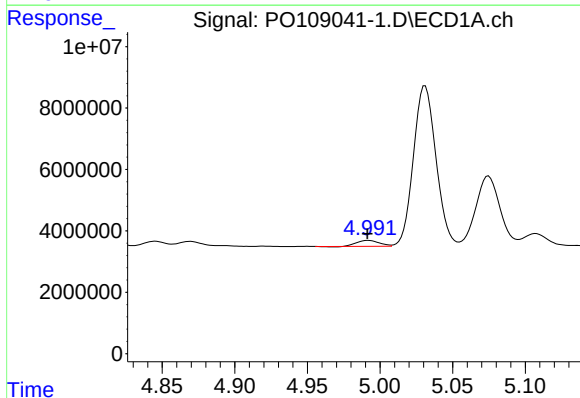
R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 3216940
Conc: 20.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



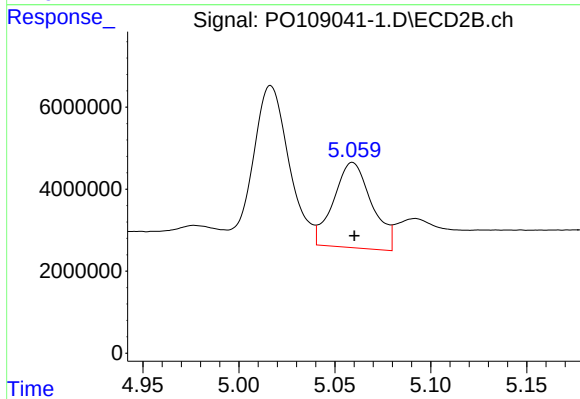
#13 AR-1232-3

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 3787262
Conc: 63.16 ng/ml



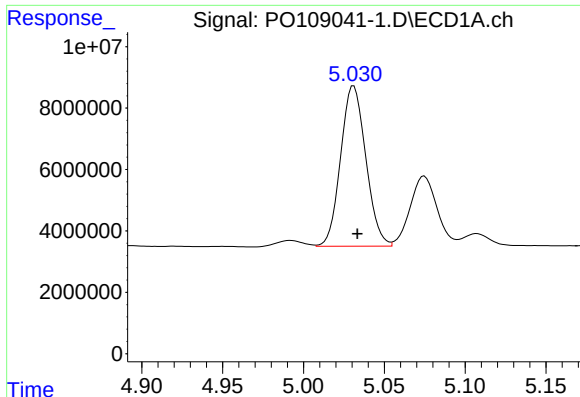
#14 AR-1232-4

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 2041187
Conc: 23.19 ng/ml



#14 AR-1232-4

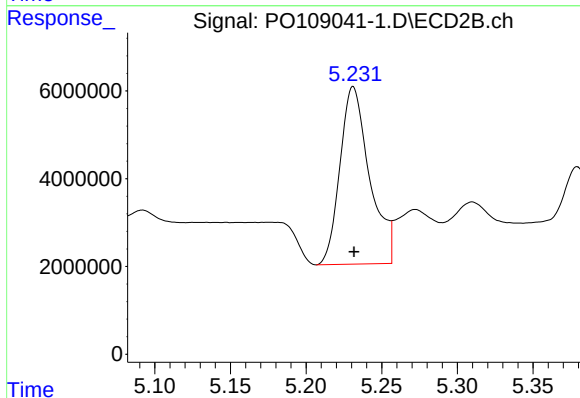
R.T.: 5.059 min
Delta R.T.: -0.001 min
Response: 28924248
Conc: 505.12 ng/ml



#15 AR-1232-5

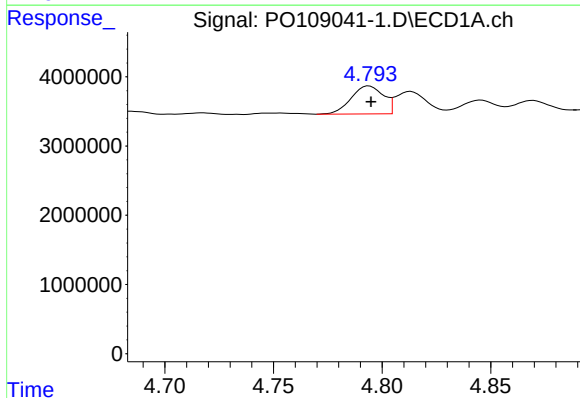
R.T.: 5.031 min
Delta R.T.: -0.002 min
Response: 56574264
Conc: 872.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



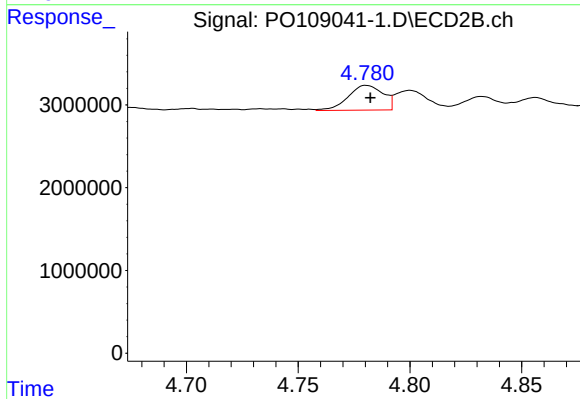
#15 AR-1232-5

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 55128550
Conc: 908.63 ng/ml



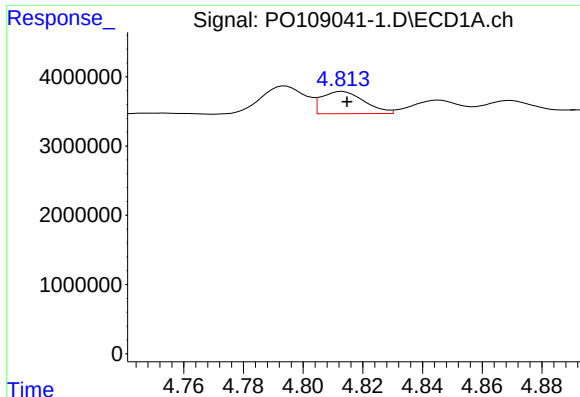
#16 AR-1242-1

R.T.: 4.794 min
Delta R.T.: -0.001 min
Response: 4167608
Conc: 19.62 ng/ml



#16 AR-1242-1

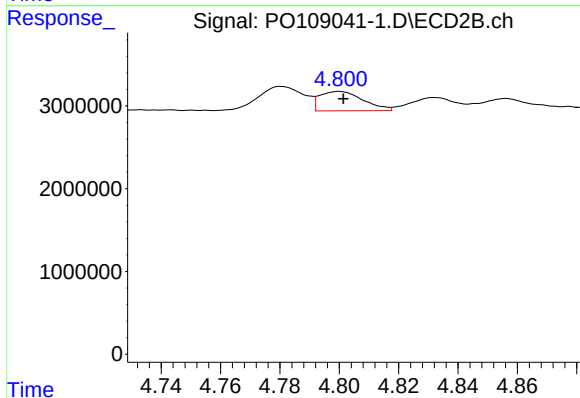
R.T.: 4.781 min
Delta R.T.: -0.002 min
Response: 3255057
Conc: 22.78 ng/ml



#17 AR-1242-2

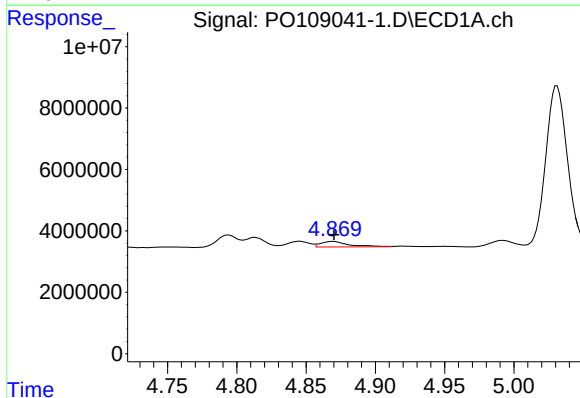
R.T.: 4.813 min
Delta R.T.: -0.002 min
Response: 3216940
Conc: 11.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



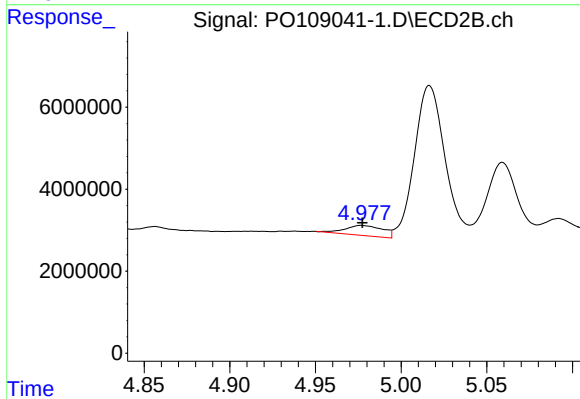
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: -0.001 min
Response: 2384466
Conc: 12.09 ng/ml



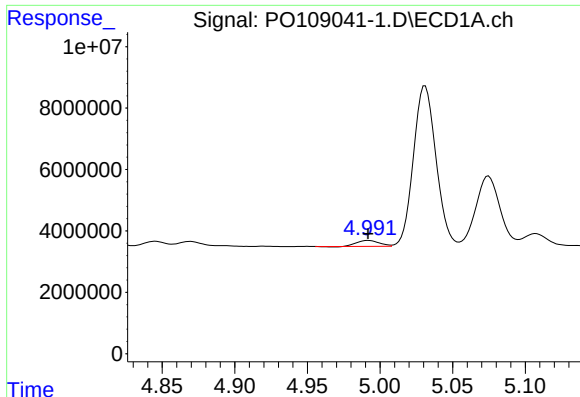
#18 AR-1242-3

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 2548866
Conc: 12.45 ng/ml



#18 AR-1242-3

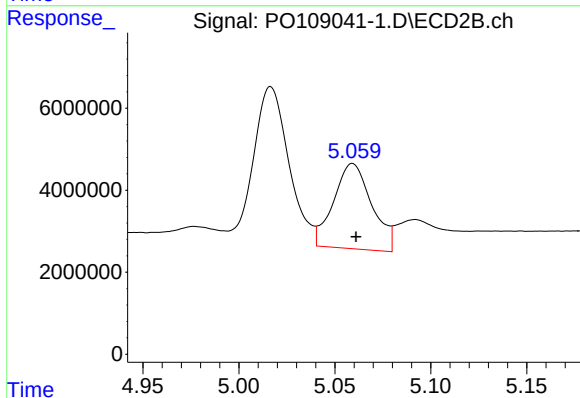
R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 3787262
Conc: 34.73 ng/ml



#19 AR-1242-4

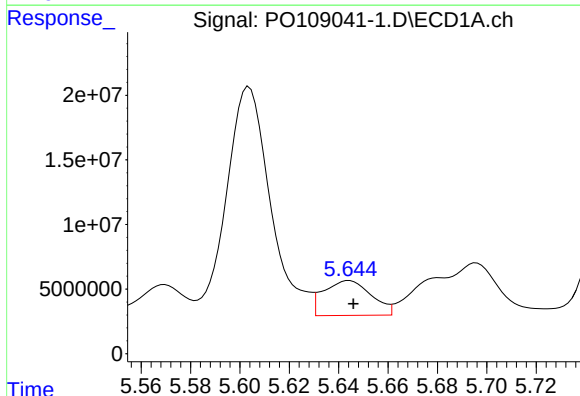
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 2041187
Conc: 12.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



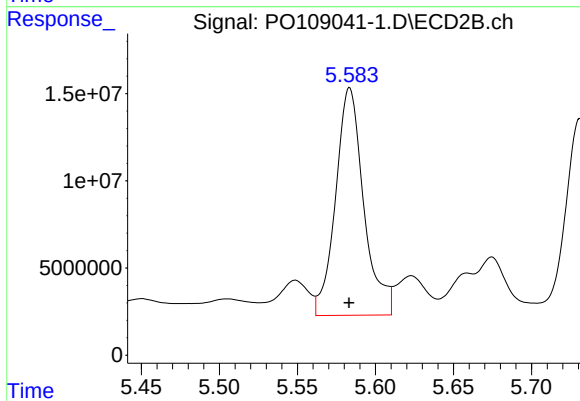
#19 AR-1242-4

R.T.: 5.059 min
Delta R.T.: -0.002 min
Response: 28924248
Conc: 254.52 ng/ml



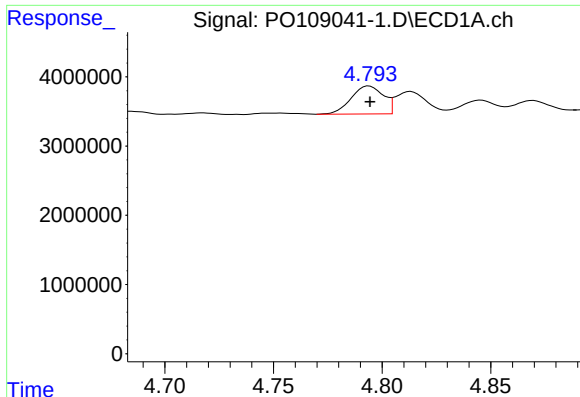
#20 AR-1242-5

R.T.: 5.644 min
Delta R.T.: -0.002 min
Response: 36181826
Conc: 216.62 ng/ml



#20 AR-1242-5

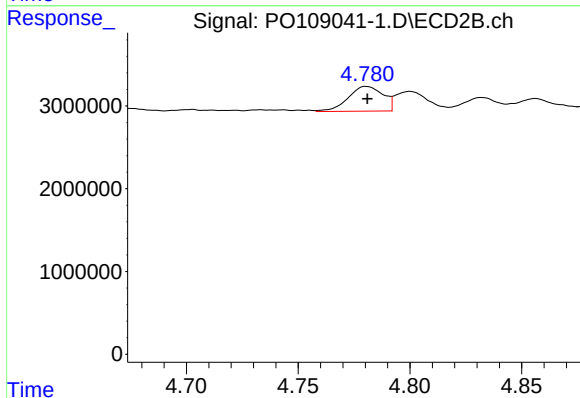
R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 163965082
Conc: 1198.69 ng/ml



#21 AR-1248-1

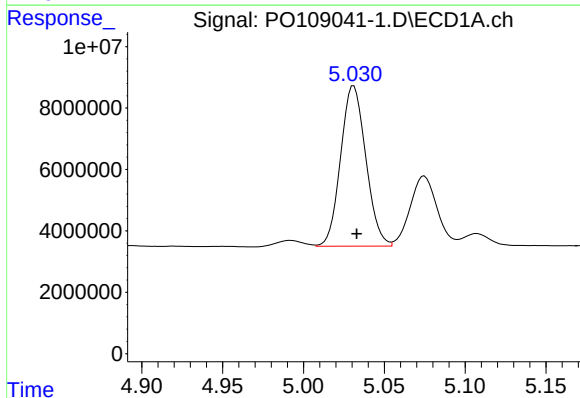
R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 4167608
Conc: 26.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



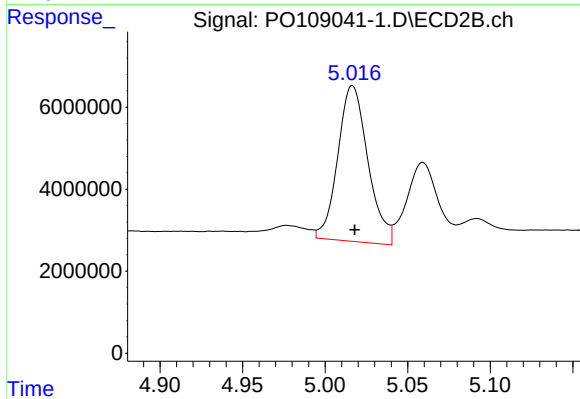
#21 AR-1248-1

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 3255057
Conc: 30.33 ng/ml



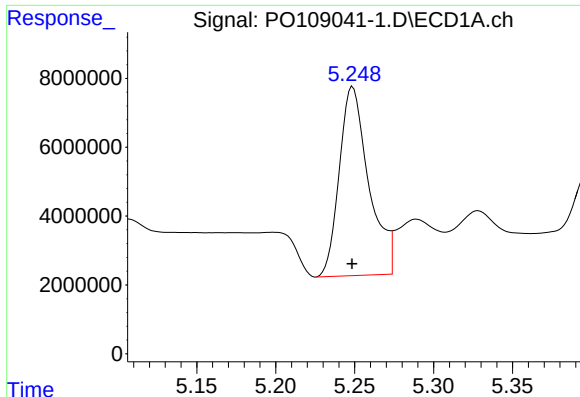
#22 AR-1248-2

R.T.: 5.031 min
Delta R.T.: -0.002 min
Response: 56574264
Conc: 253.14 ng/ml



#22 AR-1248-2

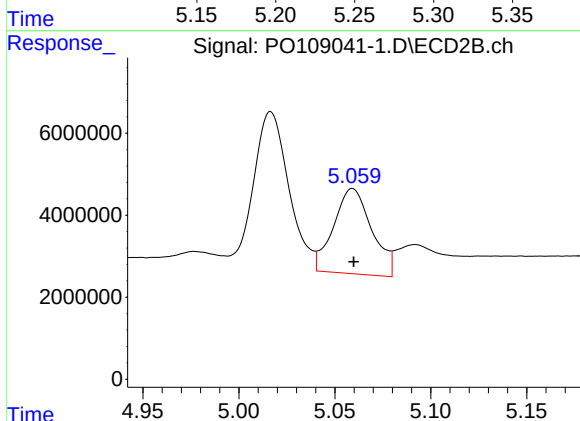
R.T.: 5.017 min
Delta R.T.: -0.001 min
Response: 48296757
Conc: 313.66 ng/ml



#23 AR-1248-3

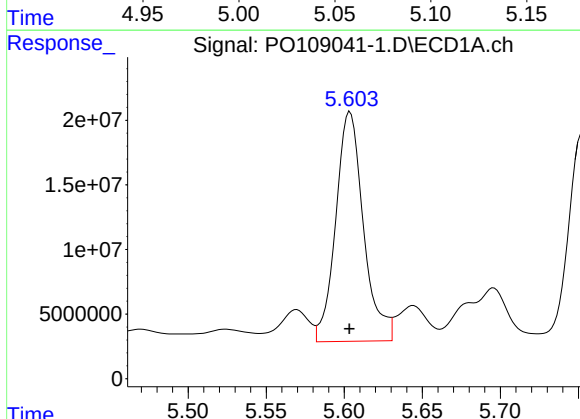
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 71262006
Conc: 260.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



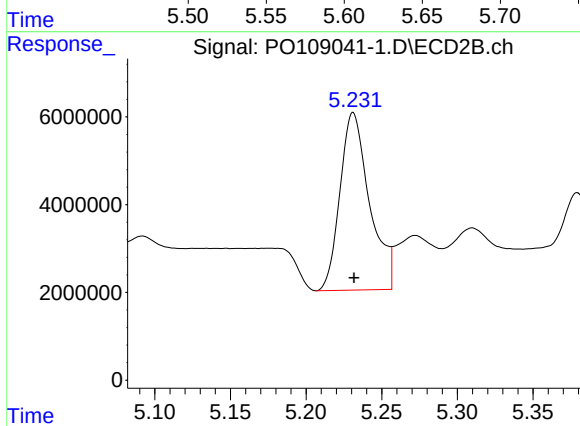
#23 AR-1248-3

R.T.: 5.059 min
Delta R.T.: 0.000 min
Response: 28924248
Conc: 174.90 ng/ml



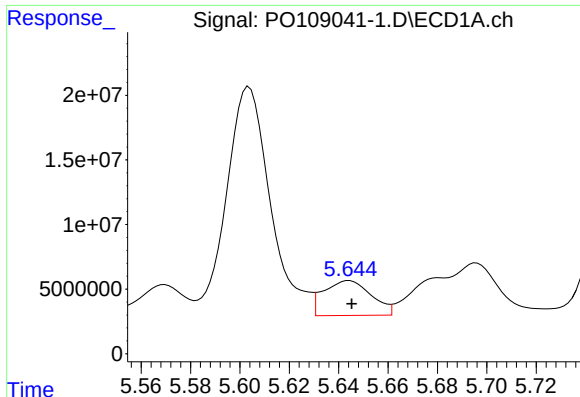
#24 AR-1248-4

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 219703678
Conc: 571.33 ng/ml



#24 AR-1248-4

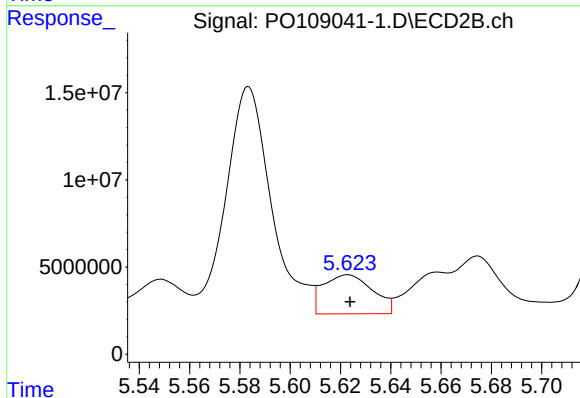
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 55128550
Conc: 287.87 ng/ml



#25 AR-1248-5

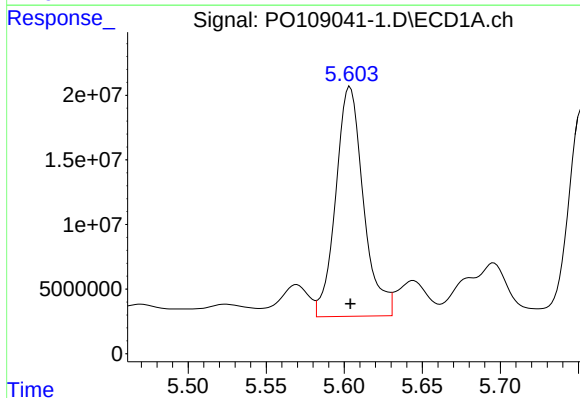
R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 36181826
Conc: 136.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



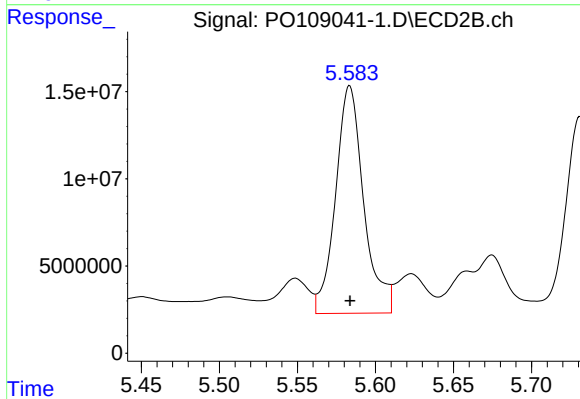
#25 AR-1248-5

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 30749107
Conc: 167.83 ng/ml



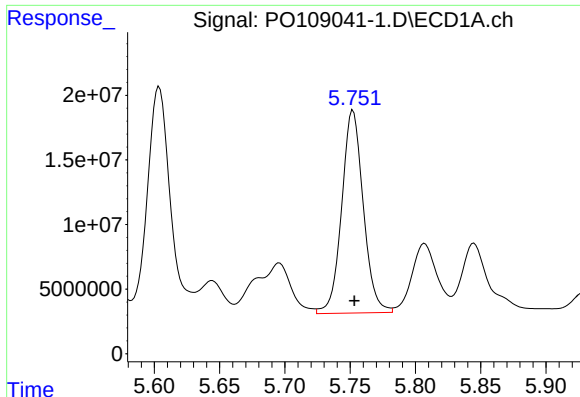
#26 AR-1254-1

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 219703678
Conc: 531.29 ng/ml



#26 AR-1254-1

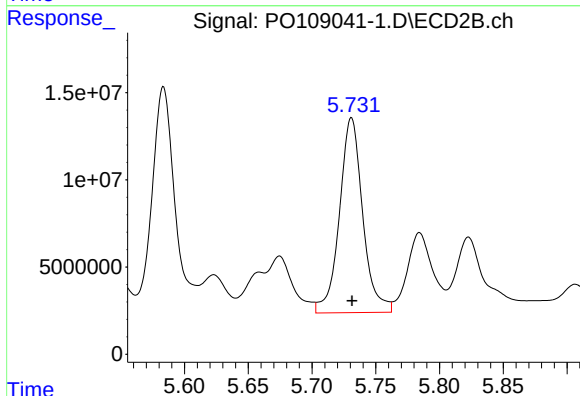
R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 163965082
Conc: 583.33 ng/ml



#27 AR-1254-2

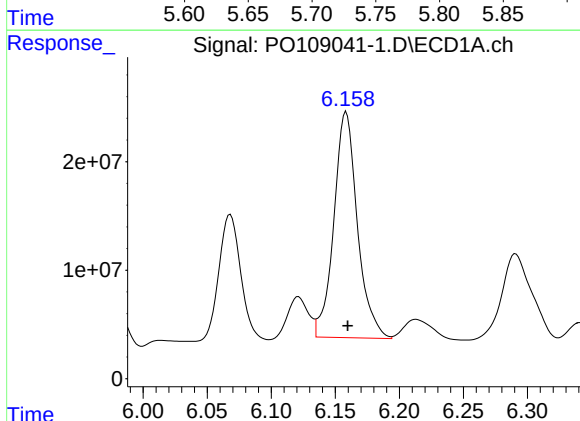
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 180768036
Conc: 499.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



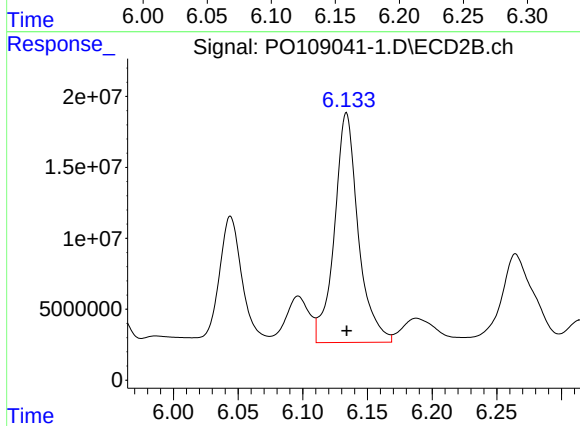
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 142268438
Conc: 568.48 ng/ml



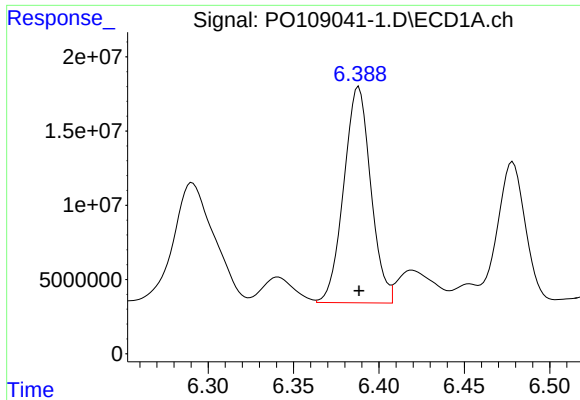
#28 AR-1254-3

R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 266617536
Conc: 472.62 ng/ml



#28 AR-1254-3

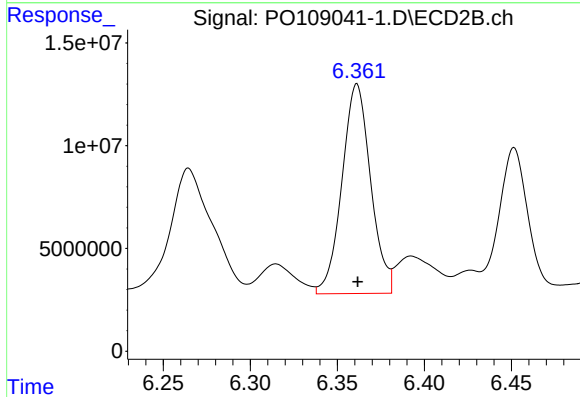
R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 207521656
Conc: 528.28 ng/ml



#29 AR-1254-4

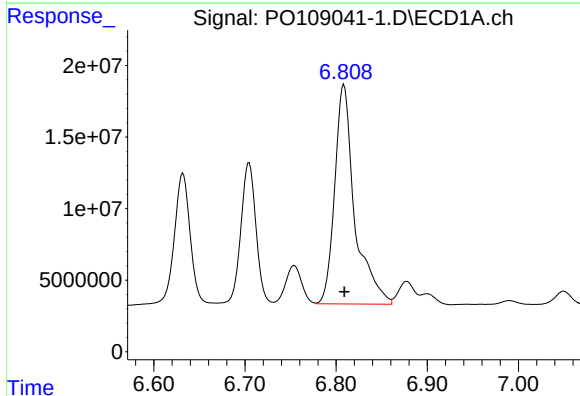
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 160109506
Conc: 464.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



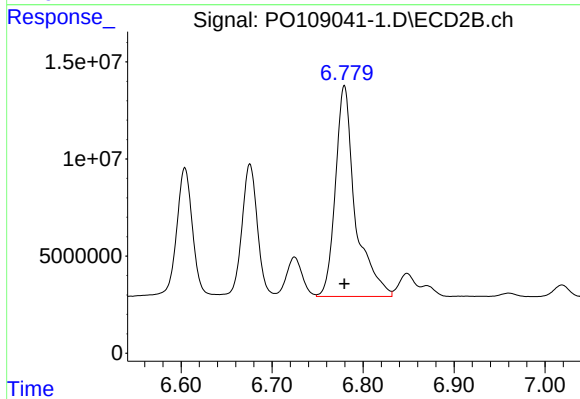
#29 AR-1254-4

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 117013429
Conc: 531.03 ng/ml



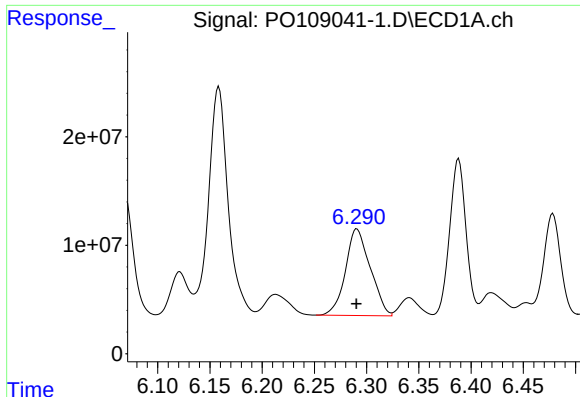
#30 AR-1254-5

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 233636859
Conc: 455.35 ng/ml



#30 AR-1254-5

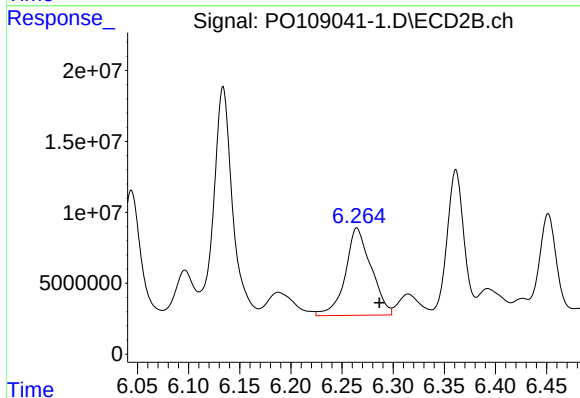
R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 164495535
Conc: 503.48 ng/ml



#31 AR-1260-1

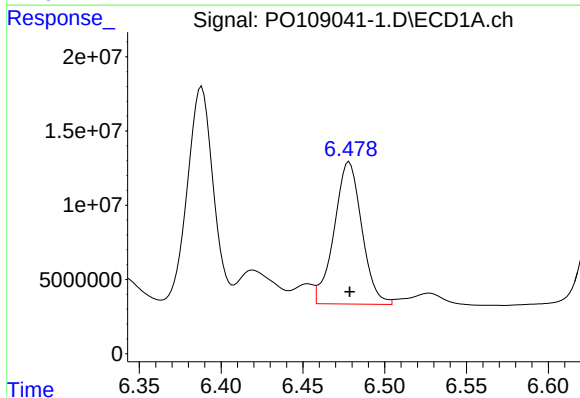
R.T.: 6.291 min
Delta R.T.: 0.000 min
Response: 131752306
Conc: 345.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



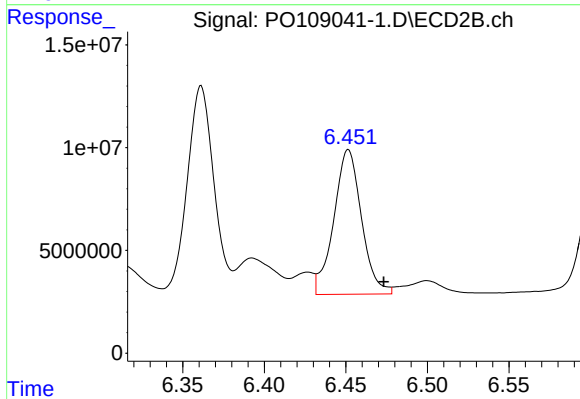
#31 AR-1260-1

R.T.: 6.265 min
Delta R.T.: -0.022 min
Response: 107840385
Conc: 427.86 ng/ml



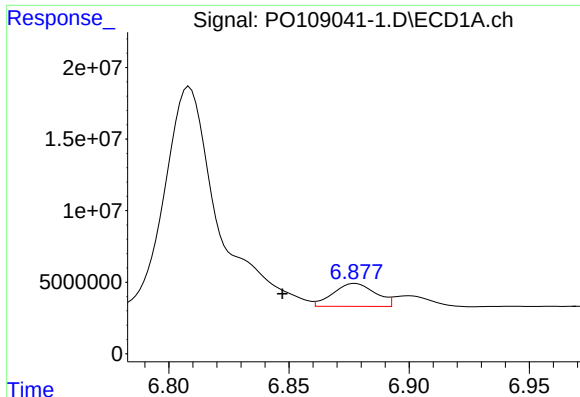
#32 AR-1260-2

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 112378756
Conc: 239.32 ng/ml



#32 AR-1260-2

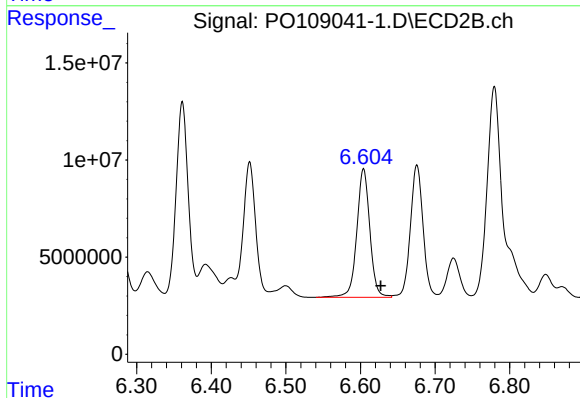
R.T.: 6.452 min
Delta R.T.: -0.022 min
Response: 83117259
Conc: 276.32 ng/ml



#33 AR-1260-3

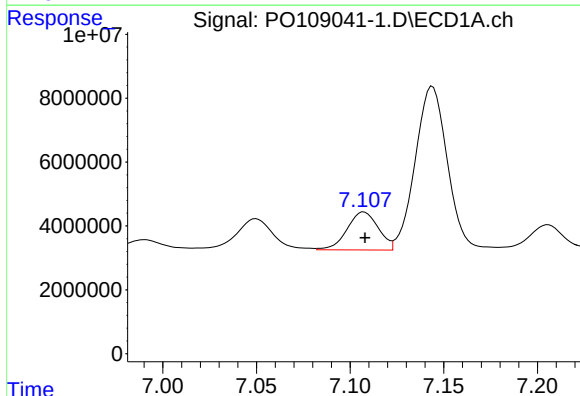
R.T.: 6.878 min
Delta R.T.: 0.030 min
Response: 19590315
Conc: 50.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



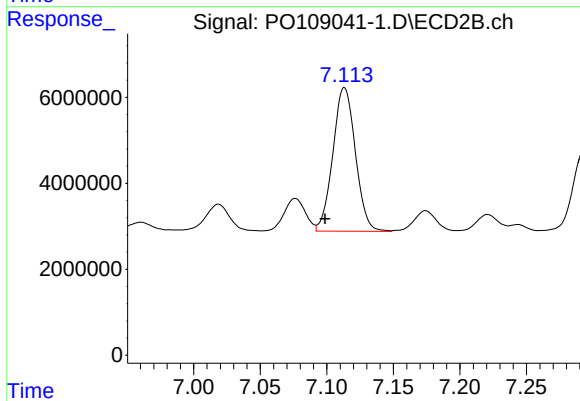
#33 AR-1260-3

R.T.: 6.604 min
Delta R.T.: -0.023 min
Response: 80672139
Conc: 289.79 ng/ml



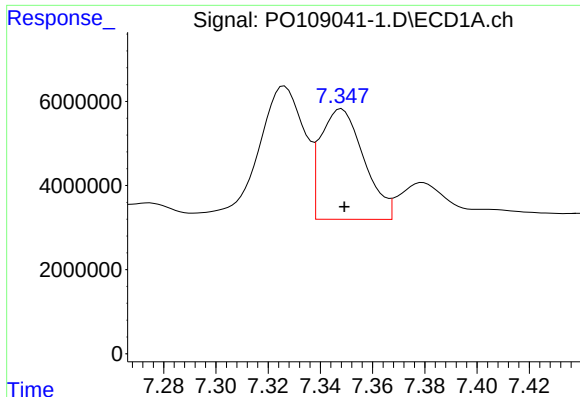
#34 AR-1260-4

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 13815633
Conc: 38.60 ng/ml



#34 AR-1260-4

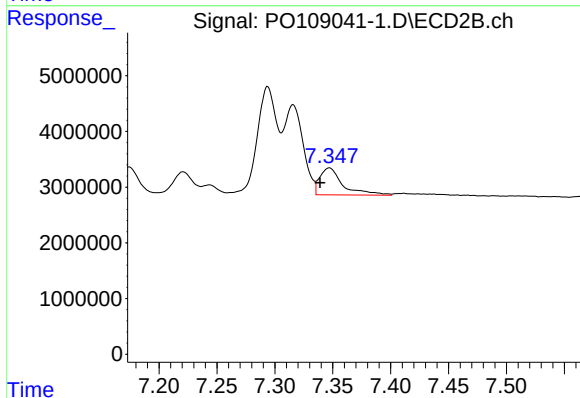
R.T.: 7.113 min
Delta R.T.: 0.015 min
Response: 39357046
Conc: 174.42 ng/ml



#35 AR-1260-5

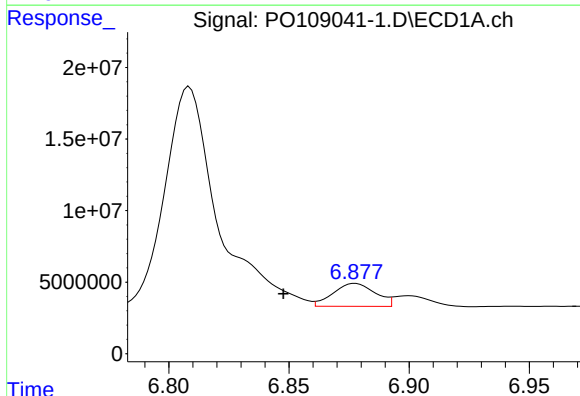
R.T.: 7.348 min
Delta R.T.: -0.001 min
Response: 30311288
Conc: 36.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



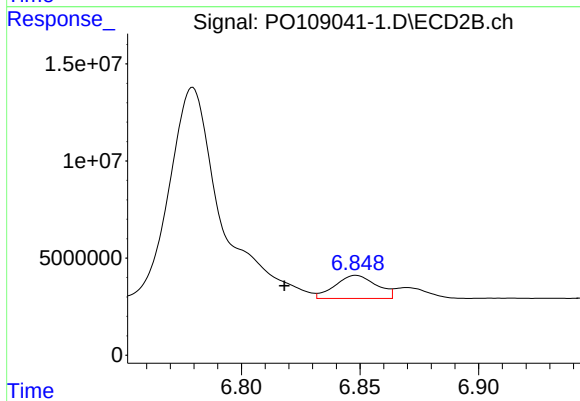
#35 AR-1260-5

R.T.: 7.347 min
Delta R.T.: 0.008 min
Response: 6755119
Conc: 13.49 ng/ml



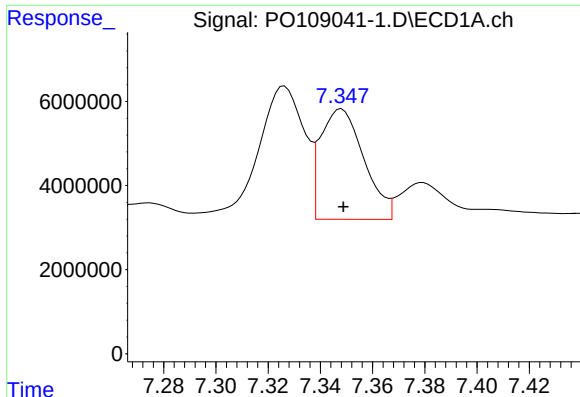
#36 AR-1262-1

R.T.: 6.878 min
Delta R.T.: 0.030 min
Response: 19590315
Conc: 36.68 ng/ml



#36 AR-1262-1

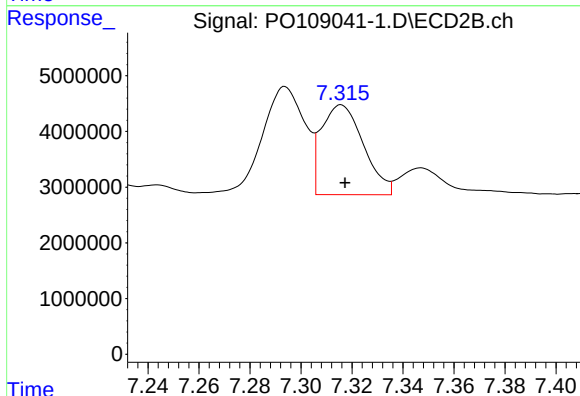
R.T.: 6.848 min
Delta R.T.: 0.030 min
Response: 14414360
Conc: 42.35 ng/ml



#37 AR-1262-2

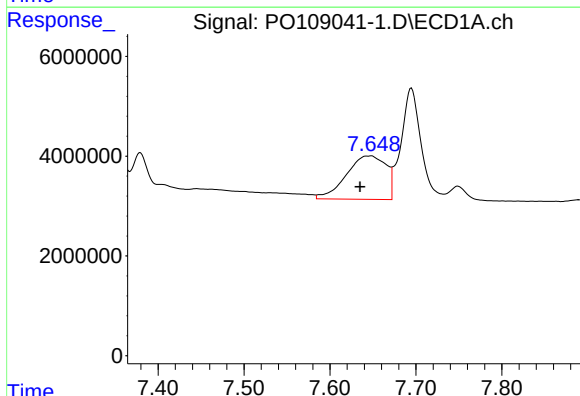
R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 30311288
Conc: 32.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



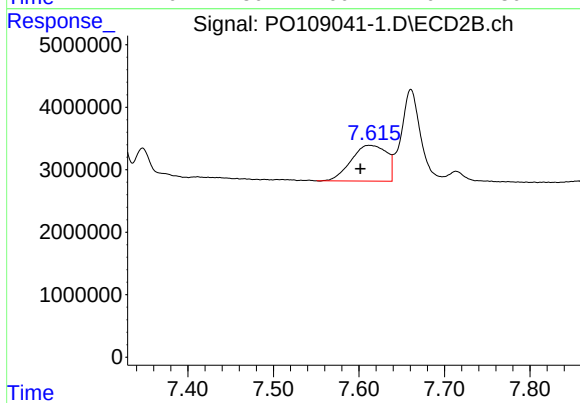
#37 AR-1262-2

R.T.: 7.316 min
Delta R.T.: -0.002 min
Response: 18517992
Conc: 33.39 ng/ml



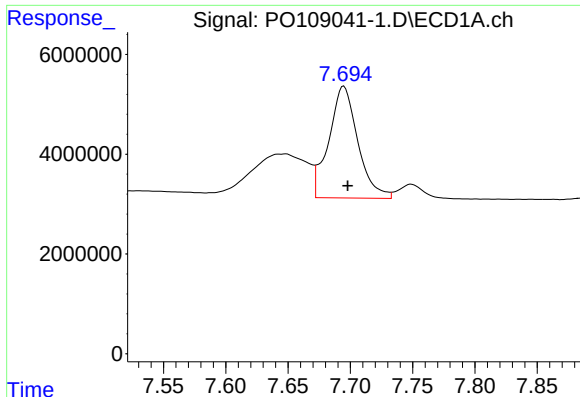
#38 AR-1262-3

R.T.: 7.648 min
Delta R.T.: 0.013 min
Response: 28057955
Conc: 76.96 ng/ml



#38 AR-1262-3

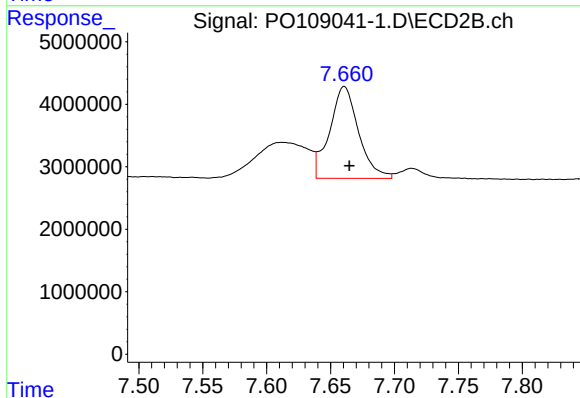
R.T.: 7.612 min
Delta R.T.: 0.011 min
Response: 16547390
Conc: 77.17 ng/ml



#39 AR-1262-4

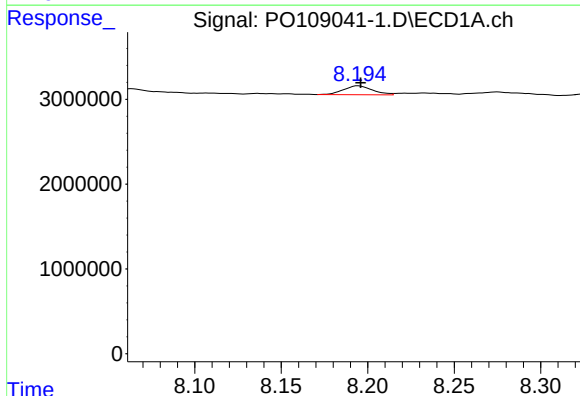
R.T.: 7.695 min
Delta R.T.: -0.003 min
Response: 36341259
Conc: 52.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



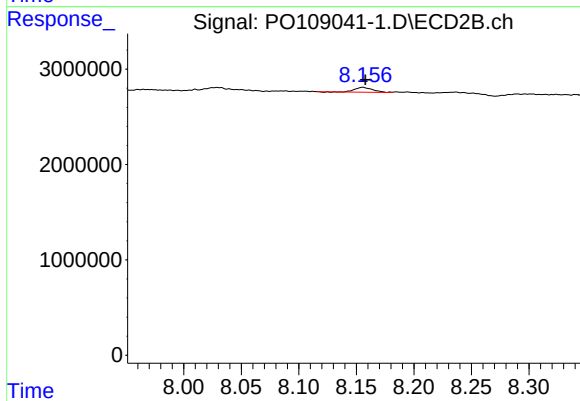
#39 AR-1262-4

R.T.: 7.661 min
Delta R.T.: -0.004 min
Response: 23195668
Conc: 59.19 ng/ml



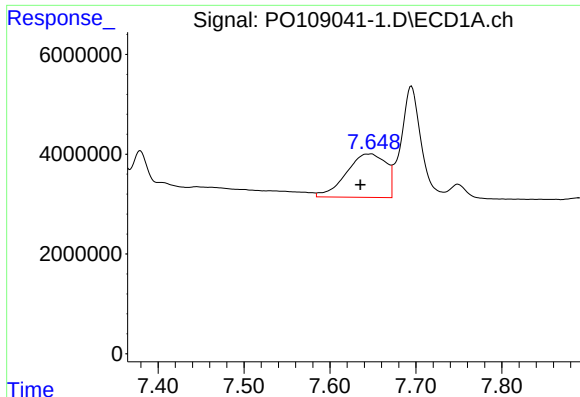
#40 AR-1262-5

R.T.: 8.195 min
Delta R.T.: -0.001 min
Response: 1233038
Conc: 4.08 ng/ml



#40 AR-1262-5

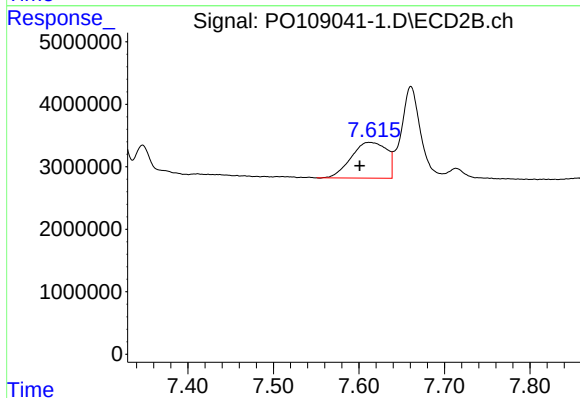
R.T.: 8.156 min
Delta R.T.: -0.002 min
Response: 566343
Conc: 3.55 ng/ml



#41 AR-1268-1

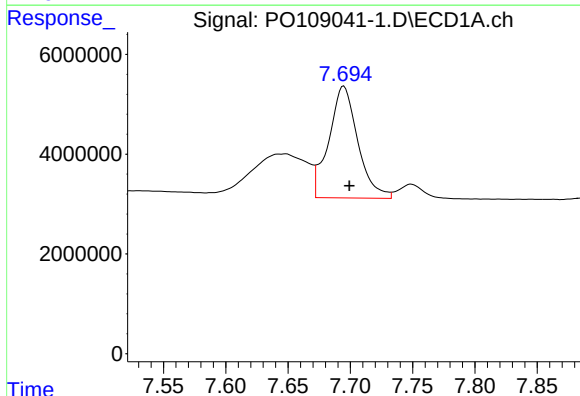
R.T.: 7.648 min
Delta R.T.: 0.013 min
Response: 28057955
Conc: 26.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



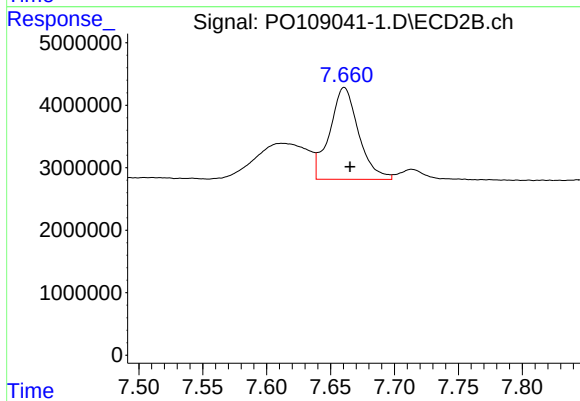
#41 AR-1268-1

R.T.: 7.612 min
Delta R.T.: 0.012 min
Response: 16547390
Conc: 26.29 ng/ml



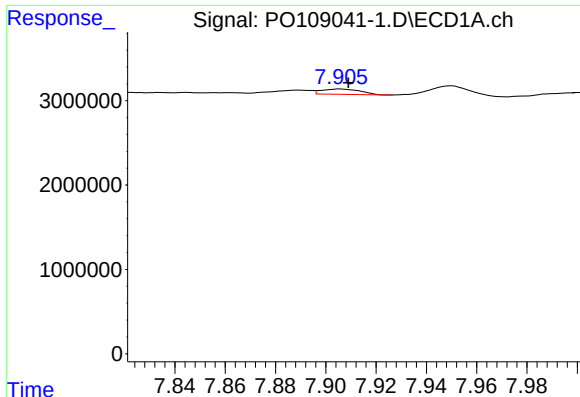
#42 AR-1268-2

R.T.: 7.695 min
Delta R.T.: -0.005 min
Response: 36341259
Conc: 37.50 ng/ml



#42 AR-1268-2

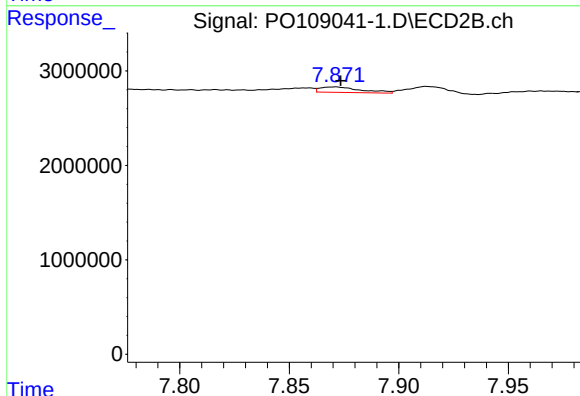
R.T.: 7.661 min
Delta R.T.: -0.005 min
Response: 23195668
Conc: 40.61 ng/ml



#43 AR-1268-3

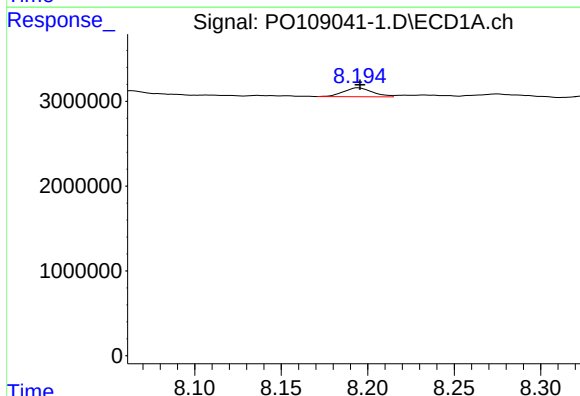
R.T.: 7.906 min
Delta R.T.: -0.003 min
Response: 691126
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



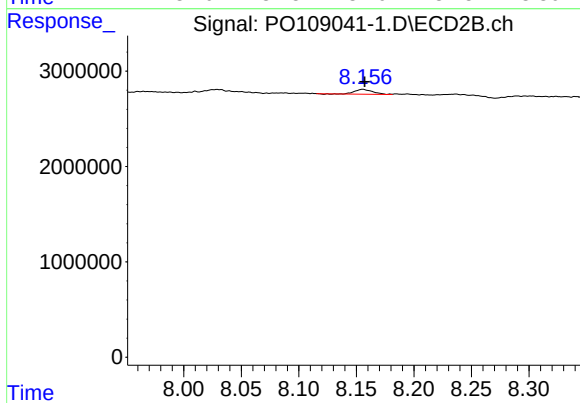
#43 AR-1268-3

R.T.: 7.871 min
Delta R.T.: -0.003 min
Response: 758853
Conc: 1.65 ng/ml



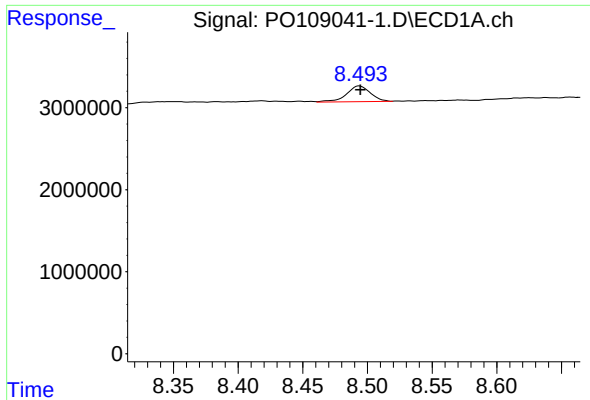
#44 AR-1268-4

R.T.: 8.195 min
Delta R.T.: -0.001 min
Response: 1233038
Conc: 3.60 ng/ml



#44 AR-1268-4

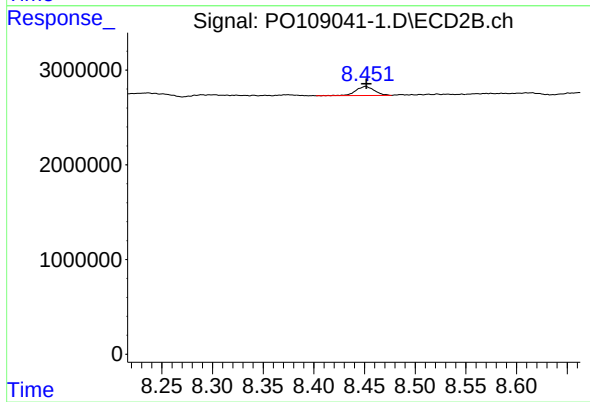
R.T.: 8.156 min
Delta R.T.: -0.001 min
Response: 566343
Conc: 3.14 ng/ml



#45 AR-1268-5

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 2454369
Conc: 1.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 1207361
Conc: 1.01 ng/ml