

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092619\
 Data File : PR041524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2019 11:48
 Operator : SM\AJ
 Sample : K4988-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ESNY8MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:33:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 24 04:36:18 2019
 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...	4.739	4.005	18265344	76707216	13.760	12.681
2)	SA Decachlor...	10.661	9.123	48970222	145.3E6	15.342	13.469
Target Compounds							
3)	L1 AR-1016-1	5.913	5.102	35016864	75171846	547.593	510.159
4)	L1 AR-1016-2	5.936	5.122	50660973	102.0E6	556.332	495.460
5)	L1 AR-1016-3	5.999	5.301	28467762	58246225	518.767	492.202
6)	L1 AR-1016-4	6.099	5.340	25736615	52104345	536.577	534.864
7)	L1 AR-1016-5	6.393	5.557	29499372	73108868	596.285	525.874
8)	L2 AR-1221-1	4.941	4.215	1898348	5523387	146.579	96.366 #
9)	L2 AR-1221-2	5.034	4.305	2541156	7198288	190.482	206.407
10)	L2 AR-1221-3	5.112	4.382	12397550	28837970	339.444	271.953
11)	L3 AR-1232-1	5.112	4.382	12397550	28837970	425.057	357.770
12)	L3 AR-1232-2	5.646	5.122	23483165	102.0E6	1435.405	1048.850 #
13)	L3 AR-1232-3	5.936	5.301	50660973	58246225	1336.271	1297.140
14)	L3 AR-1232-4	6.099	5.384	25736615	67121272	1394.811	1602.461
15)	L3 AR-1232-5	6.186	5.557	25879095	73108868	1872.896	1366.671 #
16)	L4 AR-1242-1	5.913	5.102	35016864	75171846	680.781	670.391
17)	L4 AR-1242-2	5.936	5.122	50660973	102.0E6	695.081	637.980
18)	L4 AR-1242-3	5.999	5.301	28467762	58246225	643.820	642.142
19)	L4 AR-1242-4	6.099	5.384	25736615	67121272	701.566	713.257
20)	L4 AR-1242-5	6.836	5.911	24910598	106.9E6	485.983	630.447 #
21)	L5 AR-1248-1	5.913	5.102	35016864	75171846	953.987	891.846
22)	L5 AR-1248-2	6.186	5.340	25879095	52104345	469.823	428.388
23)	L5 AR-1248-3	6.393	5.384	29499372	67121272	459.419	529.437
24)	L5 AR-1248-4	6.796	5.557	16163540	73108868	189.395	435.570 #
25)	L5 AR-1248-5	6.836	5.952	24910598	67399752	305.709	309.554
26)	L6 AR-1254-1	6.769	5.911	29444469	106.9E6	353.827	329.780
27)	L6 AR-1254-2	6.986	6.058	45827941	99998644	326.143	327.324
28)	L6 AR-1254-3	7.356	6.477	31778178	252.6E6	187.551	451.462 #
29)	L6 AR-1254-4	7.640	6.692	27617835	71838032	203.455	168.335
30)	L6 AR-1254-5	8.058	7.112	114.2E6	324.7E6	742.893	561.253
31)	L7 AR-1260-1	7.518	6.595	66546151	183.4E6	561.957	470.977
32)	L7 AR-1260-2	7.773	6.781	85275500	263.9E6	577.862	489.471
33)	L7 AR-1260-3	8.134	6.938	53263918	227.7E6	459.287	487.472
34)	L7 AR-1260-4	8.373	7.412	73948694	176.8E6	517.936	417.063
35)	L7 AR-1260-5	8.713	7.650	145.2E6	528.6E6	471.371	433.917
36)	L8 AR-1262-1	8.194	7.112	28437724	324.7E6	369.227	970.097 #
37)	L8 AR-1262-2	8.713	7.650	145.2E6	528.6E6	383.041	382.746
38)	L8 AR-1262-3	9.066	7.937	92935103	97271706	352.475	170.073 #
39)	L8 AR-1262-4	9.123	8.001	44734716	314.8E6	226.543	310.631 #
40)	L8 AR-1262-5	9.848	8.519	38789852	129.1E6	247.740	230.655
41)	L9 AR-1268-1	9.066	7.937	92935103	97271706	193.254	57.480 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092619\
Data File : PR041524.D
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Acq On : 26 Sep 2019 11:48
Operator : SM\AJ
Sample : K4988-07MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

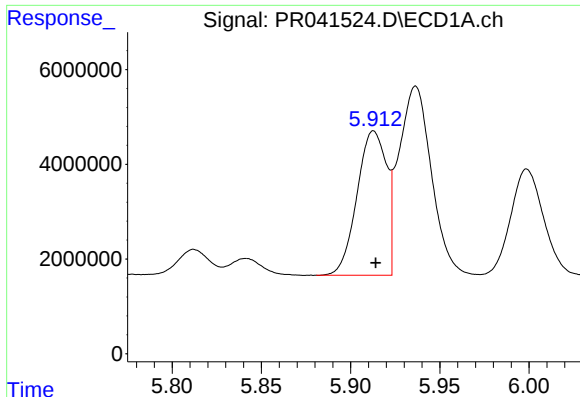
Instrument :
ECD_R
ClientSampleId :
ESNY8MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 01:33:31 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 24 04:36:18 2019
Response via : Initial Calibration
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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	9.123	8.001	44734716	314.8E6	101.144	201.219 #
43)	L9 AR-1268-3	9.389	8.218	2783183	8254200	7.532	6.239
44)	L9 AR-1268-4	9.848	8.519	38789852	129.1E6	221.560	215.143
45)	L9 AR-1268-5	10.295	8.839	13207141	39662978	9.338	8.998

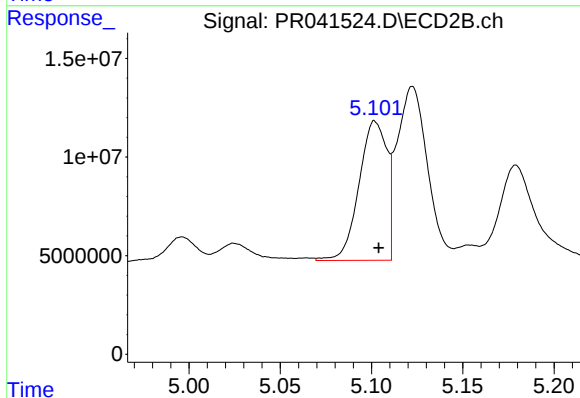
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

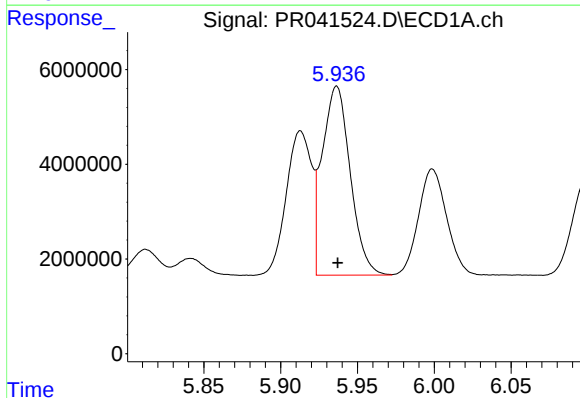
R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 35016864
Conc: 547.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



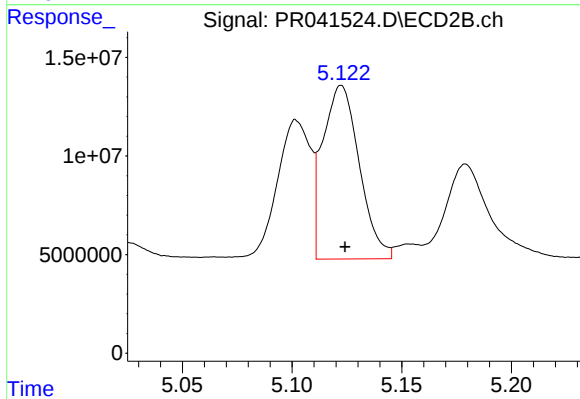
#3 AR-1016-1

R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 75171846
Conc: 510.16 ng/ml



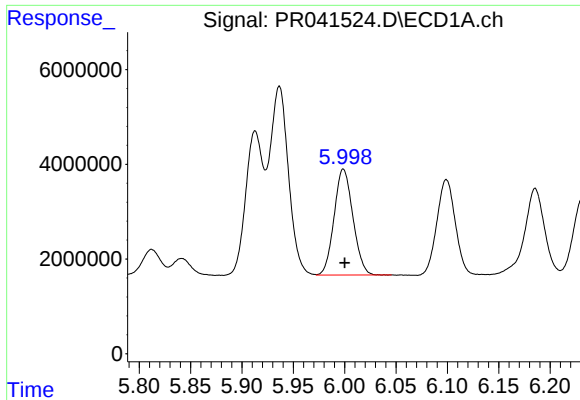
#4 AR-1016-2

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 50660973
Conc: 556.33 ng/ml



#4 AR-1016-2

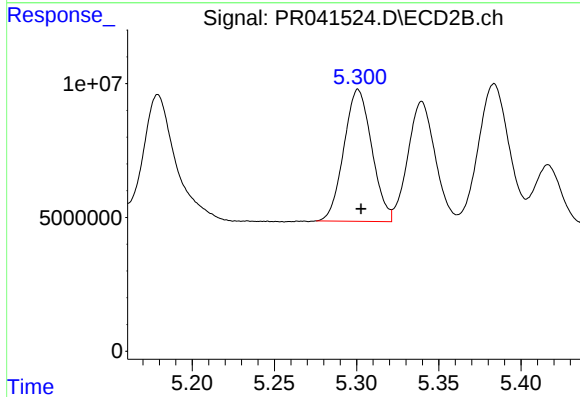
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 102005773
Conc: 495.46 ng/ml



#5 AR-1016-3

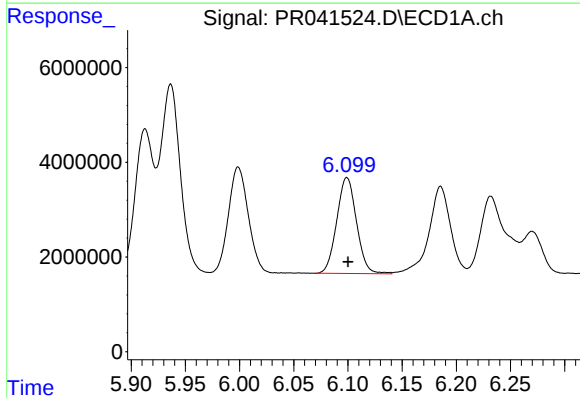
R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 28467762
Conc: 518.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



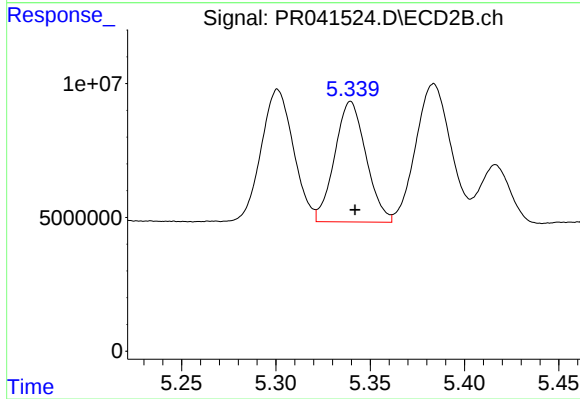
#5 AR-1016-3

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 58246225
Conc: 492.20 ng/ml



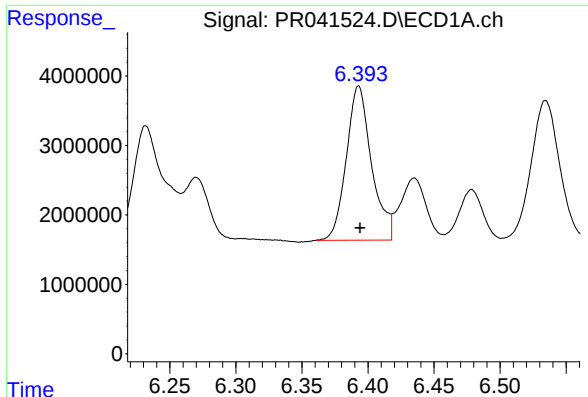
#6 AR-1016-4

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 25736615
Conc: 536.58 ng/ml



#6 AR-1016-4

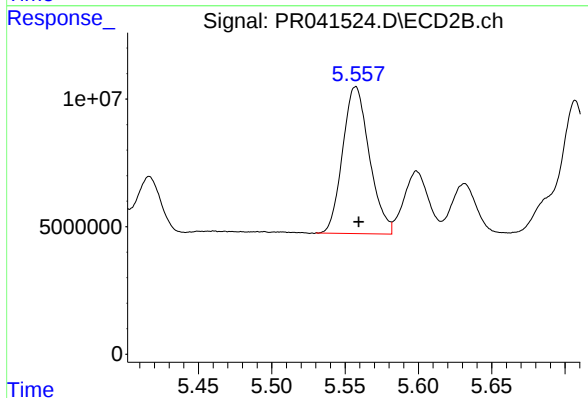
R.T.: 5.340 min
Delta R.T.: -0.002 min
Response: 52104345
Conc: 534.86 ng/ml



#7 AR-1016-5

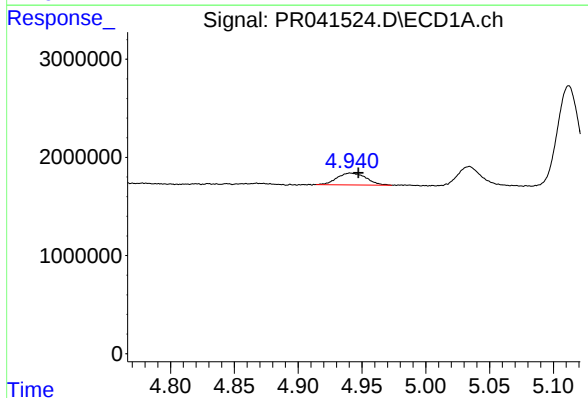
R.T.: 6.393 min
Delta R.T.: -0.001 min
Response: 29499372
Conc: 596.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



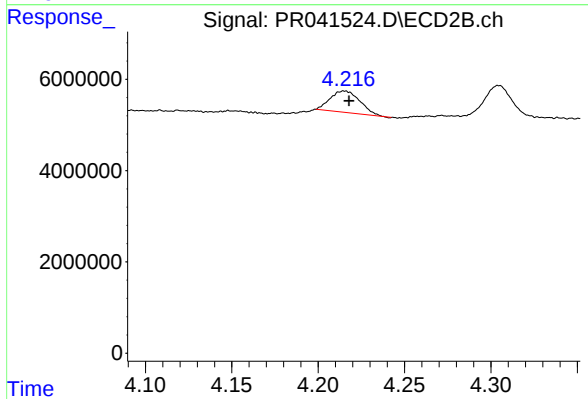
#7 AR-1016-5

R.T.: 5.557 min
Delta R.T.: -0.002 min
Response: 73108868
Conc: 525.87 ng/ml



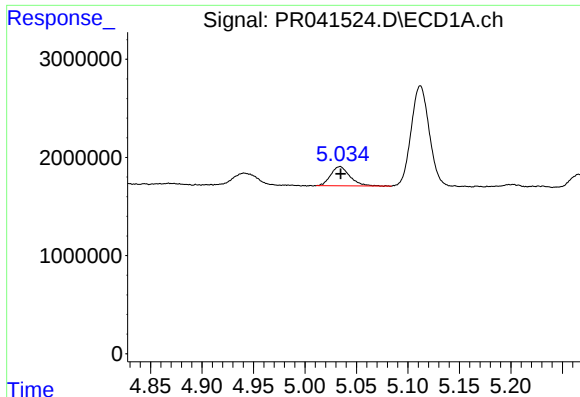
#8 AR-1221-1

R.T.: 4.941 min
Delta R.T.: -0.006 min
Response: 1898348
Conc: 146.58 ng/ml



#8 AR-1221-1

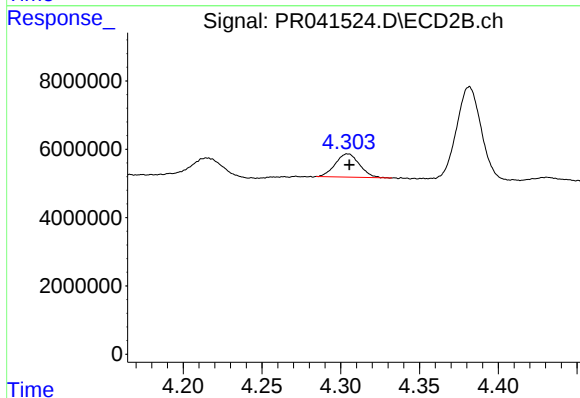
R.T.: 4.215 min
Delta R.T.: -0.003 min
Response: 5523387
Conc: 96.37 ng/ml



#9 AR-1221-2

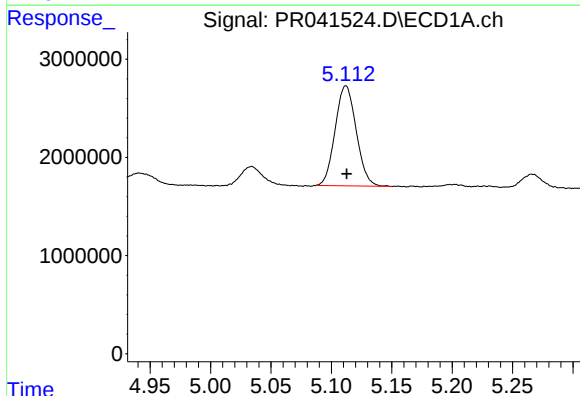
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 2541156
Conc: 190.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



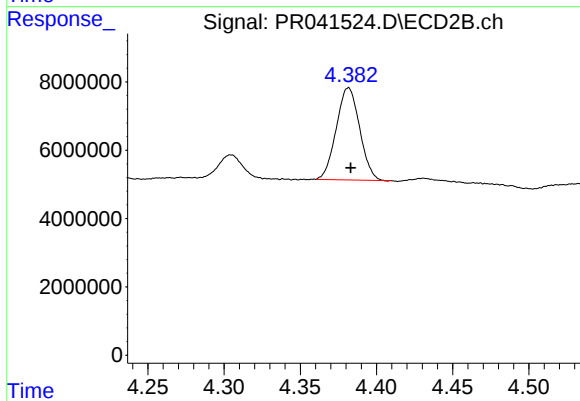
#9 AR-1221-2

R.T.: 4.305 min
Delta R.T.: -0.001 min
Response: 7198288
Conc: 206.41 ng/ml



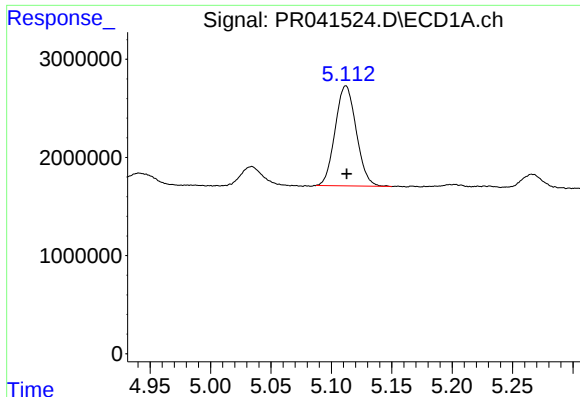
#10 AR-1221-3

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 12397550
Conc: 339.44 ng/ml



#10 AR-1221-3

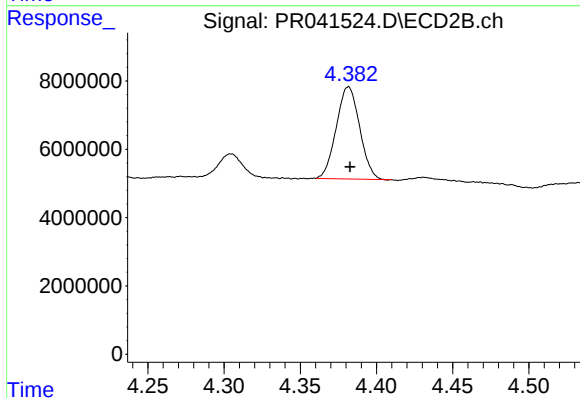
R.T.: 4.382 min
Delta R.T.: -0.001 min
Response: 28837970
Conc: 271.95 ng/ml



#11 AR-1232-1

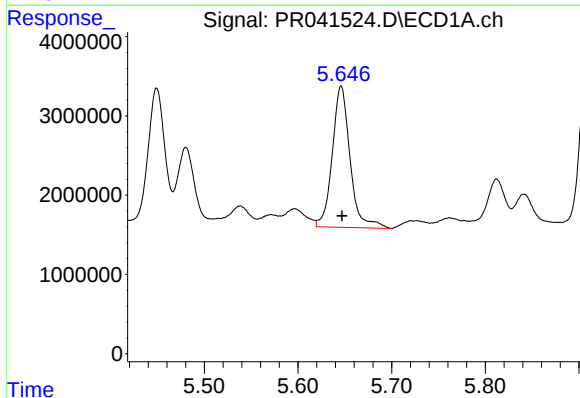
R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 12397550
Conc: 425.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



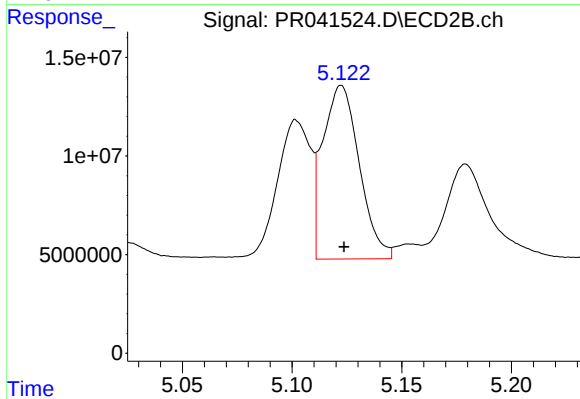
#11 AR-1232-1

R.T.: 4.382 min
Delta R.T.: -0.001 min
Response: 28837970
Conc: 357.77 ng/ml



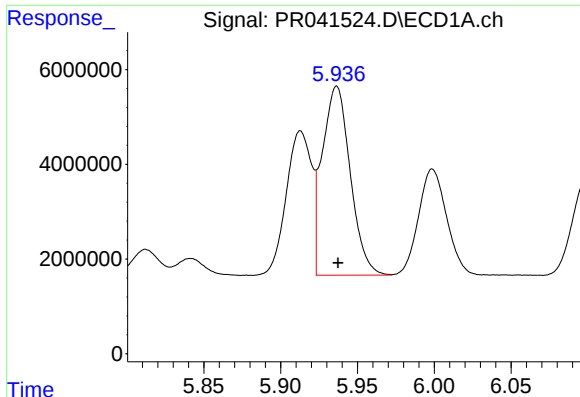
#12 AR-1232-2

R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 23483165
Conc: 1435.40 ng/ml



#12 AR-1232-2

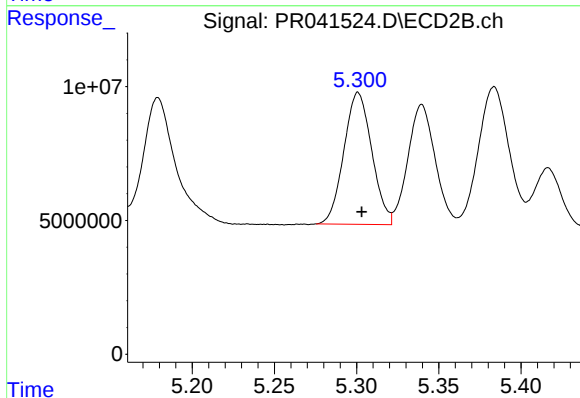
R.T.: 5.122 min
Delta R.T.: -0.001 min
Response: 102005773
Conc: 1048.85 ng/ml



#13 AR-1232-3

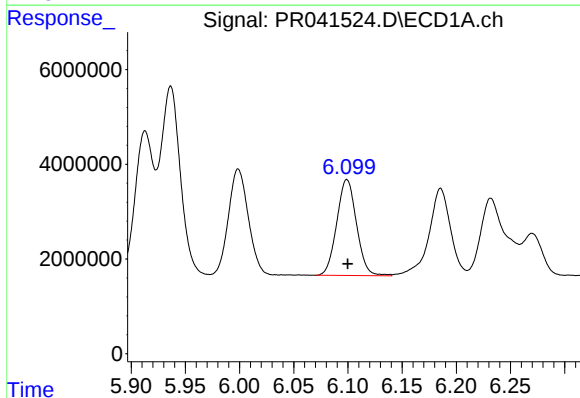
R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 50660973
Conc: 1336.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



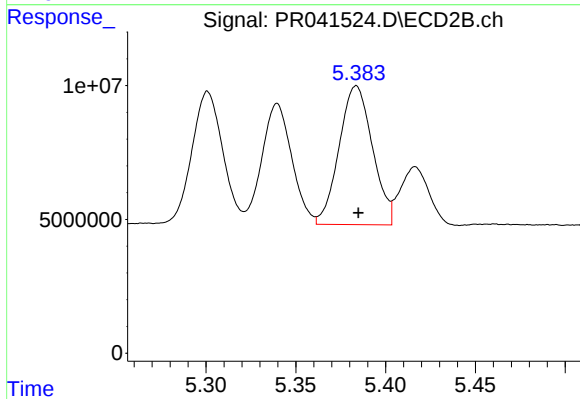
#13 AR-1232-3

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 58246225
Conc: 1297.14 ng/ml



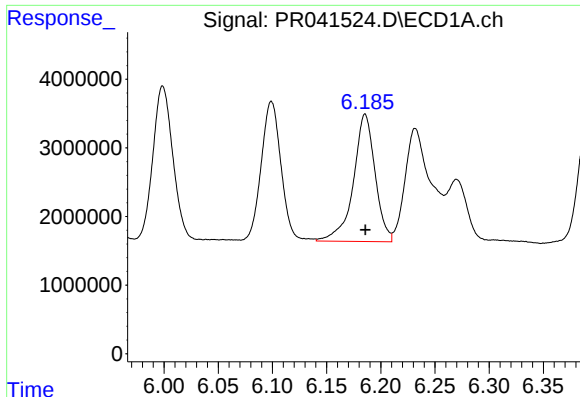
#14 AR-1232-4

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 25736615
Conc: 1394.81 ng/ml



#14 AR-1232-4

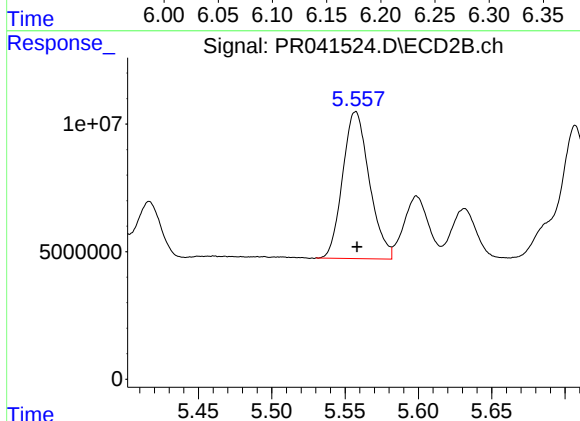
R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 67121272
Conc: 1602.46 ng/ml



#15 AR-1232-5

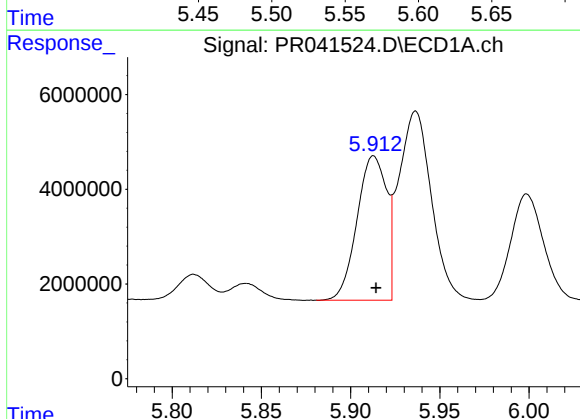
R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 25879095
Conc: 1872.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



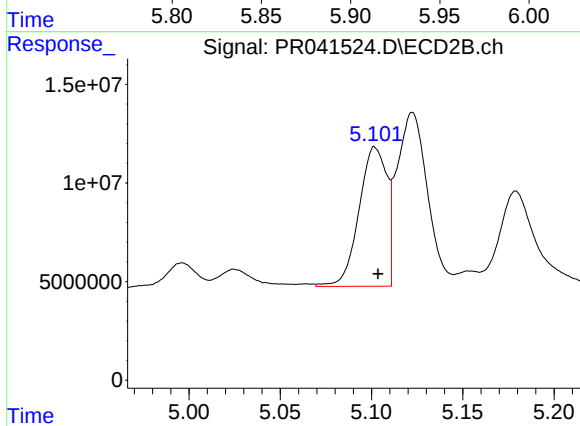
#15 AR-1232-5

R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 73108868
Conc: 1366.67 ng/ml



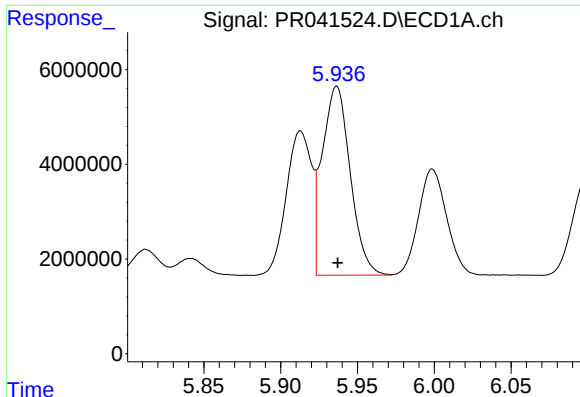
#16 AR-1242-1

R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 35016864
Conc: 680.78 ng/ml



#16 AR-1242-1

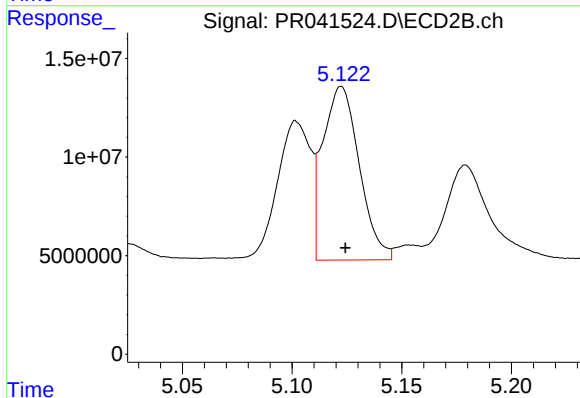
R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 75171846
Conc: 670.39 ng/ml



#17 AR-1242-2

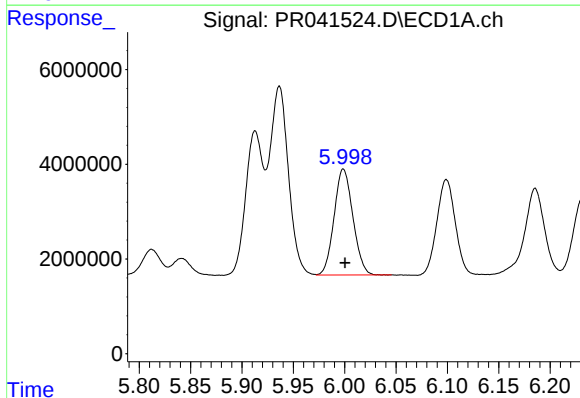
R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 50660973
Conc: 695.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



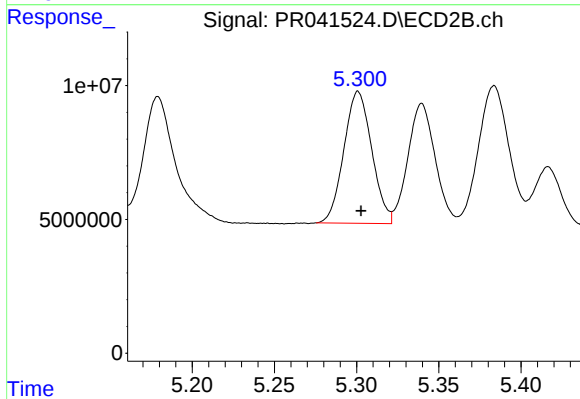
#17 AR-1242-2

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 102005773
Conc: 637.98 ng/ml



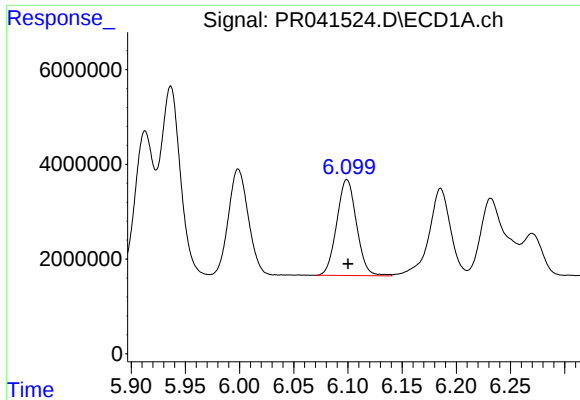
#18 AR-1242-3

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 28467762
Conc: 643.82 ng/ml



#18 AR-1242-3

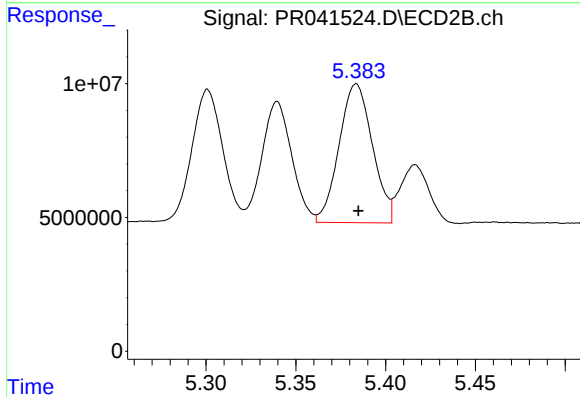
R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 58246225
Conc: 642.14 ng/ml



#19 AR-1242-4

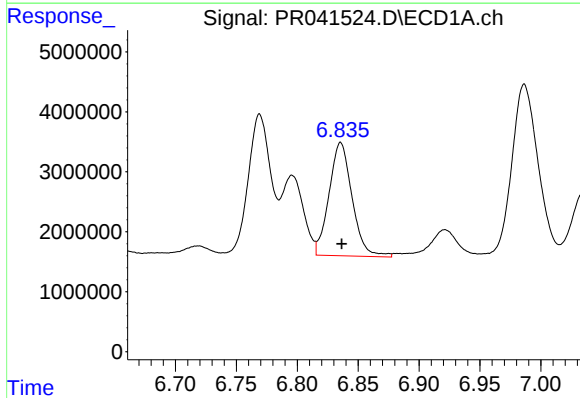
R.T.: 6.099 min
Delta R.T.: -0.001 min
Response: 25736615
Conc: 701.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



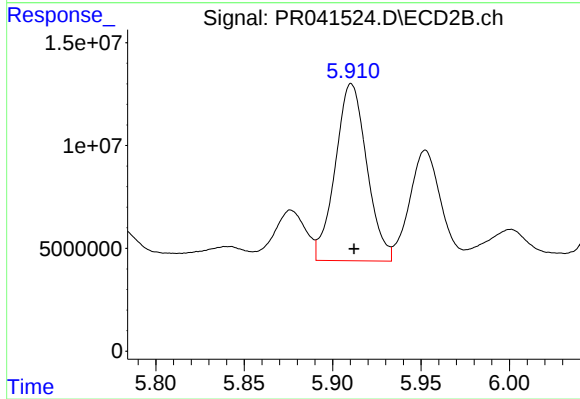
#19 AR-1242-4

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 67121272
Conc: 713.26 ng/ml



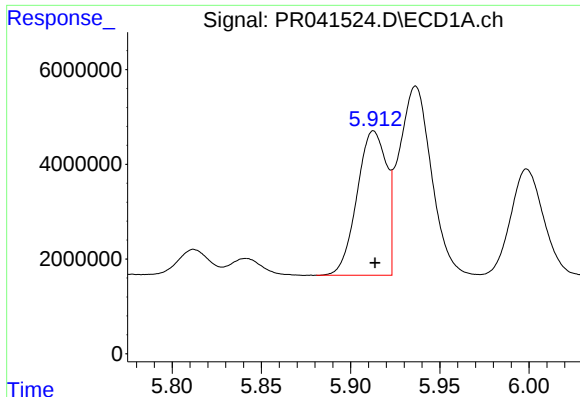
#20 AR-1242-5

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 24910598
Conc: 485.98 ng/ml



#20 AR-1242-5

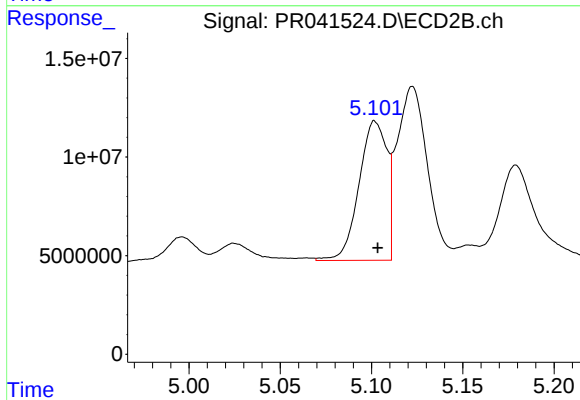
R.T.: 5.911 min
Delta R.T.: -0.002 min
Response: 106947695
Conc: 630.45 ng/ml



#21 AR-1248-1

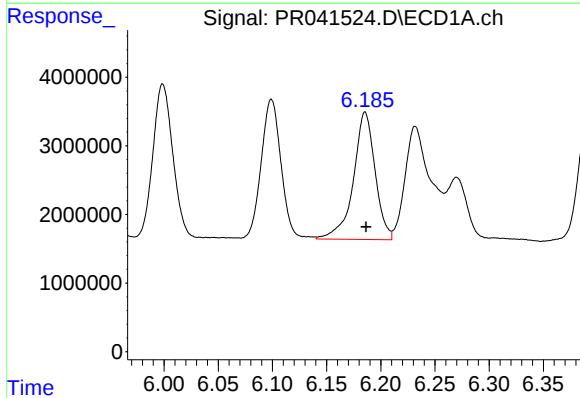
R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 35016864
Conc: 953.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



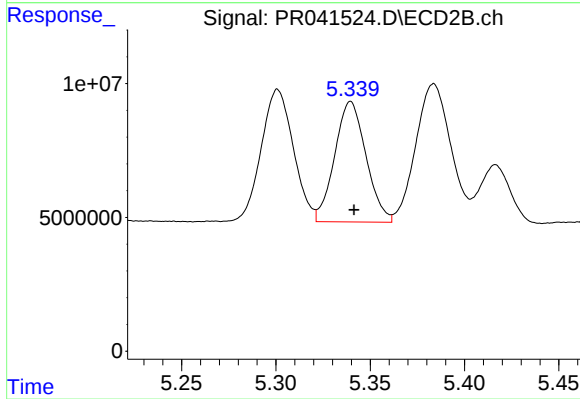
#21 AR-1248-1

R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 75171846
Conc: 891.85 ng/ml



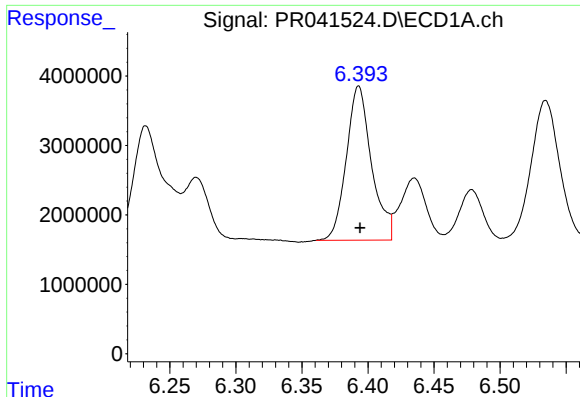
#22 AR-1248-2

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 25879095
Conc: 469.82 ng/ml



#22 AR-1248-2

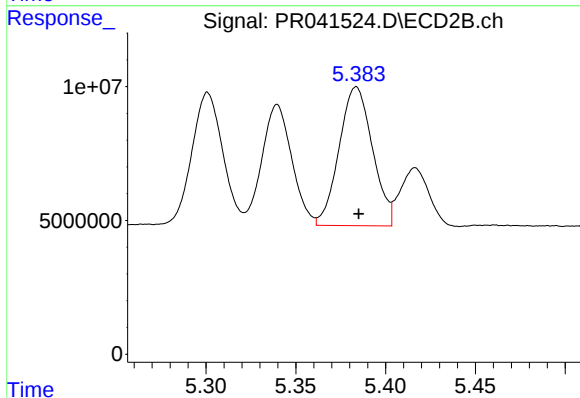
R.T.: 5.340 min
Delta R.T.: -0.002 min
Response: 52104345
Conc: 428.39 ng/ml



#23 AR-1248-3

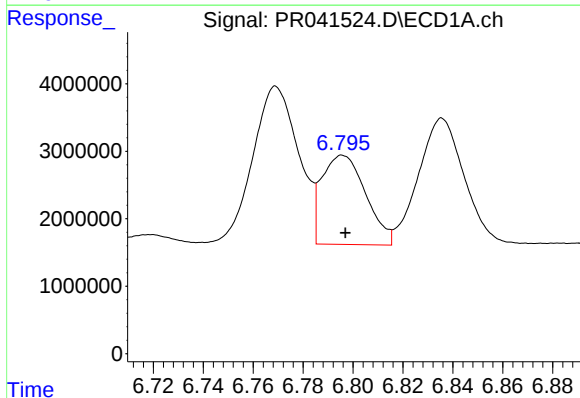
R.T.: 6.393 min
Delta R.T.: -0.001 min
Response: 29499372
Conc: 459.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



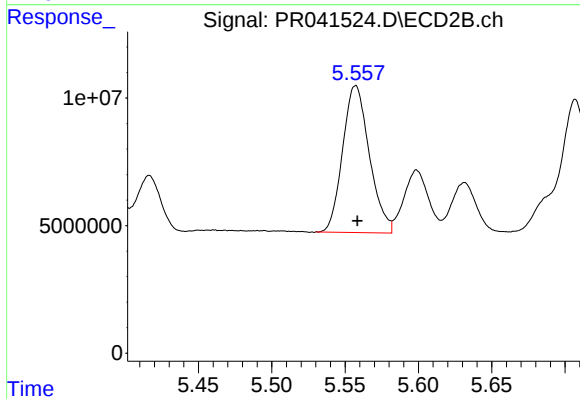
#23 AR-1248-3

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 67121272
Conc: 529.44 ng/ml



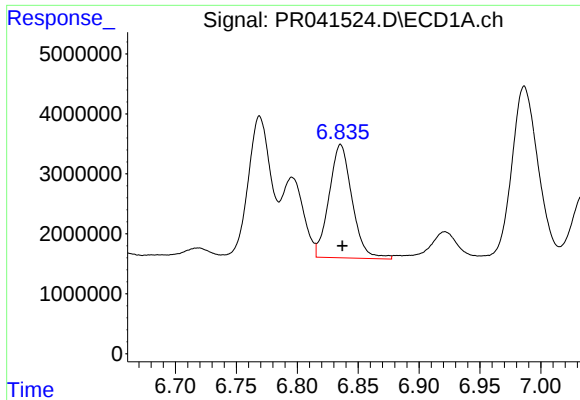
#24 AR-1248-4

R.T.: 6.796 min
Delta R.T.: -0.001 min
Response: 16163540
Conc: 189.40 ng/ml



#24 AR-1248-4

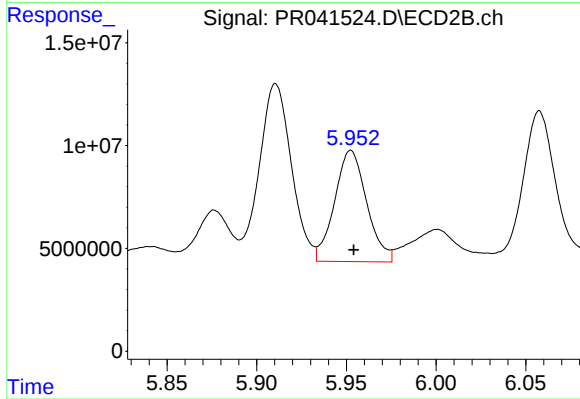
R.T.: 5.557 min
Delta R.T.: -0.001 min
Response: 73108868
Conc: 435.57 ng/ml



#25 AR-1248-5

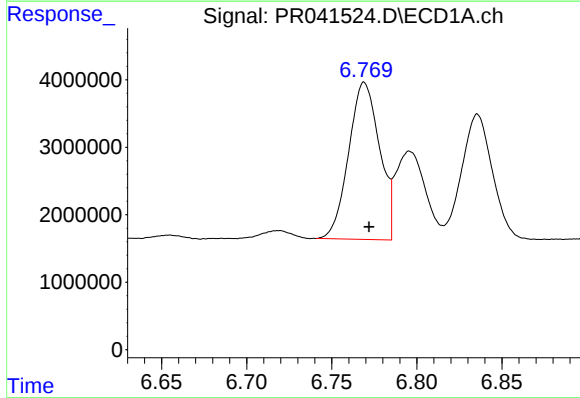
R.T.: 6.836 min
Delta R.T.: -0.002 min
Response: 24910598
Conc: 305.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



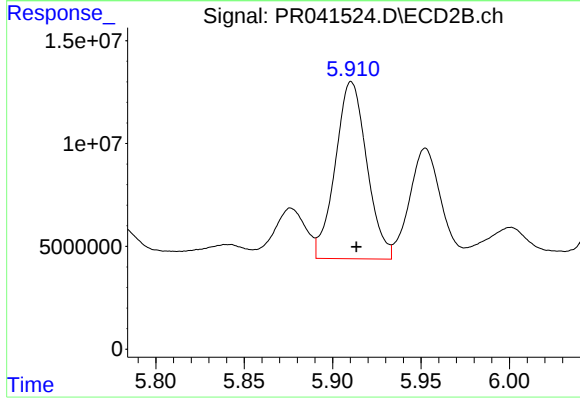
#25 AR-1248-5

R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 67399752
Conc: 309.55 ng/ml



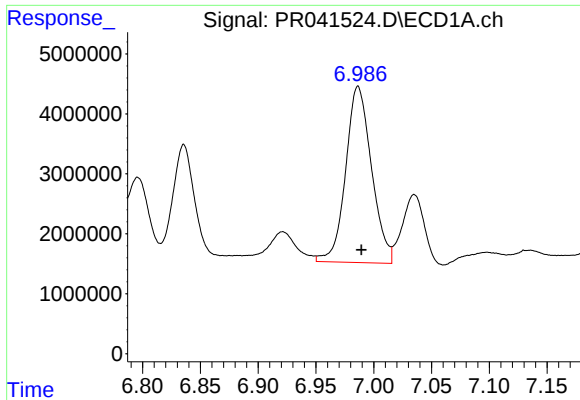
#26 AR-1254-1

R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 29444469
Conc: 353.83 ng/ml



#26 AR-1254-1

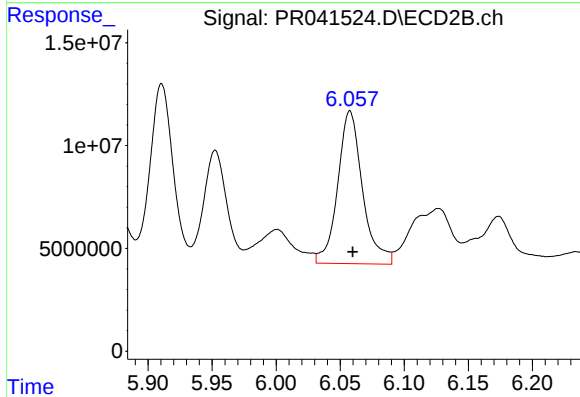
R.T.: 5.911 min
Delta R.T.: -0.003 min
Response: 106947695
Conc: 329.78 ng/ml



#27 AR-1254-2

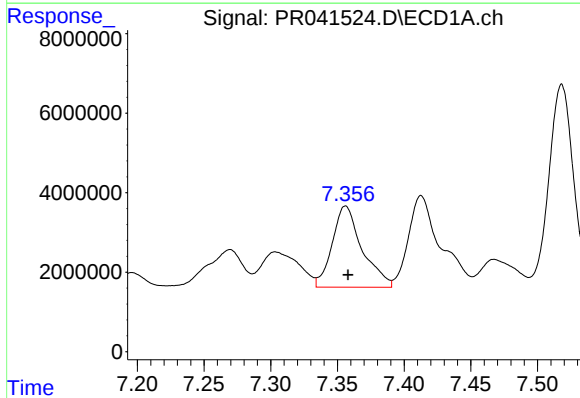
R.T.: 6.986 min
Delta R.T.: -0.003 min
Response: 45827941
Conc: 326.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



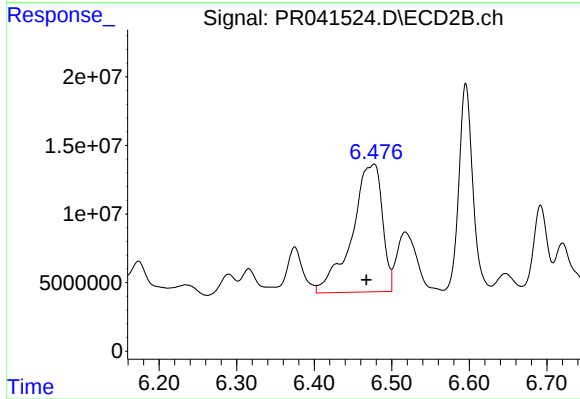
#27 AR-1254-2

R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 99998644
Conc: 327.32 ng/ml



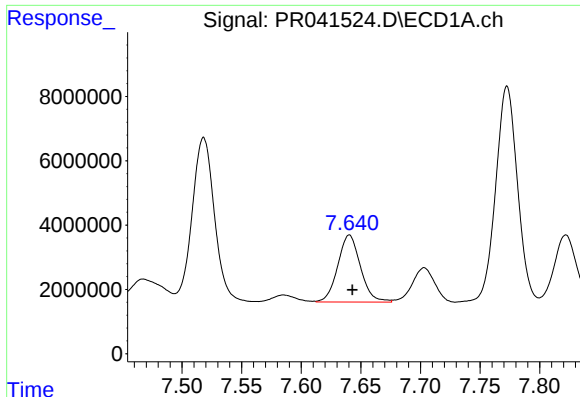
#28 AR-1254-3

R.T.: 7.356 min
Delta R.T.: -0.002 min
Response: 31778178
Conc: 187.55 ng/ml



#28 AR-1254-3

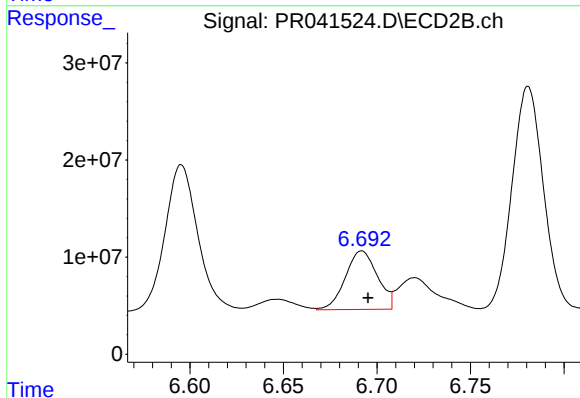
R.T.: 6.477 min
Delta R.T.: 0.010 min
Response: 252620917
Conc: 451.46 ng/ml



#29 AR-1254-4

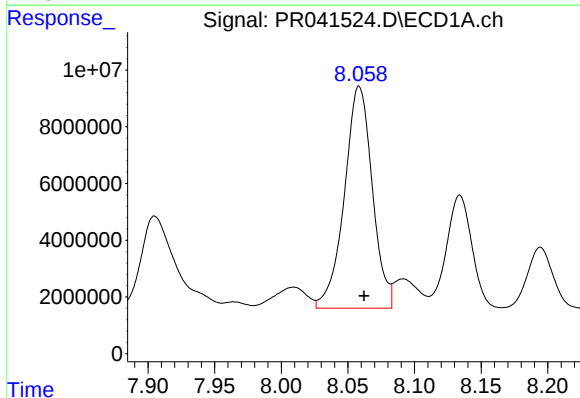
R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 27617835
Conc: 203.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



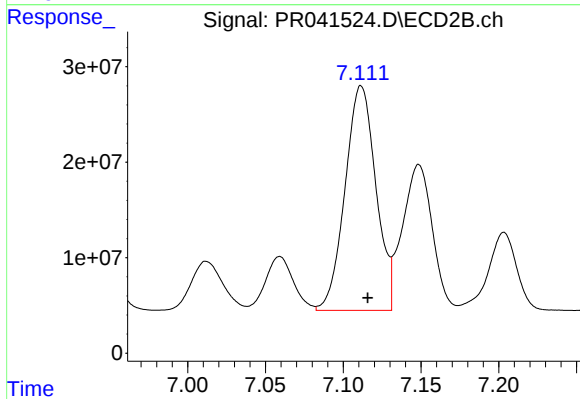
#29 AR-1254-4

R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 71838032
Conc: 168.33 ng/ml



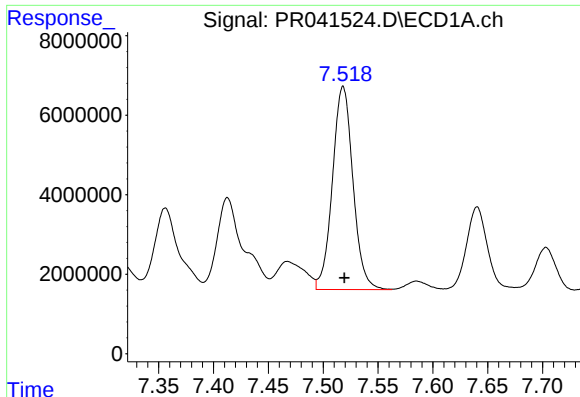
#30 AR-1254-5

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 114233674
Conc: 742.89 ng/ml



#30 AR-1254-5

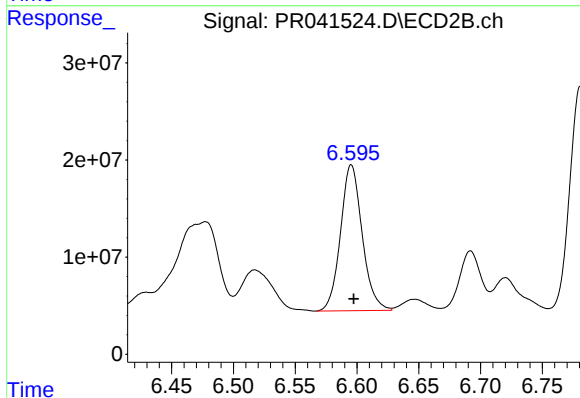
R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 324696311
Conc: 561.25 ng/ml



#31 AR-1260-1

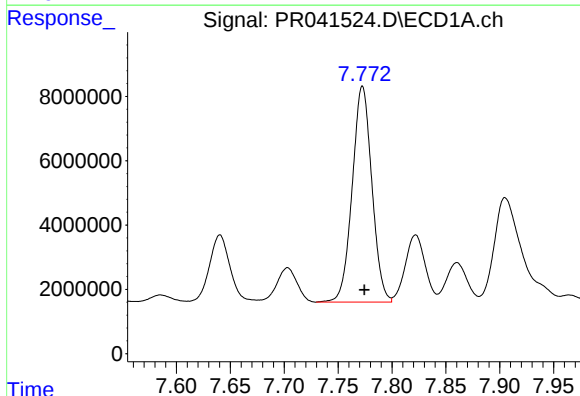
R.T.: 7.518 min
Delta R.T.: -0.001 min
Response: 66546151
Conc: 561.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



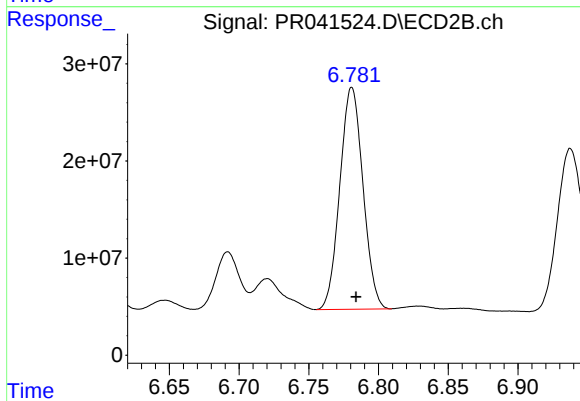
#31 AR-1260-1

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 183438307
Conc: 470.98 ng/ml



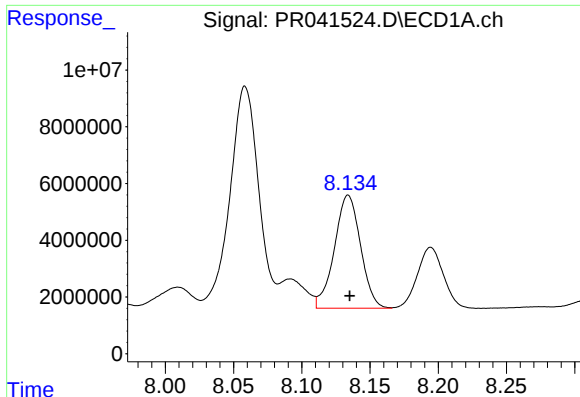
#32 AR-1260-2

R.T.: 7.773 min
Delta R.T.: -0.002 min
Response: 85275500
Conc: 577.86 ng/ml



#32 AR-1260-2

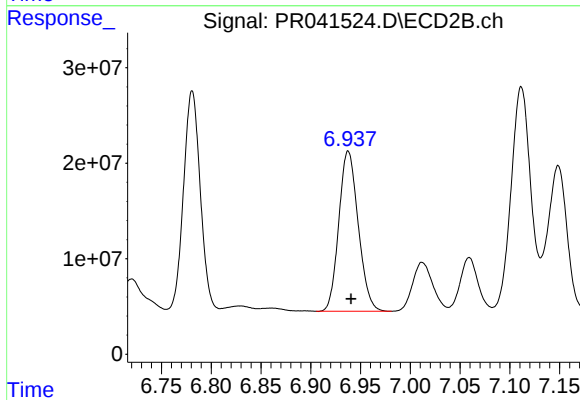
R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 263868447
Conc: 489.47 ng/ml



#33 AR-1260-3

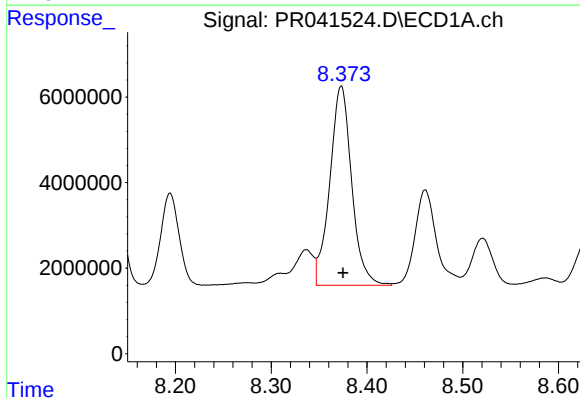
R.T.: 8.134 min
Delta R.T.: -0.001 min
Response: 53263918
Conc: 459.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



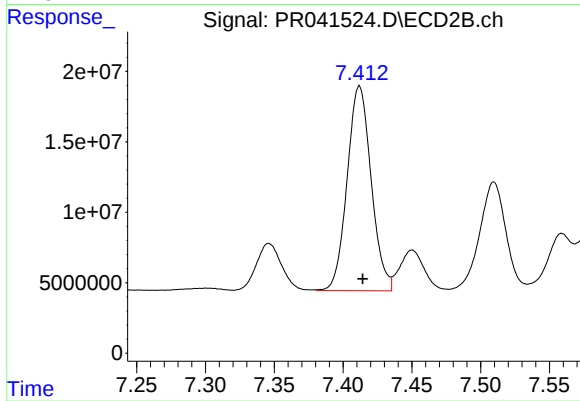
#33 AR-1260-3

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 227705101
Conc: 487.47 ng/ml



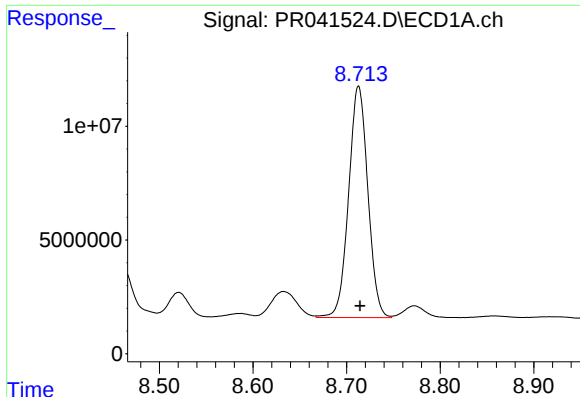
#34 AR-1260-4

R.T.: 8.373 min
Delta R.T.: -0.002 min
Response: 73948694
Conc: 517.94 ng/ml



#34 AR-1260-4

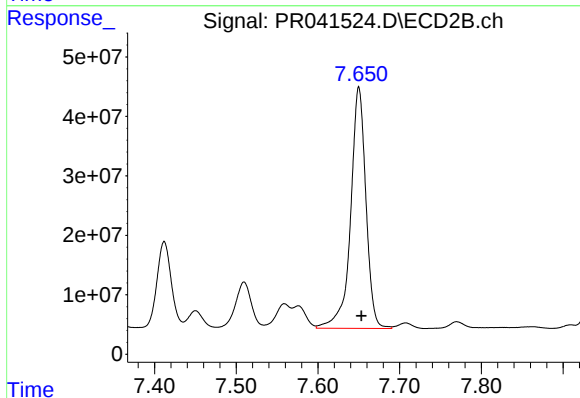
R.T.: 7.412 min
Delta R.T.: -0.002 min
Response: 176758884
Conc: 417.06 ng/ml



#35 AR-1260-5

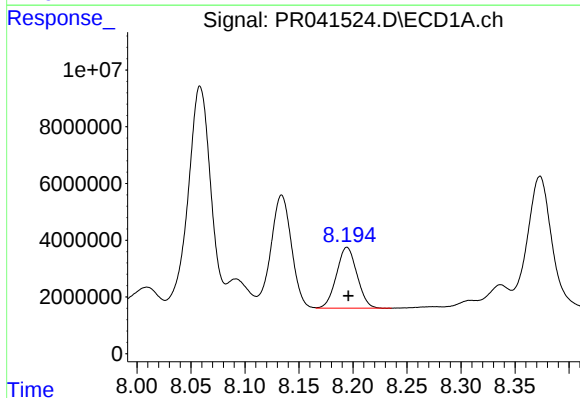
R.T.: 8.713 min
Delta R.T.: -0.002 min
Response: 145223877
Conc: 471.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



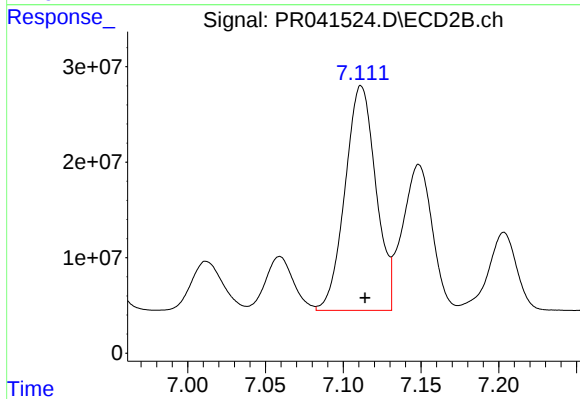
#35 AR-1260-5

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 528554492
Conc: 433.92 ng/ml



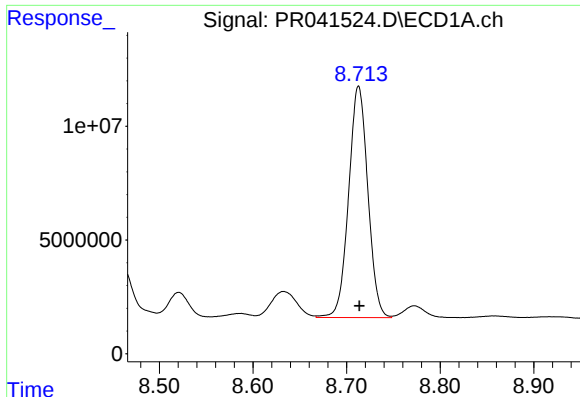
#36 AR-1262-1

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 28437724
Conc: 369.23 ng/ml



#36 AR-1262-1

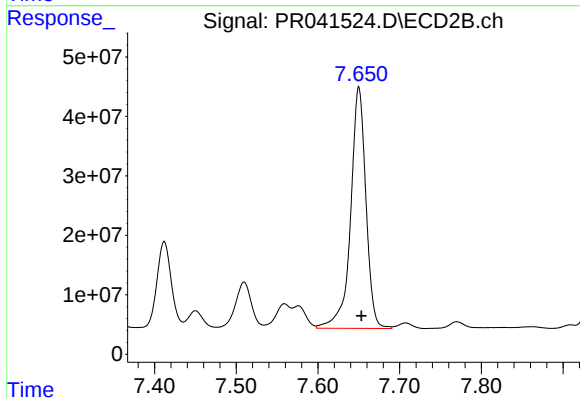
R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 324696311
Conc: 970.10 ng/ml



#37 AR-1262-2

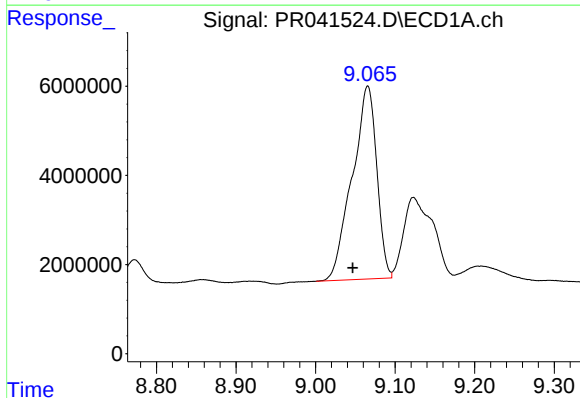
R.T.: 8.713 min
Delta R.T.: -0.001 min
Response: 145223877
Conc: 383.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



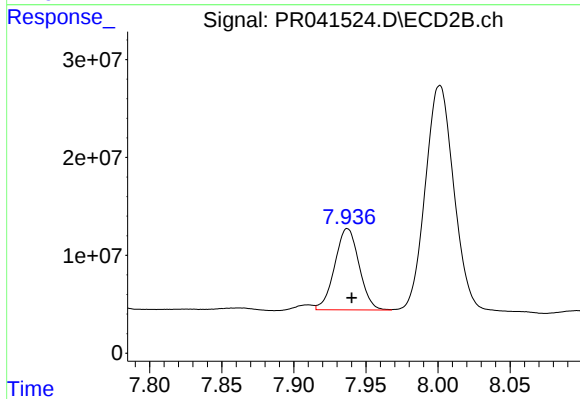
#37 AR-1262-2

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 528554492
Conc: 382.75 ng/ml



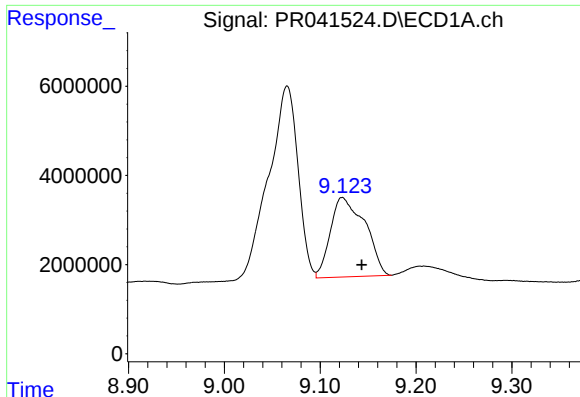
#38 AR-1262-3

R.T.: 9.066 min
Delta R.T.: 0.019 min
Response: 92935103
Conc: 352.47 ng/ml



#38 AR-1262-3

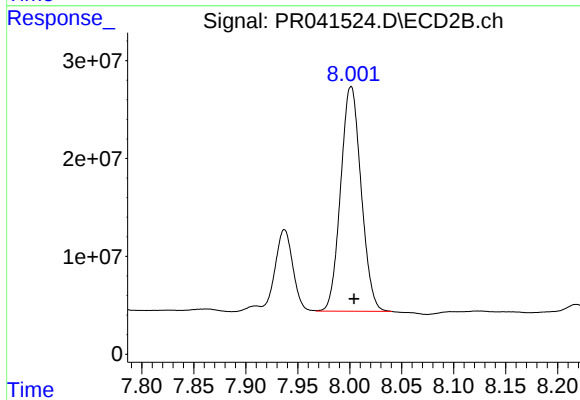
R.T.: 7.937 min
Delta R.T.: -0.003 min
Response: 97271706
Conc: 170.07 ng/ml



#39 AR-1262-4

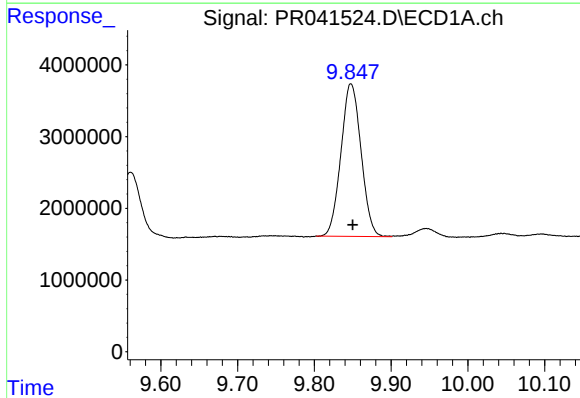
R.T.: 9.123 min
Delta R.T.: -0.021 min
Response: 44734716
Conc: 226.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



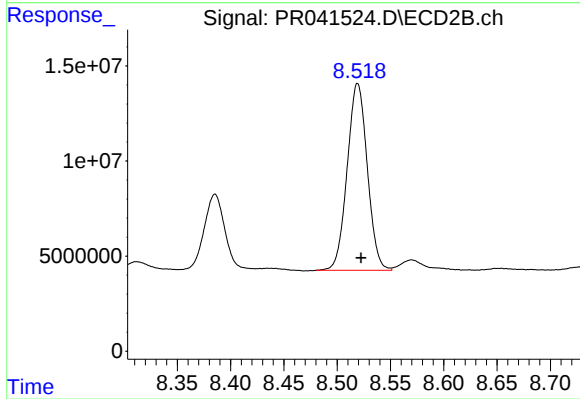
#39 AR-1262-4

R.T.: 8.001 min
Delta R.T.: -0.003 min
Response: 314790598
Conc: 310.63 ng/ml



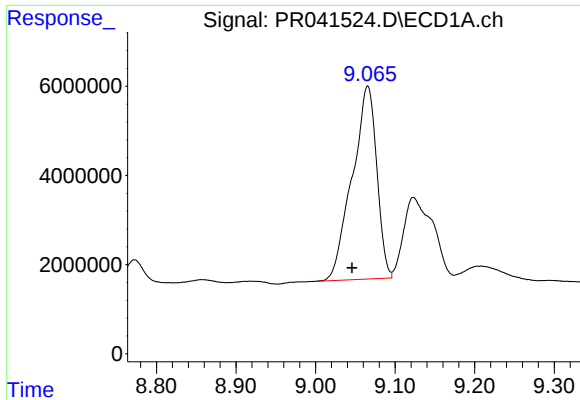
#40 AR-1262-5

R.T.: 9.848 min
Delta R.T.: -0.002 min
Response: 38789852
Conc: 247.74 ng/ml



#40 AR-1262-5

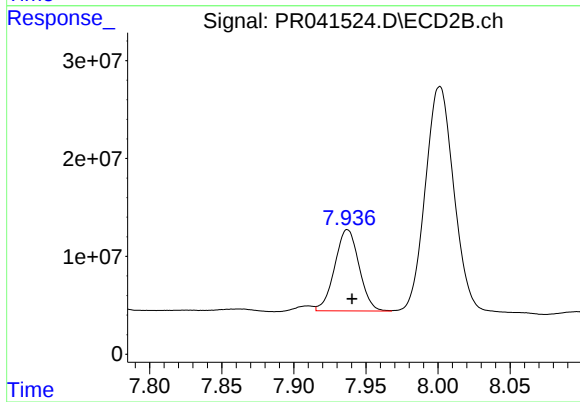
R.T.: 8.519 min
Delta R.T.: -0.003 min
Response: 129118487
Conc: 230.66 ng/ml



#41 AR-1268-1

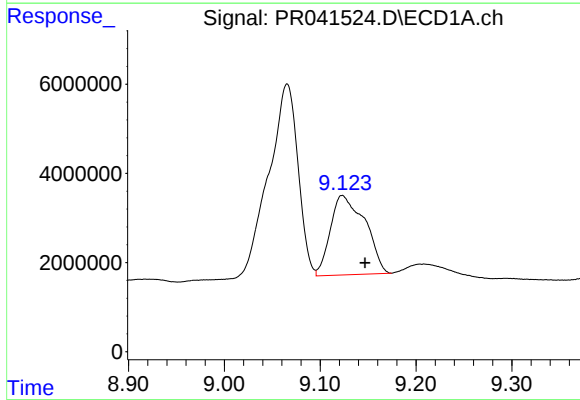
R.T.: 9.066 min
Delta R.T.: 0.020 min
Response: 92935103
Conc: 193.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



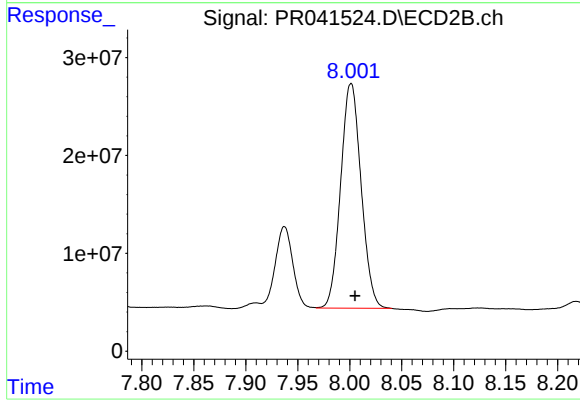
#41 AR-1268-1

R.T.: 7.937 min
Delta R.T.: -0.003 min
Response: 97271706
Conc: 57.48 ng/ml



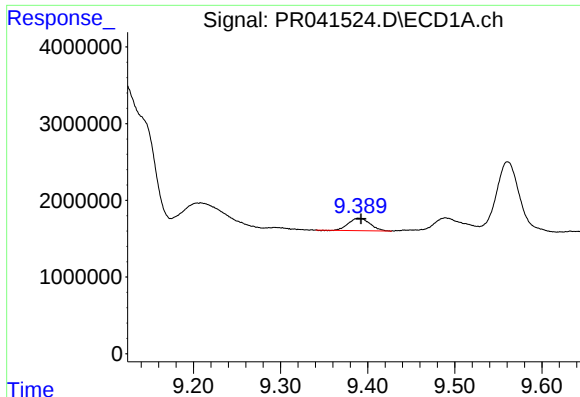
#42 AR-1268-2

R.T.: 9.123 min
Delta R.T.: -0.024 min
Response: 44734716
Conc: 101.14 ng/ml



#42 AR-1268-2

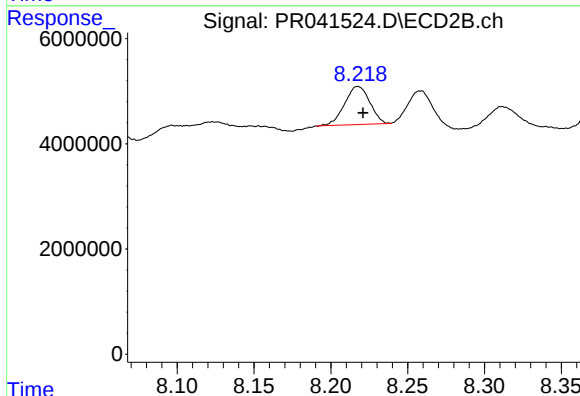
R.T.: 8.001 min
Delta R.T.: -0.004 min
Response: 314790598
Conc: 201.22 ng/ml



#43 AR-1268-3

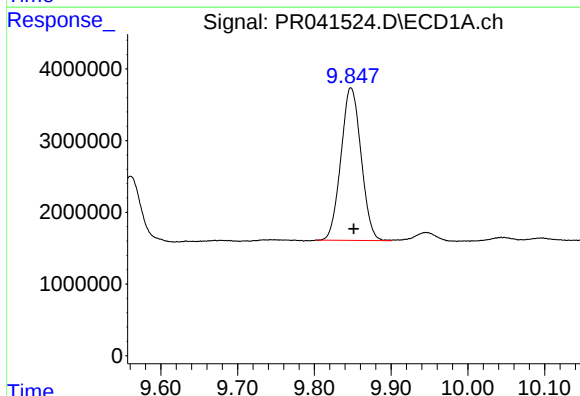
R.T.: 9.389 min
Delta R.T.: -0.003 min
Response: 2783183
Conc: 7.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



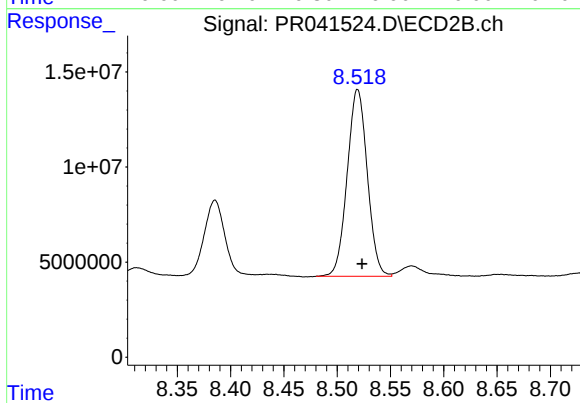
#43 AR-1268-3

R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 8254200
Conc: 6.24 ng/ml



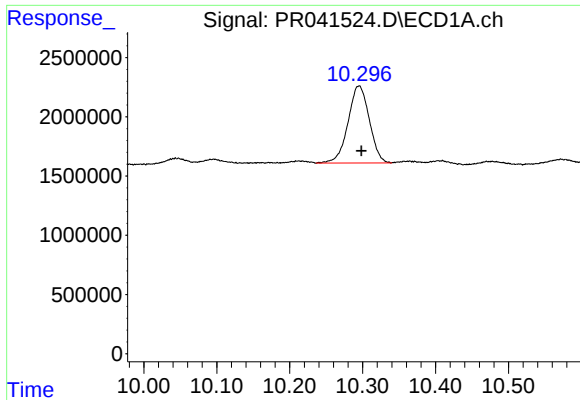
#44 AR-1268-4

R.T.: 9.848 min
Delta R.T.: -0.004 min
Response: 38789852
Conc: 221.56 ng/ml



#44 AR-1268-4

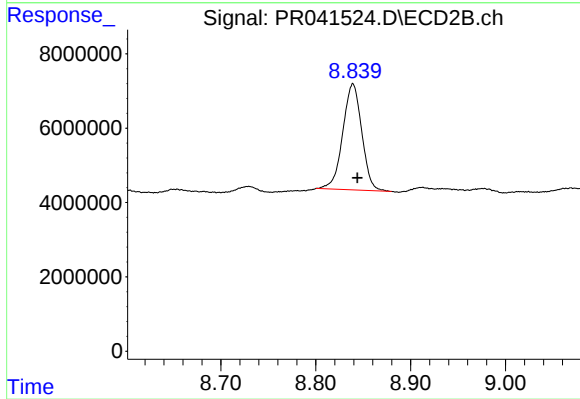
R.T.: 8.519 min
Delta R.T.: -0.004 min
Response: 129118487
Conc: 215.14 ng/ml



#45 AR-1268-5

R.T.: 10.295 min
Delta R.T.: -0.003 min
Response: 13207141
Conc: 9.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8MSD



#45 AR-1268-5

R.T.: 8.839 min
Delta R.T.: -0.005 min
Response: 39662978
Conc: 9.00 ng/ml