

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022820\
 Data File : PR044807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2020 11:36
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 29 04:09:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022420CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 08:20:41 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.690	3.953	155.4E6	289.0E6	19.181	19.307
2)	SA Decachlor...	10.576	9.026	291.7E6	492.6E6	39.698	39.986
Target Compounds							
3)	L1 AR-1016-1	5.865	5.042	118.2E6	153.7E6	386.498	401.543
4)	L1 AR-1016-2	5.888	5.061	168.1E6	209.1E6	387.329	382.682
5)	L1 AR-1016-3	5.951	5.239	99452901	120.2E6	389.011	395.817
6)	L1 AR-1016-4	6.051	5.279	83548073	92132534	386.795	393.511
7)	L1 AR-1016-5	6.344	5.494	79604068	128.8E6	389.016	403.616
8)	L2 AR-1221-1	4.894	4.161	10862067	18304325	108.245	100.441
9)	L2 AR-1221-2	4.987	4.251	12442964	24242895	183.642	188.253
10)	L2 AR-1221-3	5.064	4.326	50474245	99086299	225.203	238.610
11)	L3 AR-1232-1	5.064	4.326	50474245	99086299	272.184	289.448
12)	L3 AR-1232-2	5.598	5.061	81952243	209.1E6	745.291	808.516
13)	L3 AR-1232-3	5.888	5.239	168.1E6	120.2E6	796.204	851.440
14)	L3 AR-1232-4	6.051	5.322	83548073	113.9E6	801.092	943.378
15)	L3 AR-1232-5	6.137	5.494	71094614	128.8E6	952.508	940.946
16)	L4 AR-1242-1	5.865	5.042	118.2E6	153.7E6	423.473	461.416
17)	L4 AR-1242-2	5.888	5.061	168.1E6	209.1E6	425.219	453.109
18)	L4 AR-1242-3	5.951	5.239	99452901	120.2E6	427.197	462.712
19)	L4 AR-1242-4	6.051	5.322	83548073	113.9E6	423.716	466.521
20)	L4 AR-1242-5	6.787	5.846	12718212	101.8E6	58.184	266.522 #
21)	L5 AR-1248-1	5.865	5.042	118.2E6	153.7E6	521.864	569.596
22)	L5 AR-1248-2	6.137	5.279	71094614	92132534	236.507	262.299
23)	L5 AR-1248-3	6.344	5.322	79604068	113.9E6	239.333	312.486 #
24)	L5 AR-1248-4	6.746	5.494	14048026	128.8E6	36.078	271.308 #
25)	L5 AR-1248-5	6.787	5.887	12718212	17331726	34.663	33.399
26)	L6 AR-1254-1	6.720	5.846	56268616	101.8E6	145.961	127.792
27)	L6 AR-1254-2	6.936	5.993	61616042	97135246	103.906	136.716 #
28)	L6 AR-1254-3	7.307	6.412	34994899	245.2E6	55.918	207.922 #
29)	L6 AR-1254-4	7.591	6.626	25790356	32759053	54.613	37.491 #
30)	L6 AR-1254-5	8.009	7.042	210.8E6	394.3E6	429.362	368.534
31)	L7 AR-1260-1	7.468	6.527	148.1E6	272.0E6	387.299	406.071
32)	L7 AR-1260-2	7.723	6.714	183.5E6	406.5E6	389.175	374.582
33)	L7 AR-1260-3	8.083	6.870	136.9E6	333.4E6	369.399	380.134
34)	L7 AR-1260-4	8.321	7.340	163.2E6	294.4E6	389.744	385.580
35)	L7 AR-1260-5	8.656	7.581	353.2E6	878.1E6	389.820	397.175
36)	L8 AR-1262-1	8.142	7.042	72238552	394.3E6	300.181	674.534 #
37)	L8 AR-1262-2	8.656	7.581	353.2E6	878.1E6	310.583	334.941
38)	L8 AR-1262-3	9.006	7.865	219.9E6	193.6E6	294.484	181.956 #
39)	L8 AR-1262-4	9.064	7.929	142.7E6	579.0E6	247.626	331.741 #
40)	L8 AR-1262-5	9.779	8.441	105.3E6	216.5E6	262.660	274.379
41)	L9 AR-1268-1	9.006	7.865	219.9E6	193.6E6	162.151	63.240 #

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 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

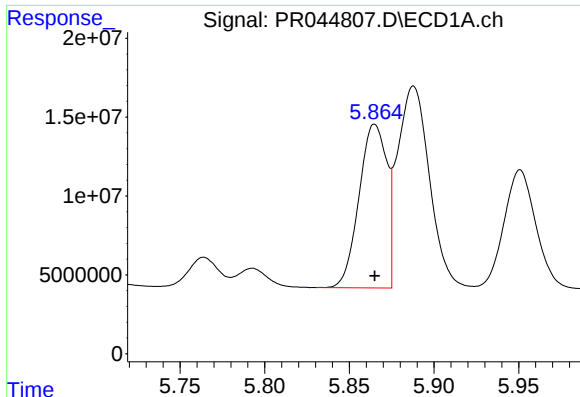
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 29 04:09:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022420CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.064	7.929	142.7E6	579.0E6	111.605	221.977 #
43) L9	AR-1268-3	9.323	8.139	5792227	10729768	5.431	4.811
44) L9	AR-1268-4	9.779	8.441	105.3E6	216.5E6	233.139	243.274
45) L9	AR-1268-5	10.219	8.753	30102904	52428108	8.373	8.333

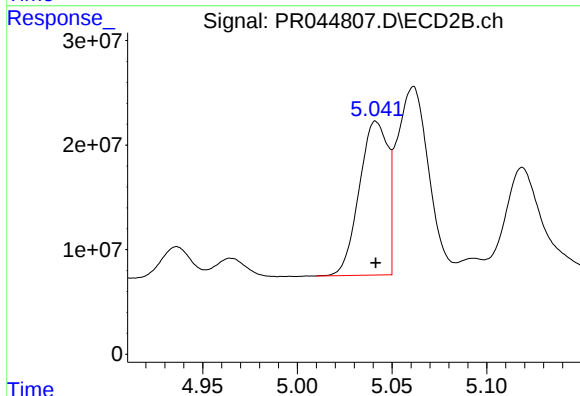
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

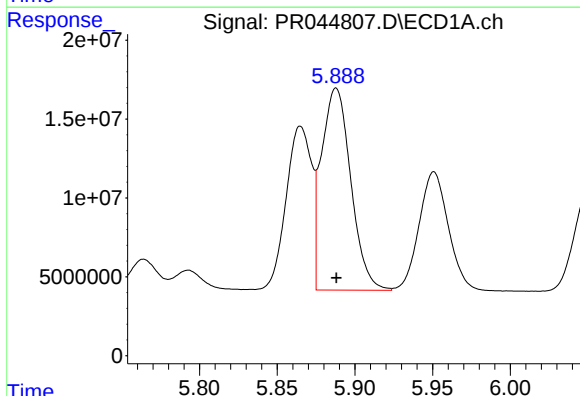
R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 118216124
Conc: 386.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



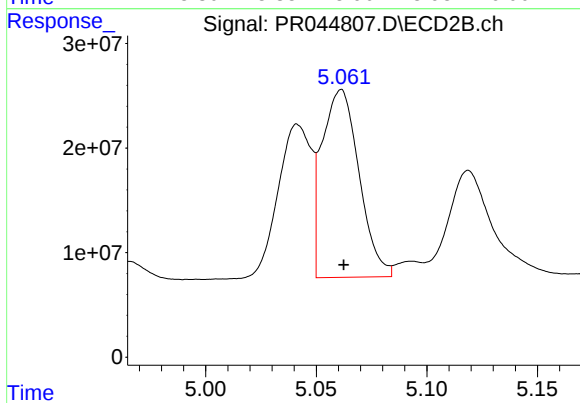
#3 AR-1016-1

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 153726098
Conc: 401.54 ng/ml



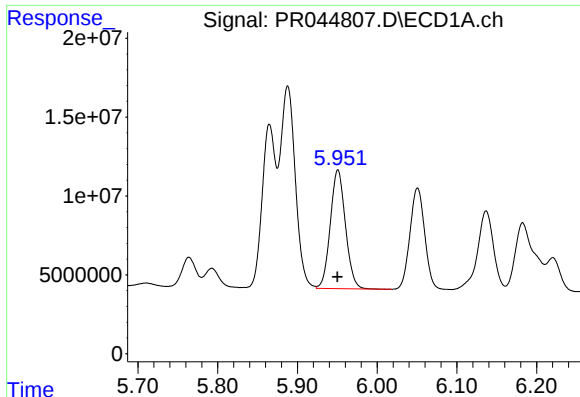
#4 AR-1016-2

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 168144902
Conc: 387.33 ng/ml



#4 AR-1016-2

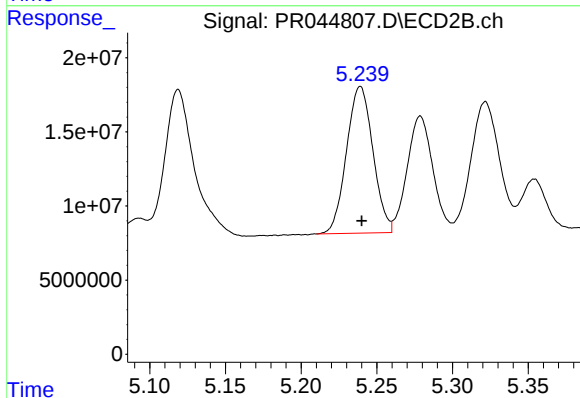
R.T.: 5.061 min
Delta R.T.: -0.001 min
Response: 209136199
Conc: 382.68 ng/ml



#5 AR-1016-3

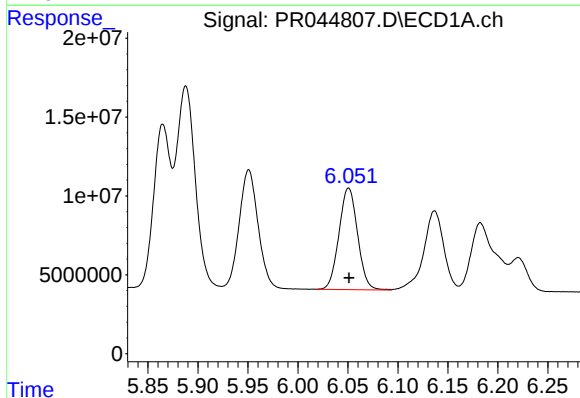
R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 99452901
Conc: 389.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



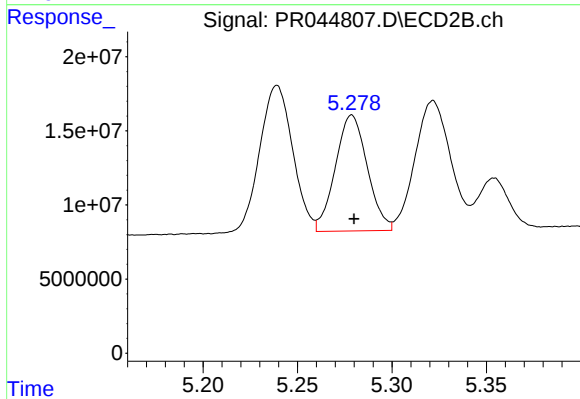
#5 AR-1016-3

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 120182344
Conc: 395.82 ng/ml



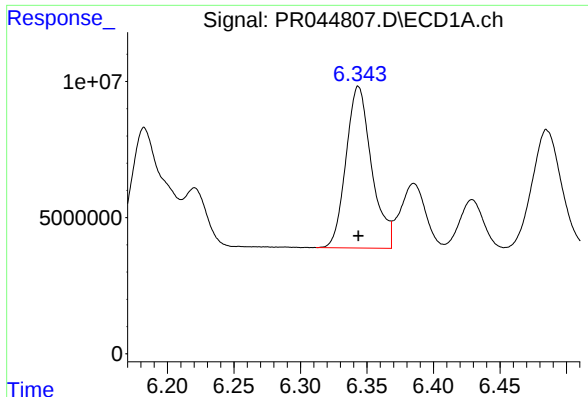
#6 AR-1016-4

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 83548073
Conc: 386.80 ng/ml



#6 AR-1016-4

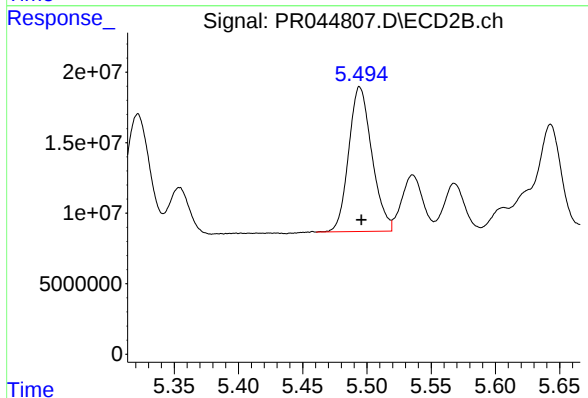
R.T.: 5.279 min
Delta R.T.: -0.001 min
Response: 92132534
Conc: 393.51 ng/ml



#7 AR-1016-5

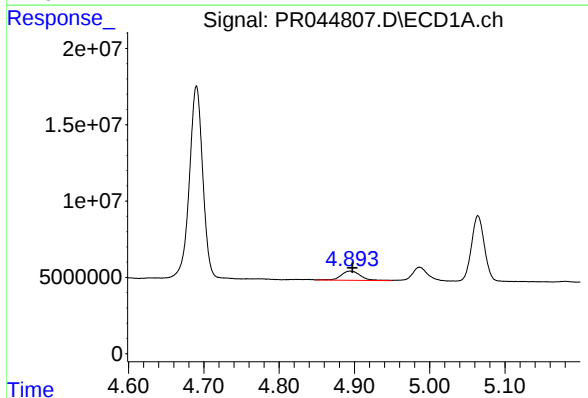
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 79604068
Conc: 389.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



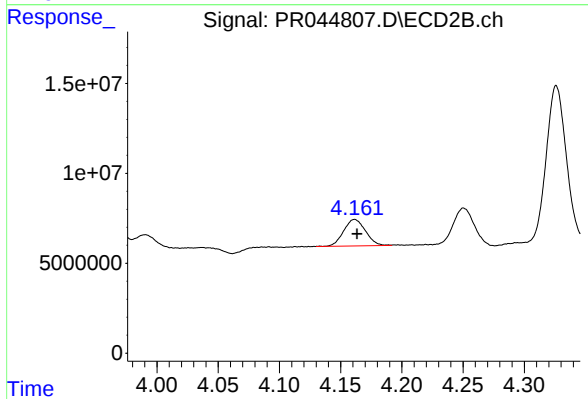
#7 AR-1016-5

R.T.: 5.494 min
Delta R.T.: -0.001 min
Response: 128834448
Conc: 403.62 ng/ml



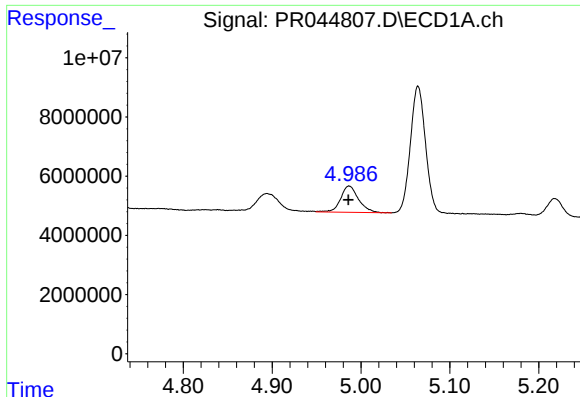
#8 AR-1221-1

R.T.: 4.894 min
Delta R.T.: -0.003 min
Response: 10862067
Conc: 108.24 ng/ml



#8 AR-1221-1

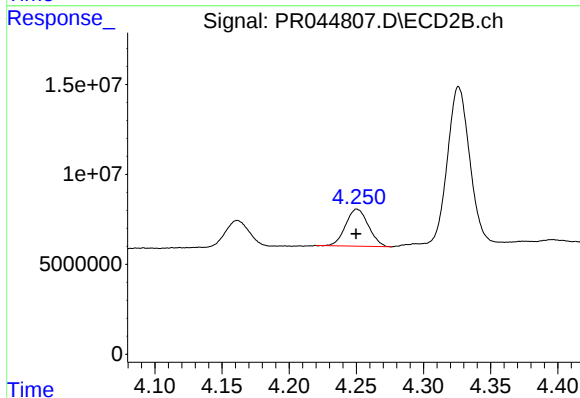
R.T.: 4.161 min
Delta R.T.: -0.002 min
Response: 18304325
Conc: 100.44 ng/ml



#9 AR-1221-2

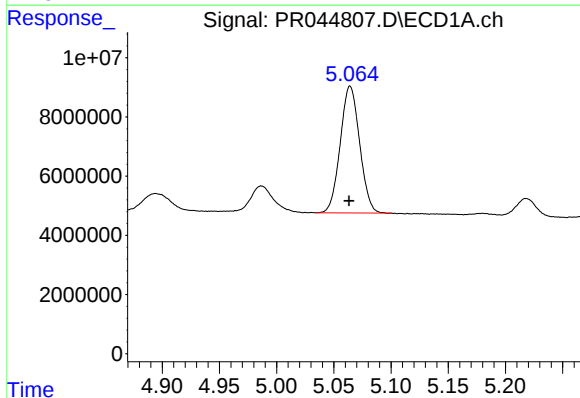
R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 12442964
Conc: 183.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



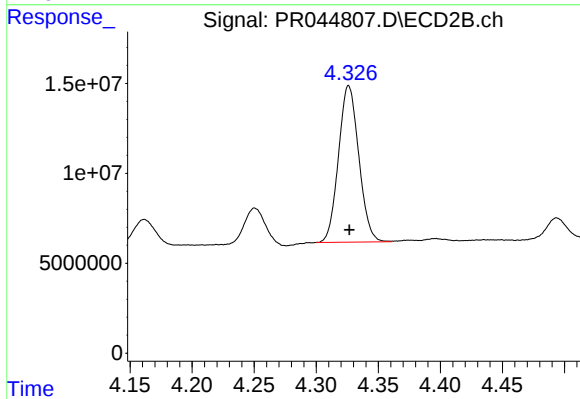
#9 AR-1221-2

R.T.: 4.251 min
Delta R.T.: 0.000 min
Response: 24242895
Conc: 188.25 ng/ml



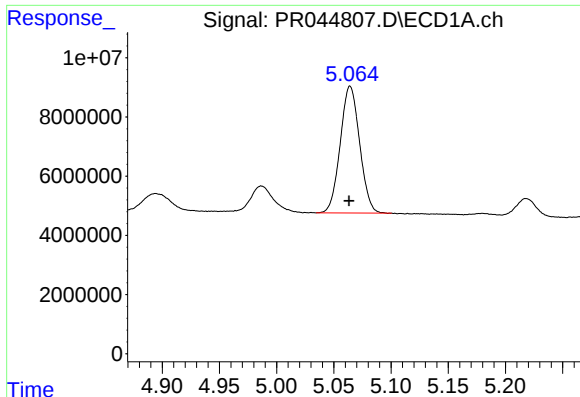
#10 AR-1221-3

R.T.: 5.064 min
Delta R.T.: 0.001 min
Response: 50474245
Conc: 225.20 ng/ml



#10 AR-1221-3

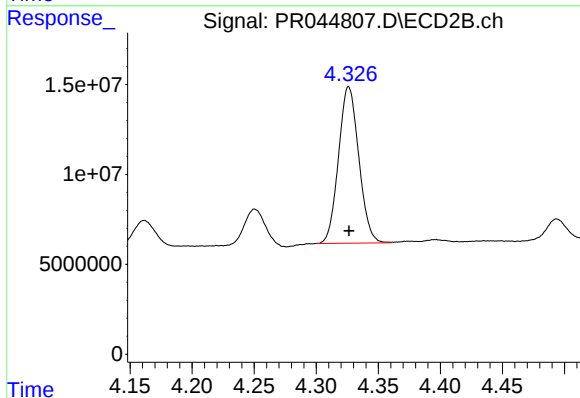
R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 99086299
Conc: 238.61 ng/ml



#11 AR-1232-1

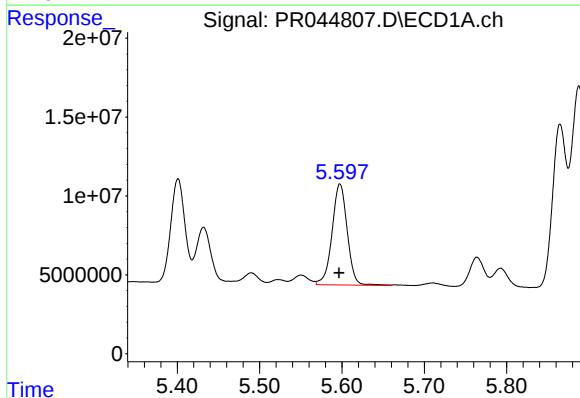
R.T.: 5.064 min
Delta R.T.: 0.001 min
Response: 50474245
Conc: 272.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



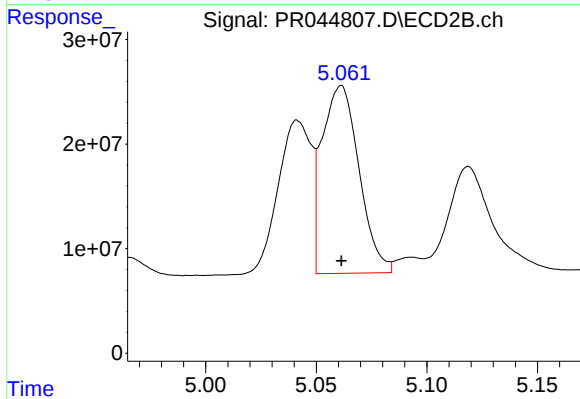
#11 AR-1232-1

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 99086299
Conc: 289.45 ng/ml



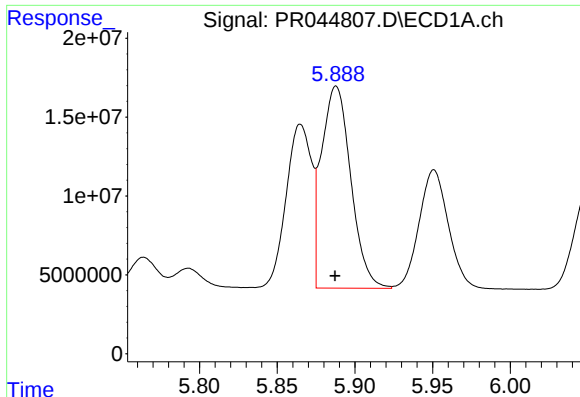
#12 AR-1232-2

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 81952243
Conc: 745.29 ng/ml



#12 AR-1232-2

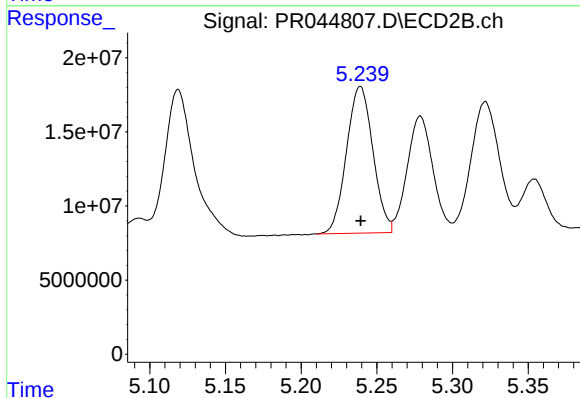
R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 209136199
Conc: 808.52 ng/ml



#13 AR-1232-3

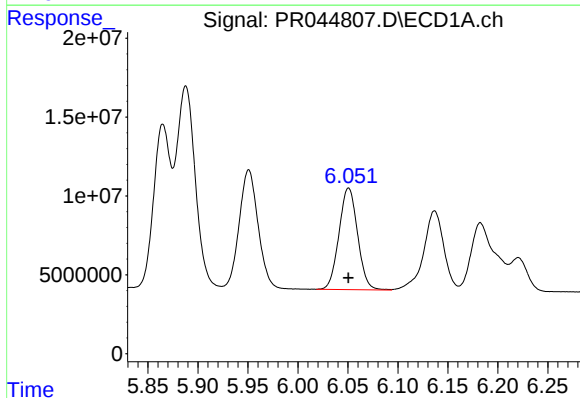
R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 168144902
Conc: 796.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



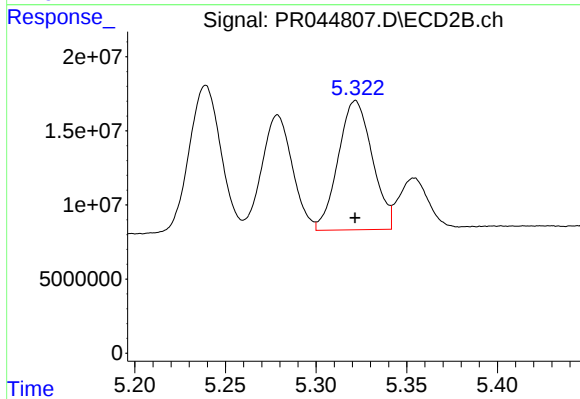
#13 AR-1232-3

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 120182344
Conc: 851.44 ng/ml



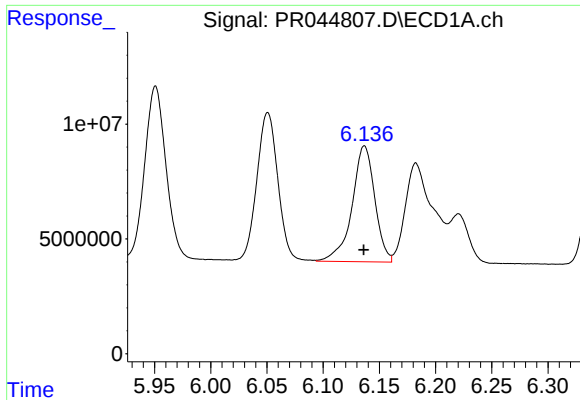
#14 AR-1232-4

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 83548073
Conc: 801.09 ng/ml



#14 AR-1232-4

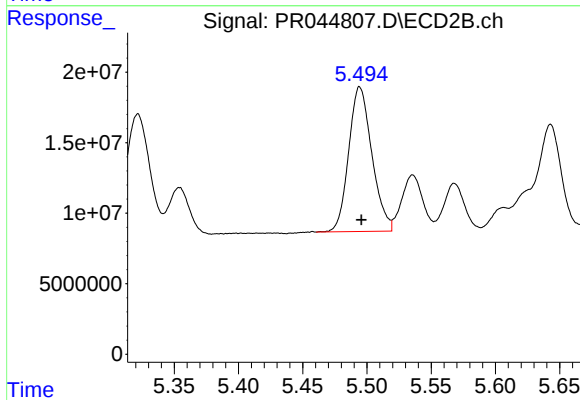
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 113929450
Conc: 943.38 ng/ml



#15 AR-1232-5

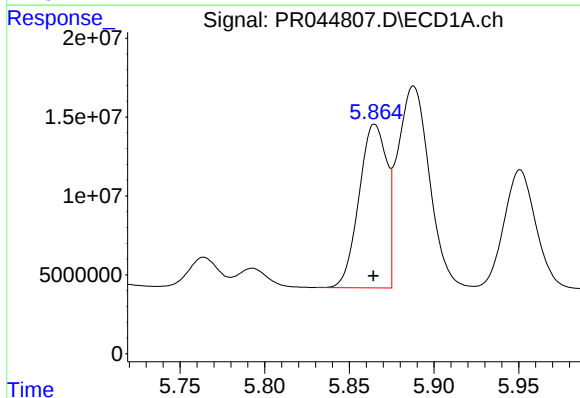
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 71094614
Conc: 952.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



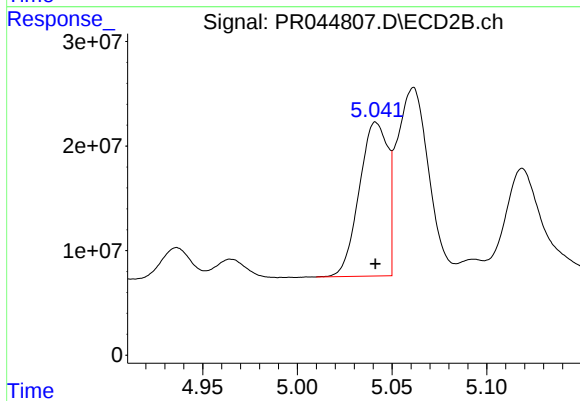
#15 AR-1232-5

R.T.: 5.494 min
Delta R.T.: -0.001 min
Response: 128834448
Conc: 940.95 ng/ml



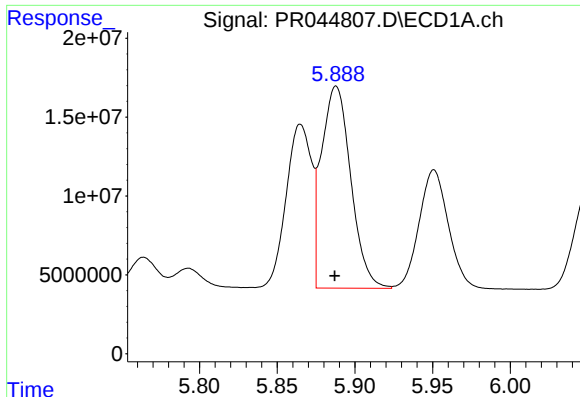
#16 AR-1242-1

R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 118216124
Conc: 423.47 ng/ml



#16 AR-1242-1

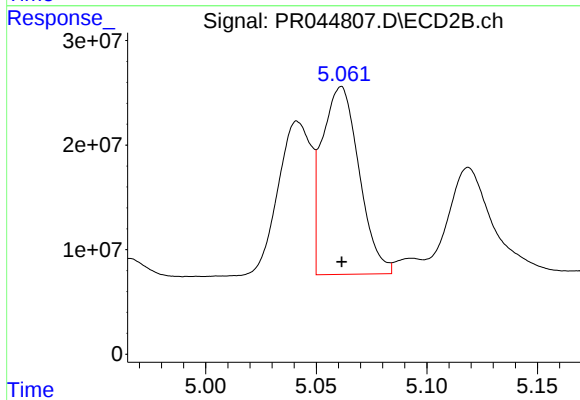
R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 153726098
Conc: 461.42 ng/ml



#17 AR-1242-2

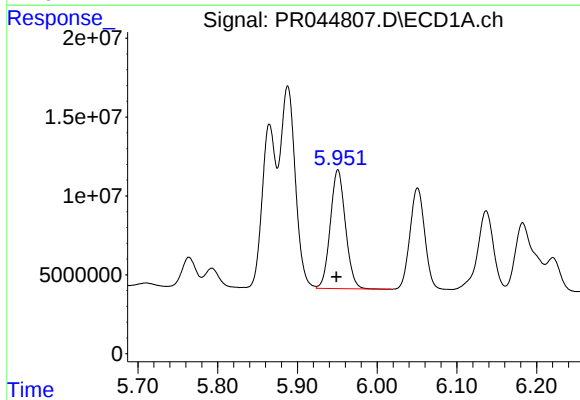
R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 168144902
Conc: 425.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



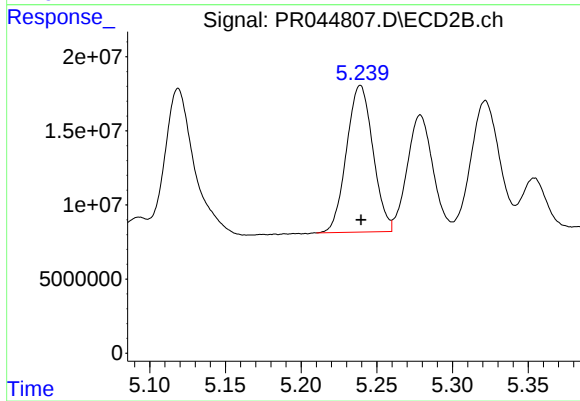
#17 AR-1242-2

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 209136199
Conc: 453.11 ng/ml



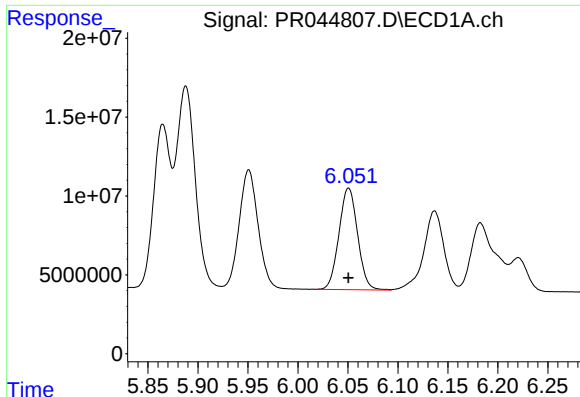
#18 AR-1242-3

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 99452901
Conc: 427.20 ng/ml



#18 AR-1242-3

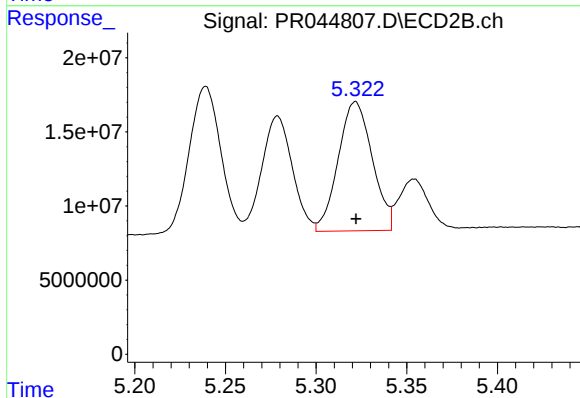
R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 120182344
Conc: 462.71 ng/ml



#19 AR-1242-4

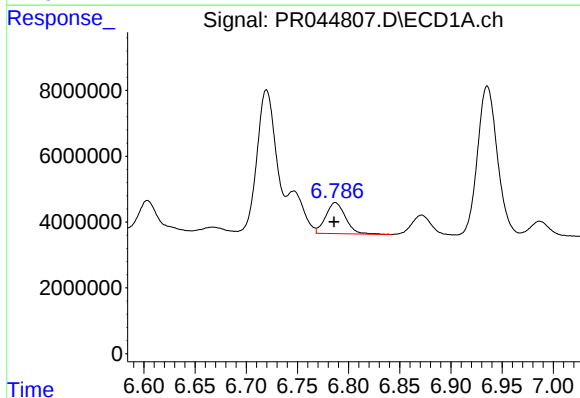
R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 83548073
Conc: 423.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



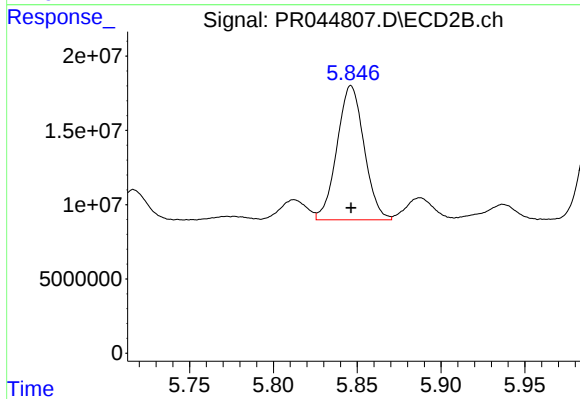
#19 AR-1242-4

R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 113929450
Conc: 466.52 ng/ml



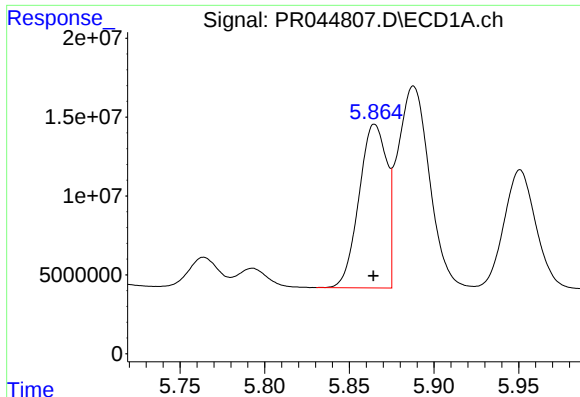
#20 AR-1242-5

R.T.: 6.787 min
Delta R.T.: 0.001 min
Response: 12718212
Conc: 58.18 ng/ml



#20 AR-1242-5

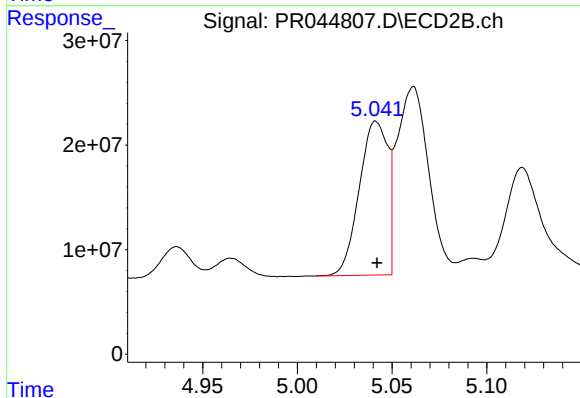
R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 101793715
Conc: 266.52 ng/ml



#21 AR-1248-1

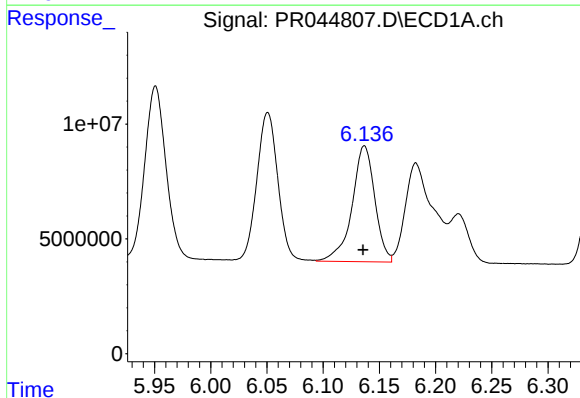
R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 118216124
Conc: 521.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



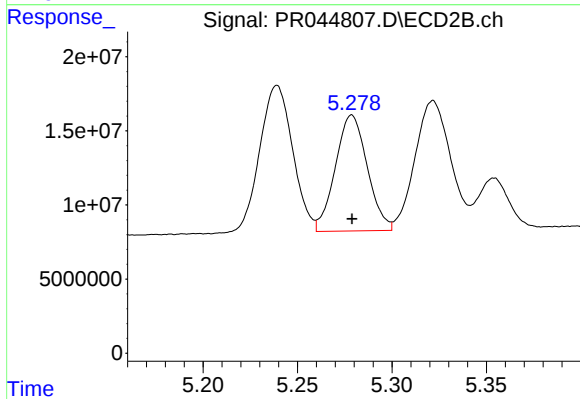
#21 AR-1248-1

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 153726098
Conc: 569.60 ng/ml



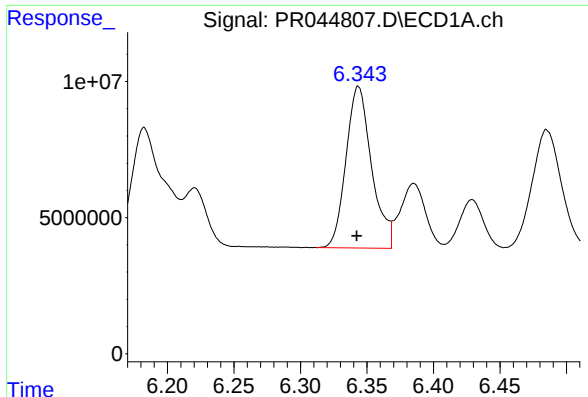
#22 AR-1248-2

R.T.: 6.137 min
Delta R.T.: 0.001 min
Response: 71094614
Conc: 236.51 ng/ml



#22 AR-1248-2

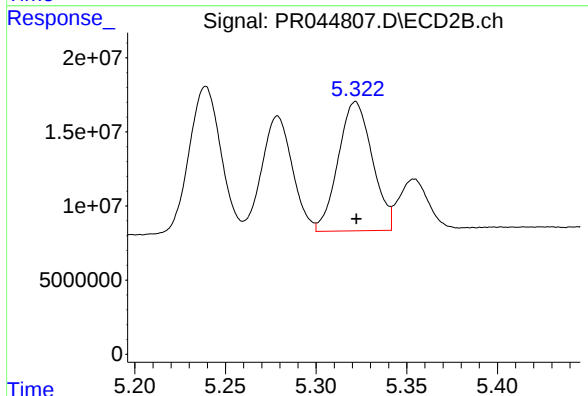
R.T.: 5.279 min
Delta R.T.: 0.000 min
Response: 92132534
Conc: 262.30 ng/ml



#23 AR-1248-3

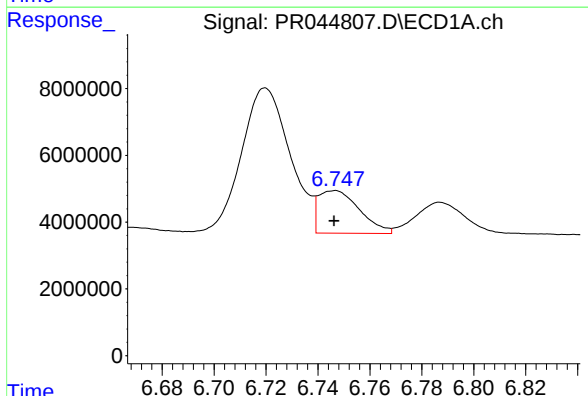
R.T.: 6.344 min
Delta R.T.: 0.001 min
Response: 79604068
Conc: 239.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



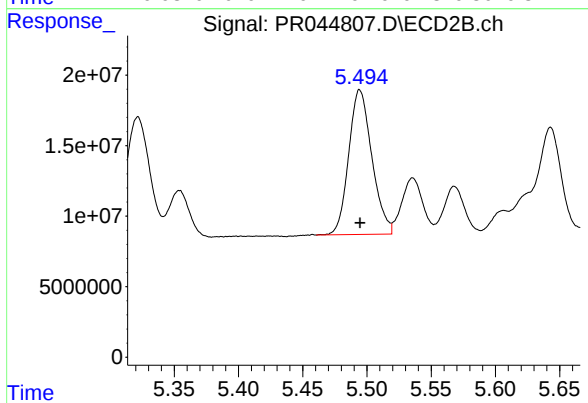
#23 AR-1248-3

R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 113929450
Conc: 312.49 ng/ml



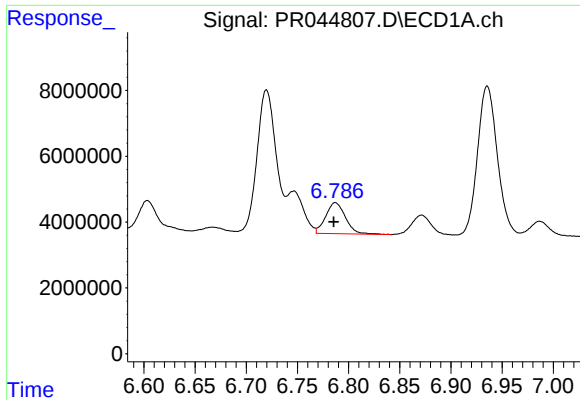
#24 AR-1248-4

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 14048026
Conc: 36.08 ng/ml



#24 AR-1248-4

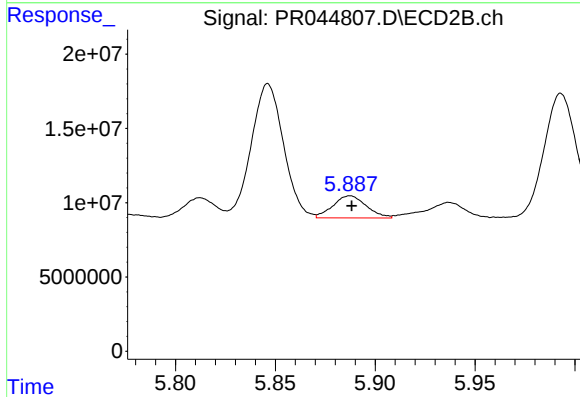
R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 128834448
Conc: 271.31 ng/ml



#25 AR-1248-5

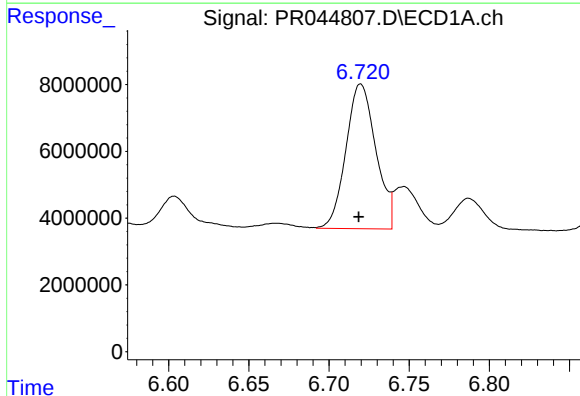
R.T.: 6.787 min
Delta R.T.: 0.002 min
Response: 12718212
Conc: 34.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



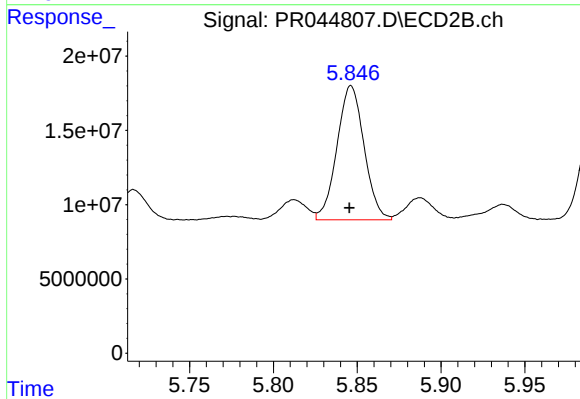
#25 AR-1248-5

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 17331726
Conc: 33.40 ng/ml



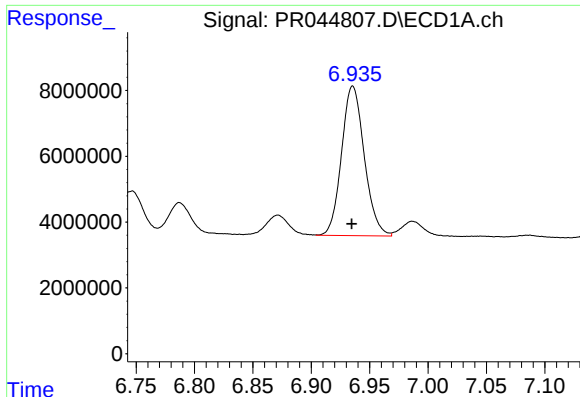
#26 AR-1254-1

R.T.: 6.720 min
Delta R.T.: 0.001 min
Response: 56268616
Conc: 145.96 ng/ml



#26 AR-1254-1

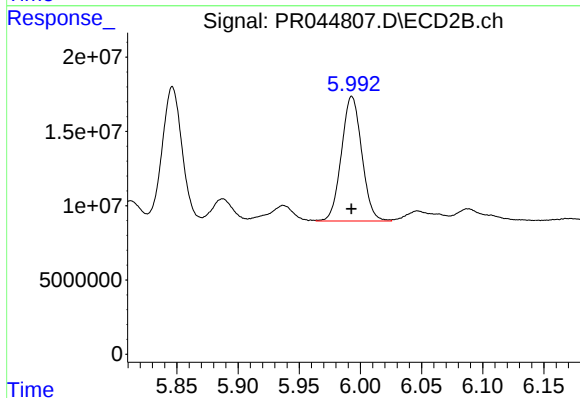
R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 101793715
Conc: 127.79 ng/ml



#27 AR-1254-2

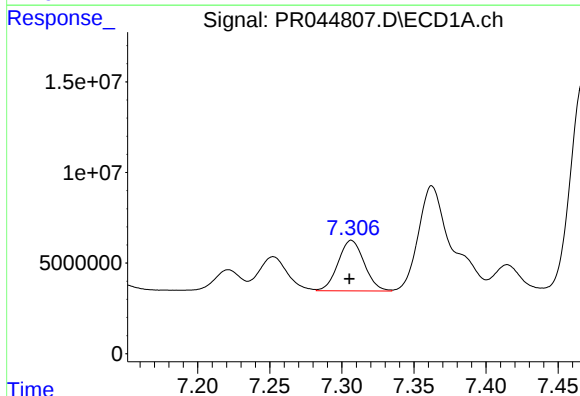
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 61616042
Conc: 103.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



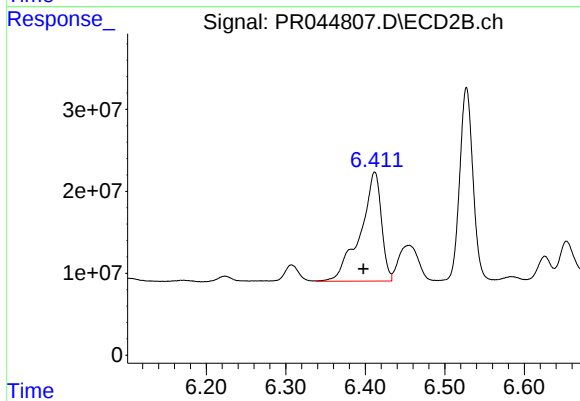
#27 AR-1254-2

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 97135246
Conc: 136.72 ng/ml



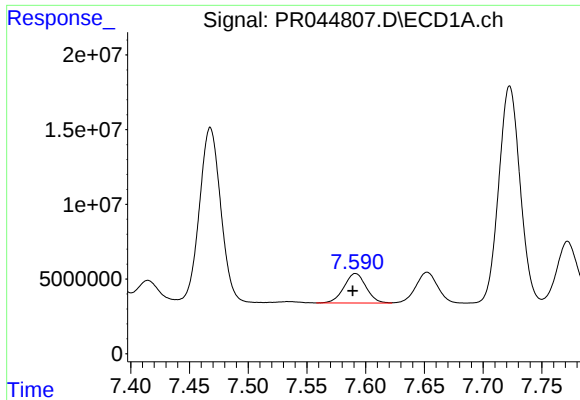
#28 AR-1254-3

R.T.: 7.307 min
Delta R.T.: 0.001 min
Response: 34994899
Conc: 55.92 ng/ml



#28 AR-1254-3

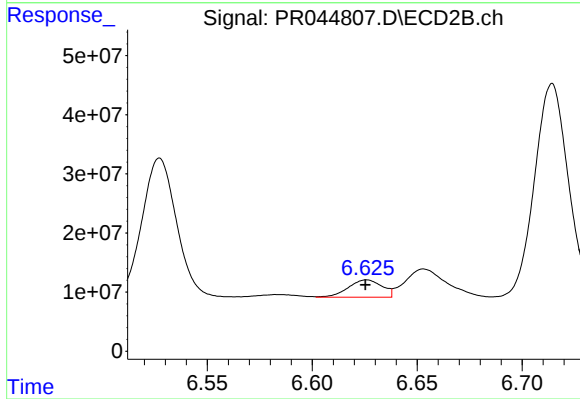
R.T.: 6.412 min
Delta R.T.: 0.014 min
Response: 245219593
Conc: 207.92 ng/ml



#29 AR-1254-4

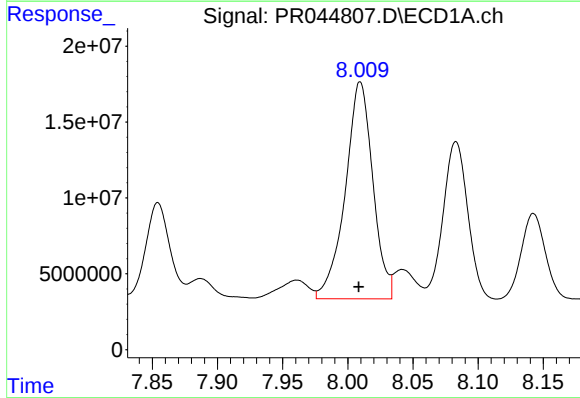
R.T.: 7.591 min
Delta R.T.: 0.003 min
Response: 25790356
Conc: 54.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



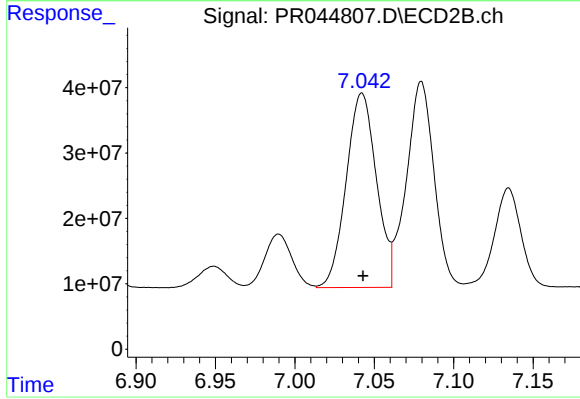
#29 AR-1254-4

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 32759053
Conc: 37.49 ng/ml



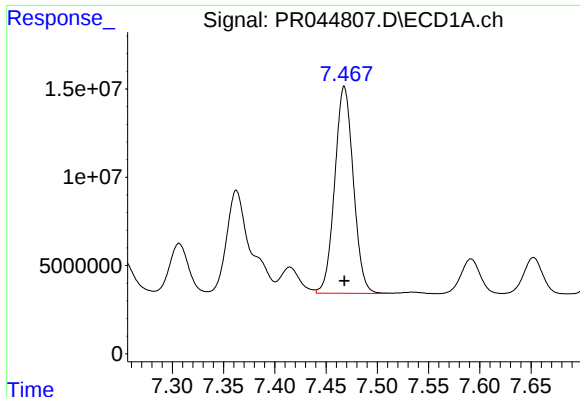
#30 AR-1254-5

R.T.: 8.009 min
Delta R.T.: 0.001 min
Response: 210802930
Conc: 429.36 ng/ml



#30 AR-1254-5

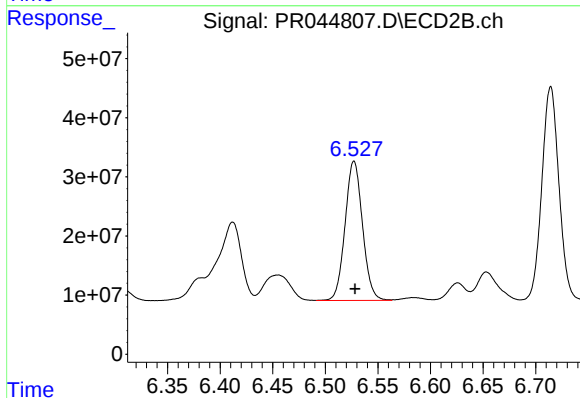
R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 394311129
Conc: 368.53 ng/ml



#31 AR-1260-1

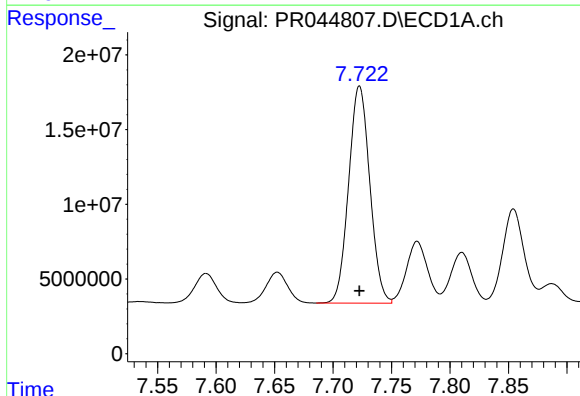
R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 148148074
Conc: 387.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



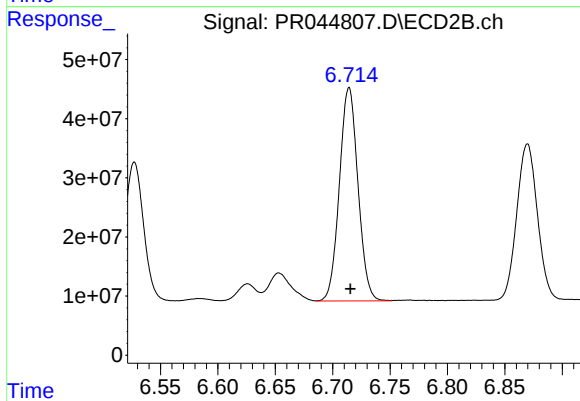
#31 AR-1260-1

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 272018480
Conc: 406.07 ng/ml



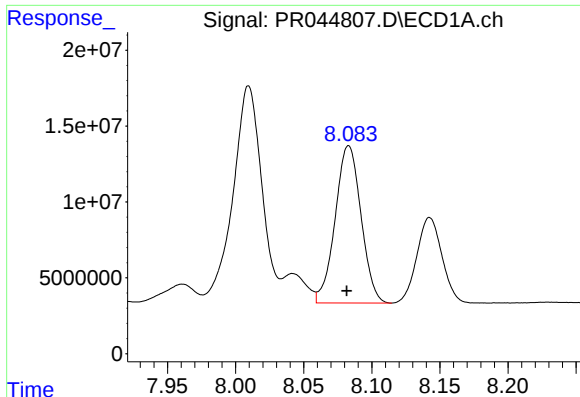
#32 AR-1260-2

R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 183526998
Conc: 389.17 ng/ml



#32 AR-1260-2

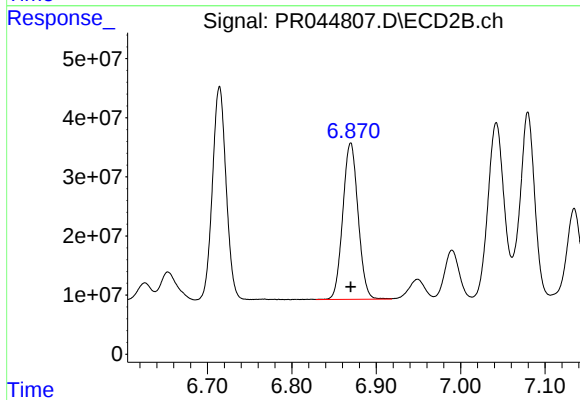
R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 406477694
Conc: 374.58 ng/ml



#33 AR-1260-3

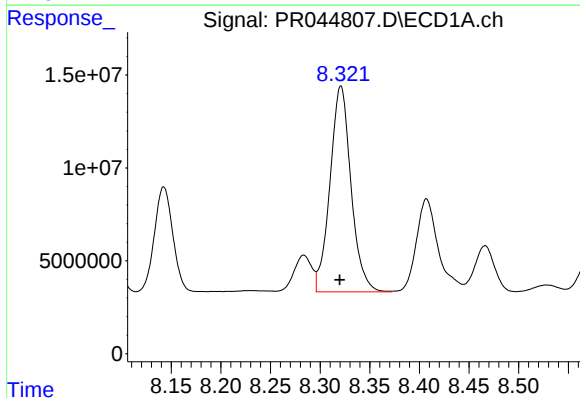
R.T.: 8.083 min
Delta R.T.: 0.001 min
Response: 136940424
Conc: 369.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



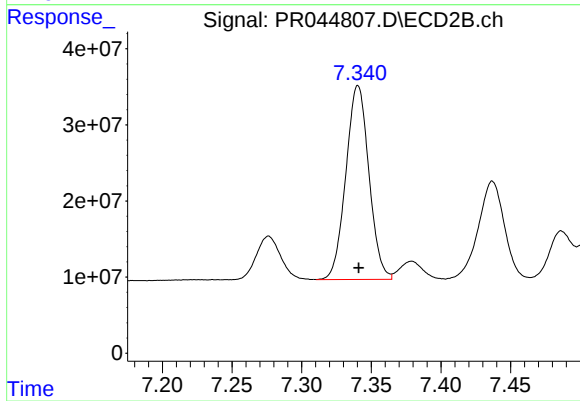
#33 AR-1260-3

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 333417446
Conc: 380.13 ng/ml



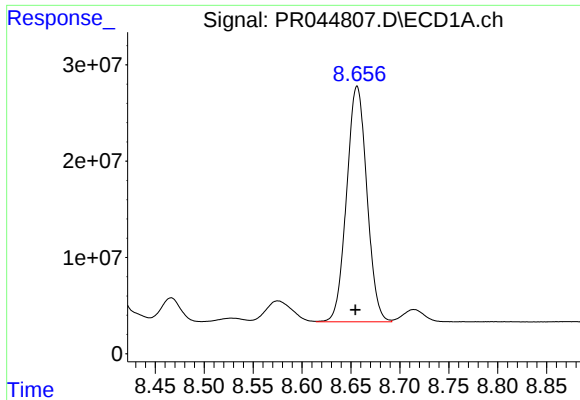
#34 AR-1260-4

R.T.: 8.321 min
Delta R.T.: 0.001 min
Response: 163238583
Conc: 389.74 ng/ml



#34 AR-1260-4

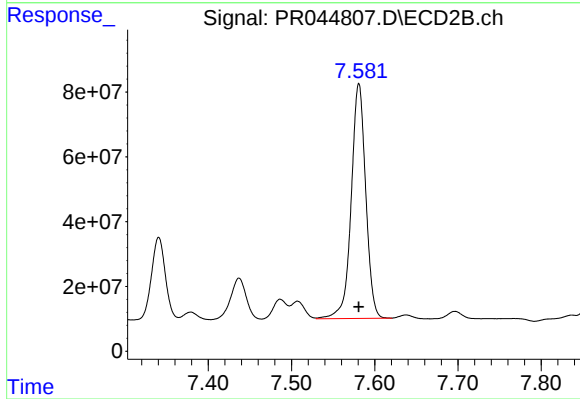
R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 294403390
Conc: 385.58 ng/ml



#35 AR-1260-5

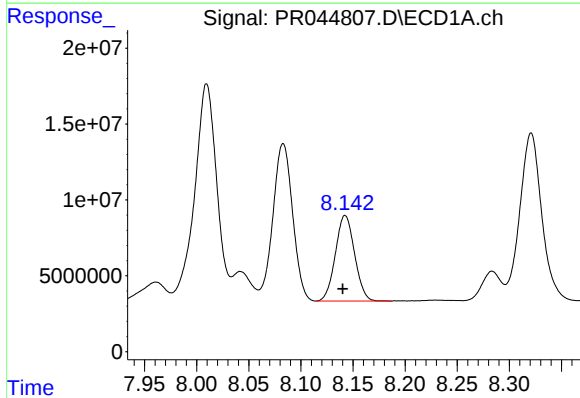
R.T.: 8.656 min
Delta R.T.: 0.002 min
Response: 353192507
Conc: 389.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



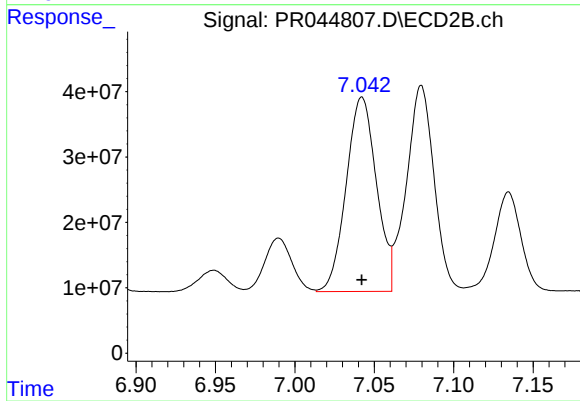
#35 AR-1260-5

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 878061185
Conc: 397.17 ng/ml



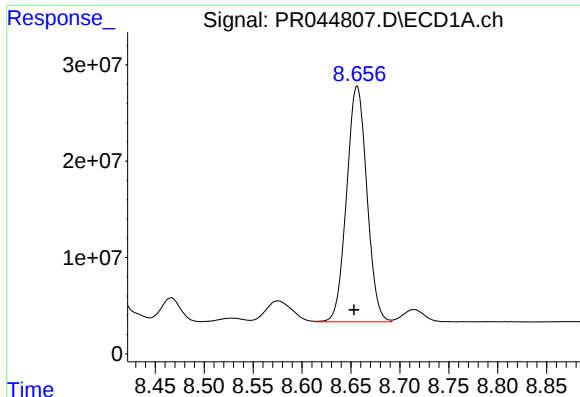
#36 AR-1262-1

R.T.: 8.142 min
Delta R.T.: 0.002 min
Response: 72238552
Conc: 300.18 ng/ml



#36 AR-1262-1

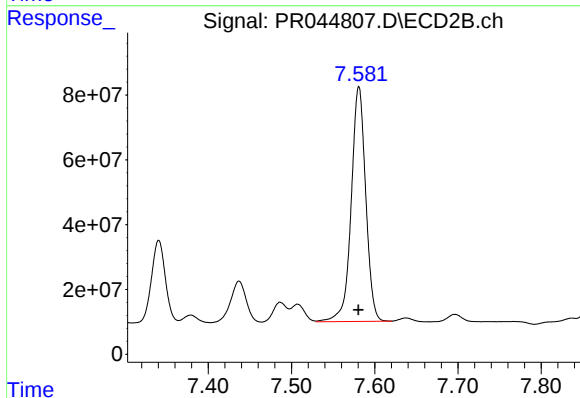
R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 394311129
Conc: 674.53 ng/ml



#37 AR-1262-2

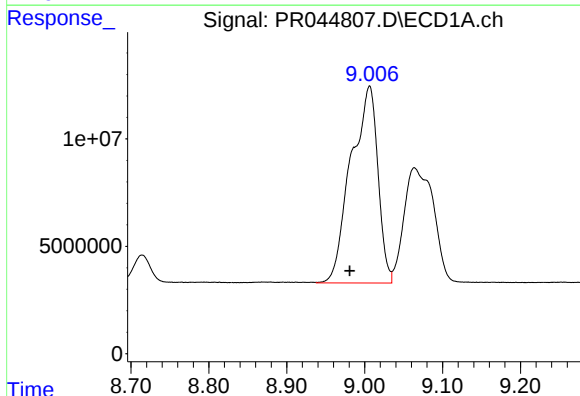
R.T.: 8.656 min
Delta R.T.: 0.003 min
Response: 353192507
Conc: 310.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



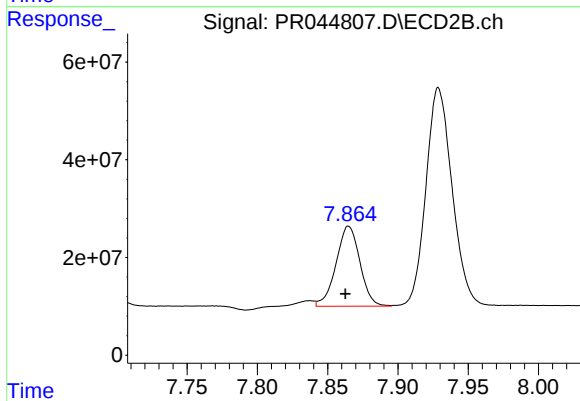
#37 AR-1262-2

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 878061185
Conc: 334.94 ng/ml



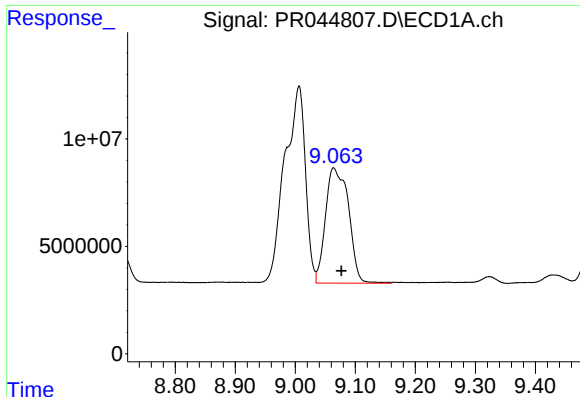
#38 AR-1262-3

R.T.: 9.006 min
Delta R.T.: 0.025 min
Response: 219858953
Conc: 294.48 ng/ml



#38 AR-1262-3

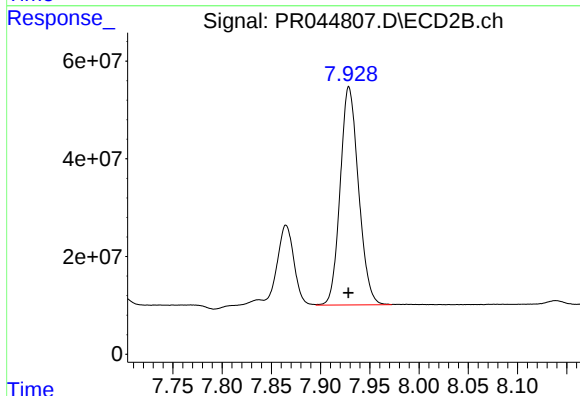
R.T.: 7.865 min
Delta R.T.: 0.002 min
Response: 193571888
Conc: 181.96 ng/ml



#39 AR-1262-4

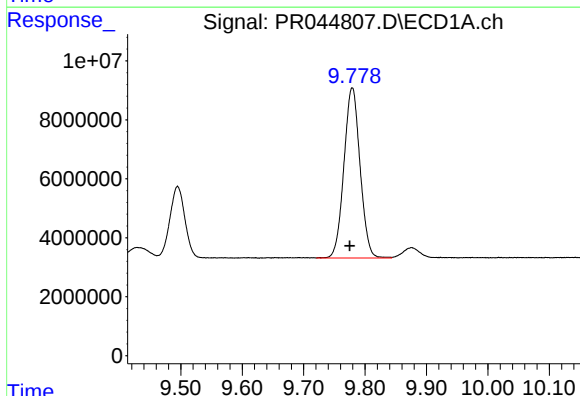
R.T.: 9.064 min
Delta R.T.: -0.013 min
Response: 142651902
Conc: 247.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



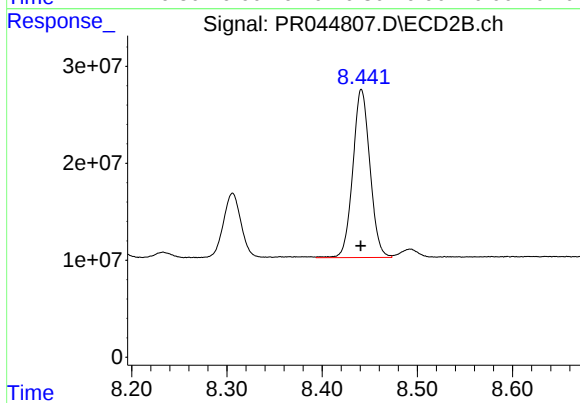
#39 AR-1262-4

R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 579002217
Conc: 331.74 ng/ml



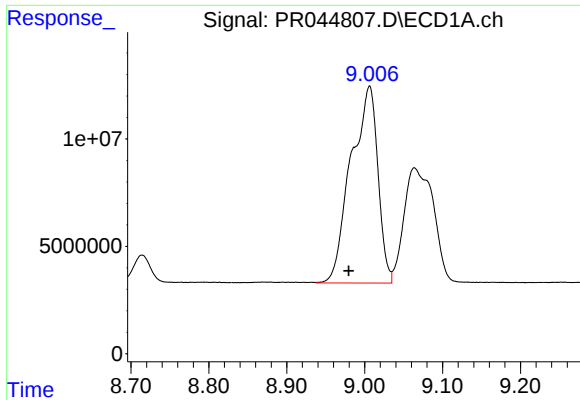
#40 AR-1262-5

R.T.: 9.779 min
Delta R.T.: 0.004 min
Response: 105262470
Conc: 262.66 ng/ml



#40 AR-1262-5

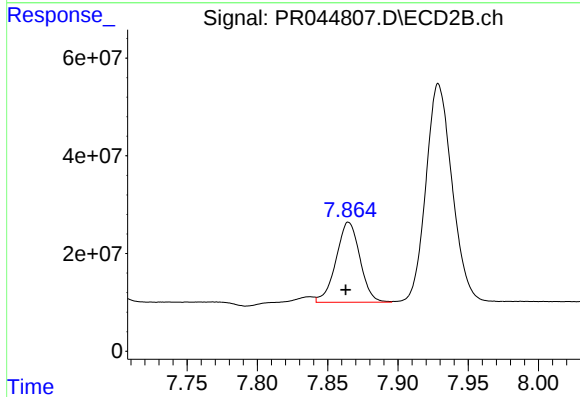
R.T.: 8.441 min
Delta R.T.: 0.000 min
Response: 216464018
Conc: 274.38 ng/ml



#41 AR-1268-1

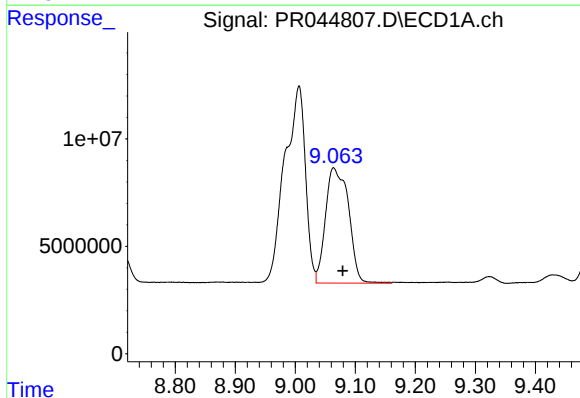
R.T.: 9.006 min
Delta R.T.: 0.027 min
Response: 219858953
Conc: 162.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



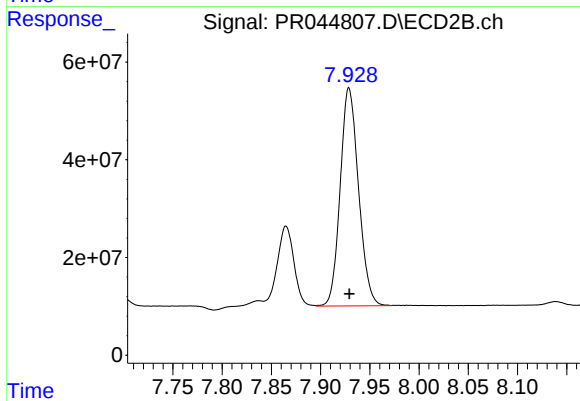
#41 AR-1268-1

R.T.: 7.865 min
Delta R.T.: 0.002 min
Response: 193571888
Conc: 63.24 ng/ml



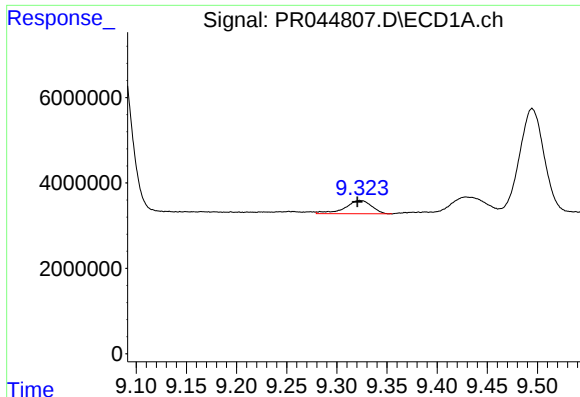
#42 AR-1268-2

R.T.: 9.064 min
Delta R.T.: -0.015 min
Response: 142651902
Conc: 111.61 ng/ml



#42 AR-1268-2

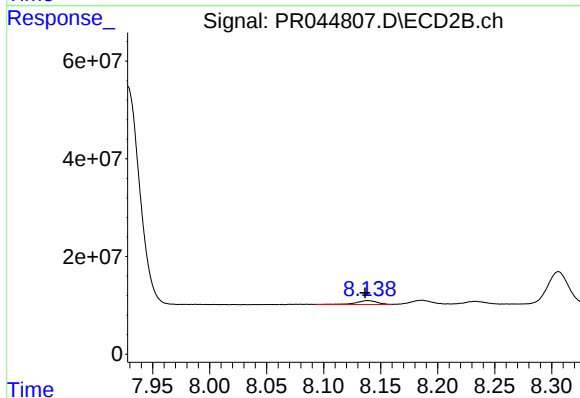
R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 579002217
Conc: 221.98 ng/ml



#43 AR-1268-3

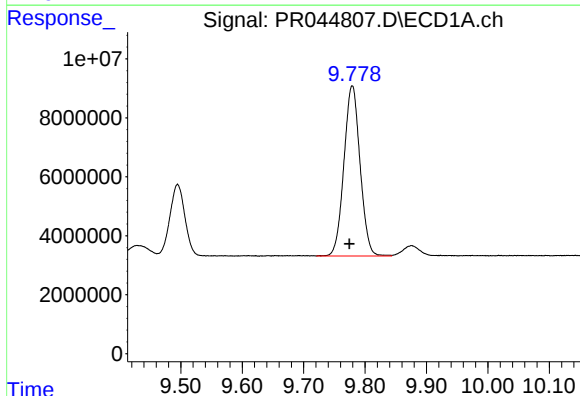
R.T.: 9.323 min
Delta R.T.: 0.003 min
Response: 5792227
Conc: 5.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



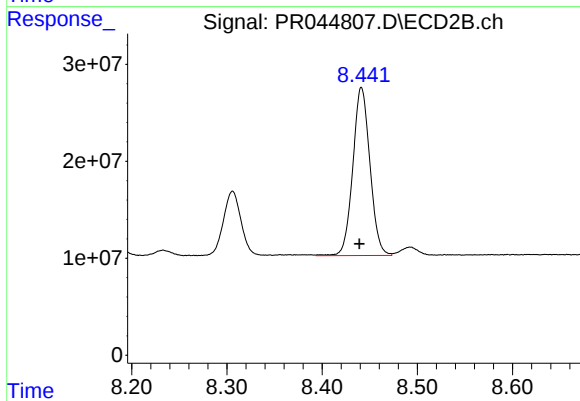
#43 AR-1268-3

R.T.: 8.139 min
Delta R.T.: 0.002 min
Response: 10729768
Conc: 4.81 ng/ml



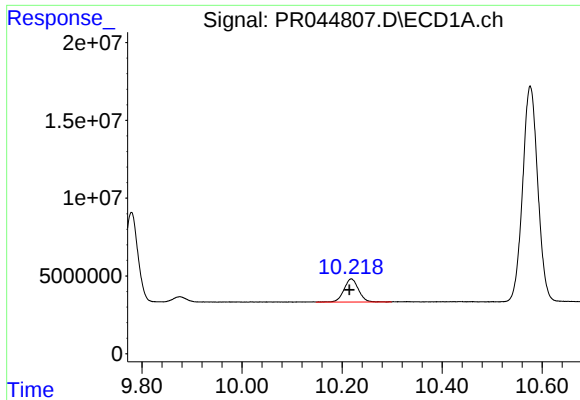
#44 AR-1268-4

R.T.: 9.779 min
Delta R.T.: 0.004 min
Response: 105262470
Conc: 233.14 ng/ml



#44 AR-1268-4

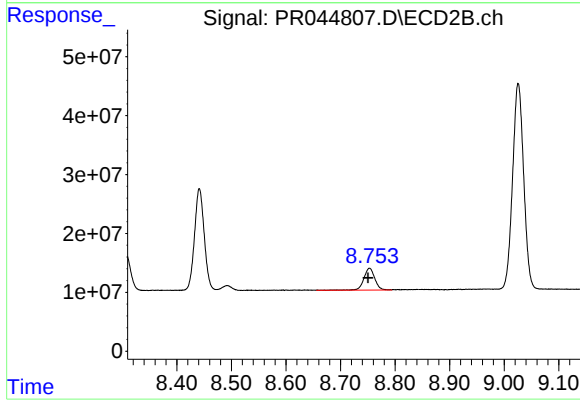
R.T.: 8.441 min
Delta R.T.: 0.002 min
Response: 216464018
Conc: 243.27 ng/ml



#45 AR-1268-5

R.T.: 10.219 min
Delta R.T.: 0.004 min
Response: 30102904
Conc: 8.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.753 min
Delta R.T.: 0.003 min
Response: 52428108
Conc: 8.33 ng/ml