

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062623\
 Data File : PR061991.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2023 09:17
 Operator : YP\AJ
 Sample : AR1660CCC500
 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: Jun 26 21:26:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 19 13:30:08 2023
 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...	3.691	2.960	114.9E6	143.0E6	52.241	52.063
2)	SA Decachlor...	9.631	8.249	72091629	179.4E6	49.823	50.599
Target Compounds							
3)	L1 AR-1016-1	4.921	4.085	37813128	50339399	507.843	495.546
4)	L1 AR-1016-2	4.943	4.104	54348389	71320478	514.026	506.901
5)	L1 AR-1016-3	5.008	4.284	33937100	38612105	505.927	493.377
6)	L1 AR-1016-4	5.111	4.334	27357776	30653328	511.222	478.112
7)	L1 AR-1016-5	5.428	4.554	27997218	40857438	505.528	491.567
8)	L2 AR-1221-1	3.911	3.185	4012594	5347447	148.713	149.126
9)	L2 AR-1221-2	4.003	3.272	5345997	7776451	279.847	282.637
10)	L2 AR-1221-3	4.081	3.351	21381531	27353049	352.991	339.223
11)	L3 AR-1232-1	4.081	3.351	21381531	27353049	467.589	453.112
12)	L3 AR-1232-2	4.635	4.104	29515992	71320478	1110.666	1149.018
13)	L3 AR-1232-3	4.943	4.284	54348389	38612105	1179.222	1107.327
14)	L3 AR-1232-4	5.111	4.376	27357776	37343607	1196.873	1189.312
15)	L3 AR-1232-5	5.215	4.554	23203873	40857438	1260.985	1134.232
16)	L4 AR-1242-1	4.921	4.085	37813128	50339399	681.463	661.193
17)	L4 AR-1242-2	4.943	4.104	54348389	71320478	691.321	684.967
18)	L4 AR-1242-3	5.008	4.284	33937100	38612105	677.612	655.085
19)	L4 AR-1242-4	5.111	4.376	27357776	37343607	679.060	629.052
20)	L4 AR-1242-5	5.902	4.926	3647303	32635205	92.539	415.090 #
21)	L5 AR-1248-1	4.921	4.085	37813128	50339399	884.800	822.535
22)	L5 AR-1248-2	5.215	4.334	23203873	30653328	374.165	355.693
23)	L5 AR-1248-3	5.428	4.376	27997218	37343607	389.177	419.685
24)	L5 AR-1248-4	5.861	4.554	3917110	40857438	53.601	378.744 #
25)	L5 AR-1248-5	5.902	4.969	3647303	4516829	51.223	42.224
26)	L6 AR-1254-1	5.833	4.926	20815829	32635205	260.927	204.554
27)	L6 AR-1254-2	6.071	5.085	22660218	31249778	192.659	215.177
28)	L6 AR-1254-3	6.464	5.529f	11870210	58184474	103.543	245.953 #
29)	L6 AR-1254-4	6.775	5.757	7147992	6699721	89.401	43.993 #
30)	L6 AR-1254-5	7.232	6.204	64139858	128.2E6	715.051	523.085 #
31)	L7 AR-1260-1	6.645	5.651	49965916	85283288	502.473	491.262
32)	L7 AR-1260-2	6.927	5.855	55226689	104.1E6	501.100	473.274
33)	L7 AR-1260-3	7.318	6.016	34450082	99895124	497.673	477.487
34)	L7 AR-1260-4	7.561	6.525	41336299	76146304	504.731	482.005
35)	L7 AR-1260-5	7.900	6.790	72946464	185.9E6	518.136	500.536
36)	L8 AR-1262-1	7.318	6.249	34450082	79153896	320.953	333.771
37)	L8 AR-1262-2	7.900	6.790	72946464	185.9E6	439.364	424.069
38)	L8 AR-1262-3	8.216	7.098	46574073	34681517	407.601	184.007 #
39)	L8 AR-1262-4	8.292	7.163	11336213	138.9E6	126.971	412.914 #
40)	L8 AR-1262-5	8.926	7.704	16589476	42209748	281.428	263.410
41)	L9 AR-1268-1	8.216	7.098	46574073	34681517	235.530	67.410 #

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Acq On : 26 Jun 2023 09:17
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

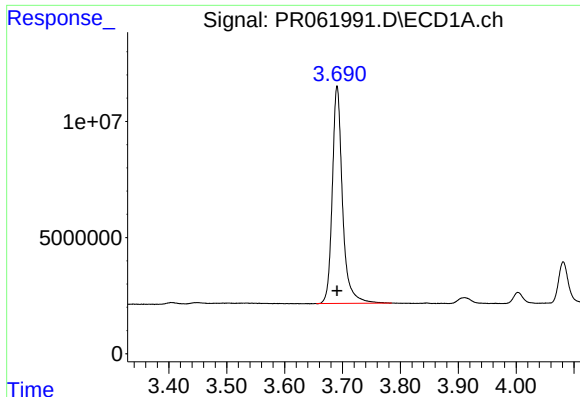
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 21:26:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jun 19 13:30:08 2023
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	8.292	7.163	11336213	138.9E6	62.219	291.850 #
43)	L9 AR-1268-3	8.519	7.391	1799420	3858236	11.502	9.421
44)	L9 AR-1268-4	8.926	7.704	16589476	42209748	257.795	240.160
45)	L9 AR-1268-5	9.316	8.001	5847033	15783556	12.710	12.253

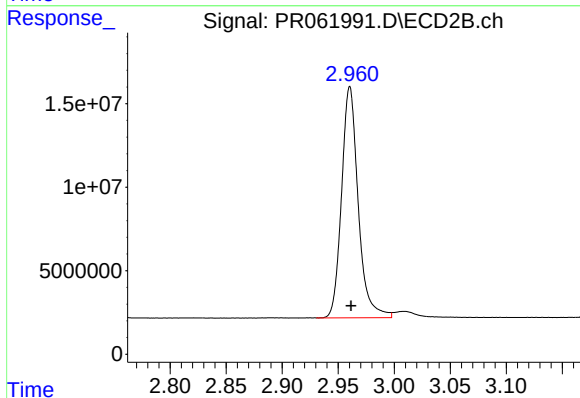
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

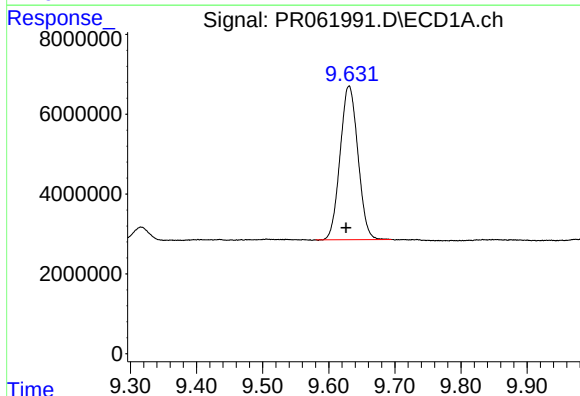
R.T.: 3.691 min
Delta R.T.: 0.000 min
Response: 114873120
Conc: 52.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



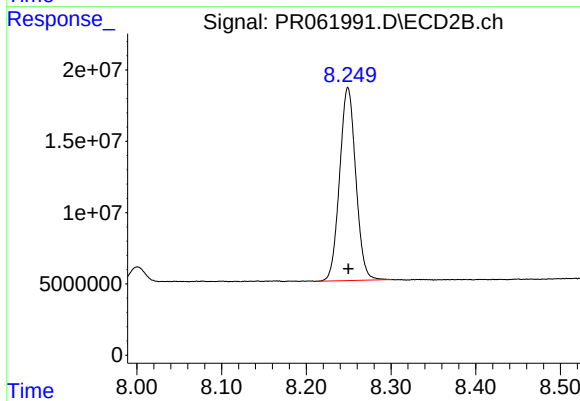
#1 Tetrachloro-m-xylene

R.T.: 2.960 min
Delta R.T.: -0.001 min
Response: 143017405
Conc: 52.06 ng/ml



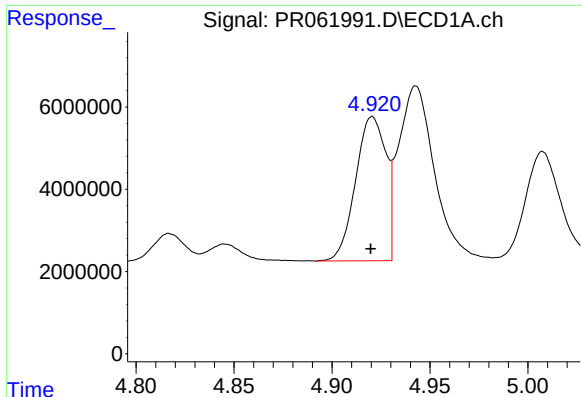
#2 Decachlorobiphenyl

R.T.: 9.631 min
Delta R.T.: 0.005 min
Response: 72091629
Conc: 49.82 ng/ml



#2 Decachlorobiphenyl

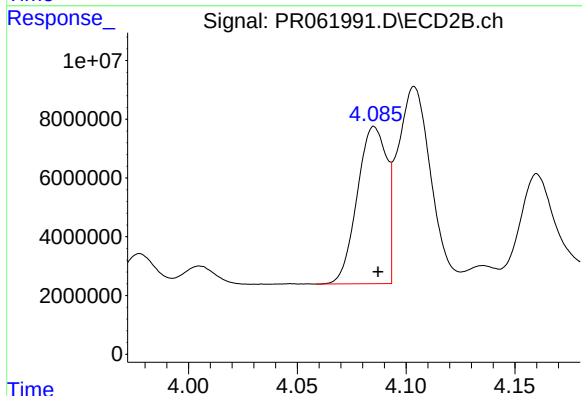
R.T.: 8.249 min
Delta R.T.: 0.000 min
Response: 179443387
Conc: 50.60 ng/ml



#3 AR-1016-1

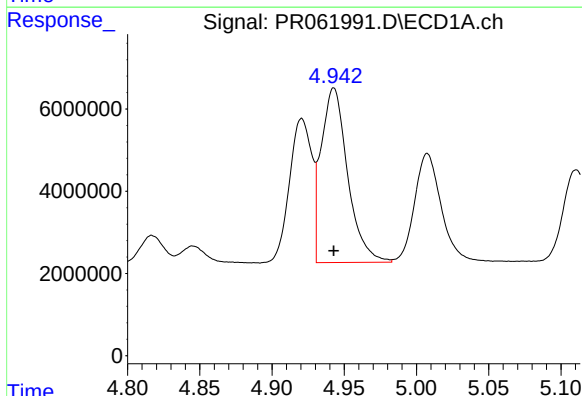
R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 37813128
Conc: 507.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



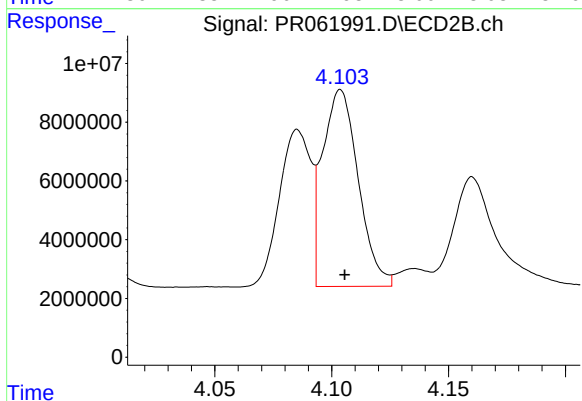
#3 AR-1016-1

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 50339399
Conc: 495.55 ng/ml



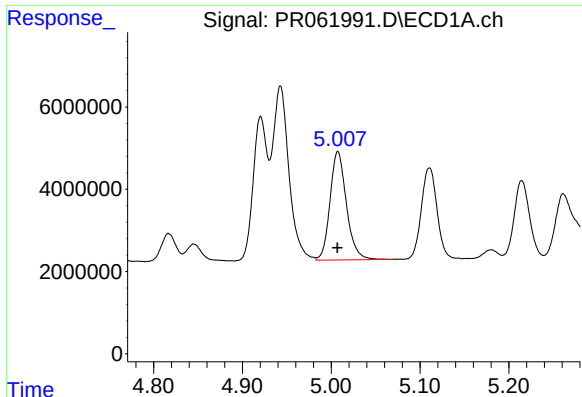
#4 AR-1016-2

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 54348389
Conc: 514.03 ng/ml



#4 AR-1016-2

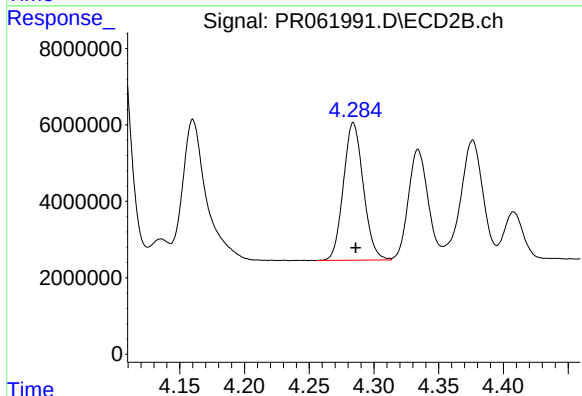
R.T.: 4.104 min
Delta R.T.: -0.002 min
Response: 71320478
Conc: 506.90 ng/ml



#5 AR-1016-3

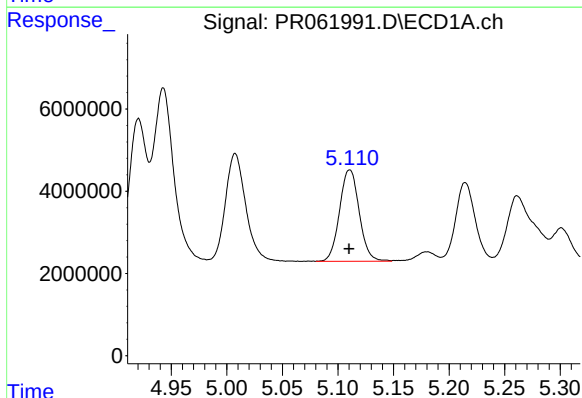
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 33937100
Conc: 505.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



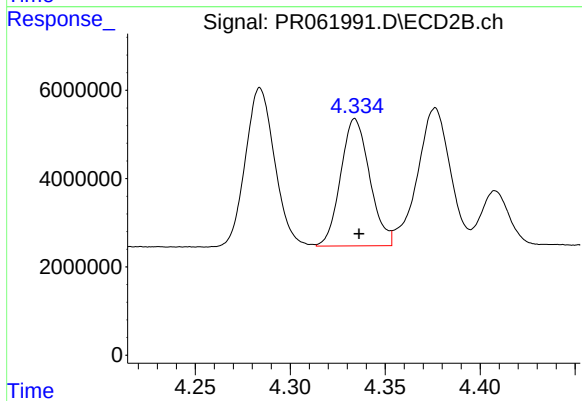
#5 AR-1016-3

R.T.: 4.284 min
Delta R.T.: -0.002 min
Response: 38612105
Conc: 493.38 ng/ml



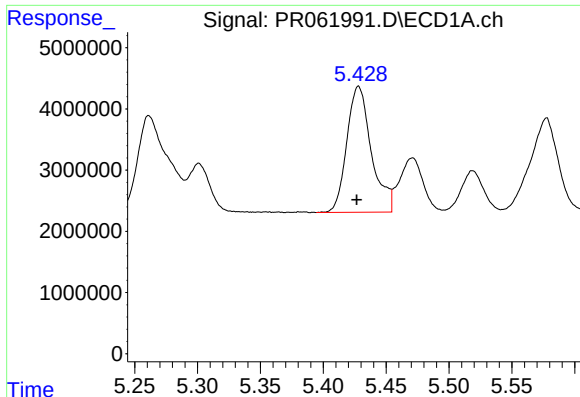
#6 AR-1016-4

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 27357776
Conc: 511.22 ng/ml



#6 AR-1016-4

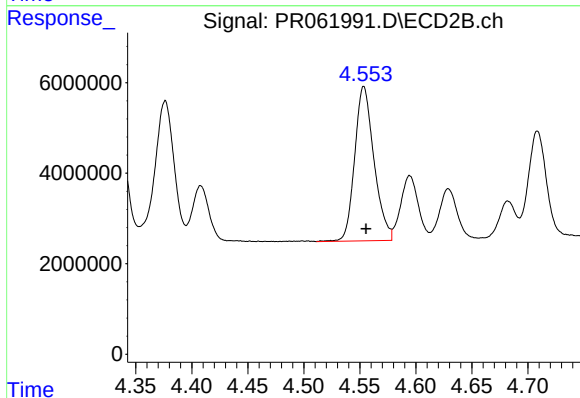
R.T.: 4.334 min
Delta R.T.: -0.002 min
Response: 30653328
Conc: 478.11 ng/ml



#7 AR-1016-5

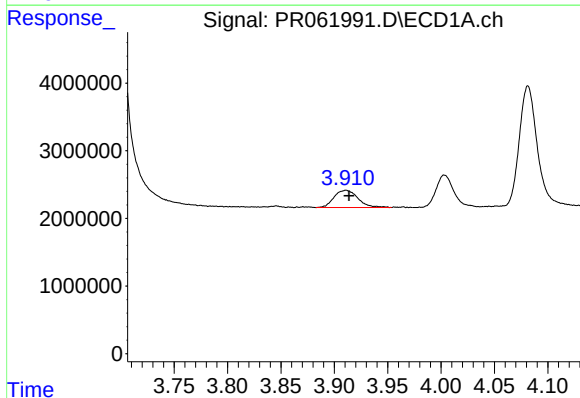
R.T.: 5.428 min
Delta R.T.: 0.002 min
Response: 27997218
Conc: 505.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



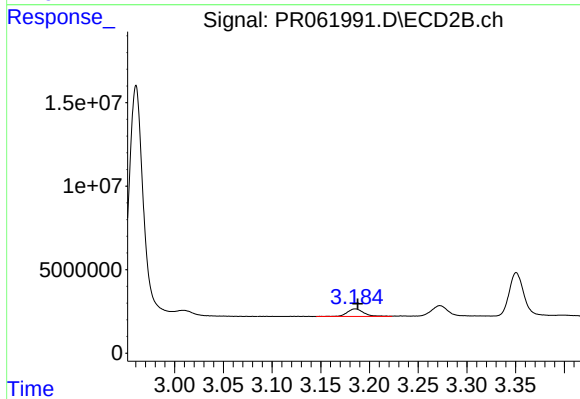
#7 AR-1016-5

R.T.: 4.554 min
Delta R.T.: -0.002 min
Response: 40857438
Conc: 491.57 ng/ml



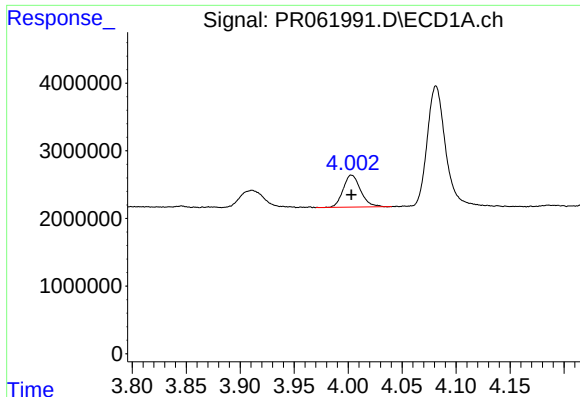
#8 AR-1221-1

R.T.: 3.911 min
Delta R.T.: -0.003 min
Response: 4012594
Conc: 148.71 ng/ml



#8 AR-1221-1

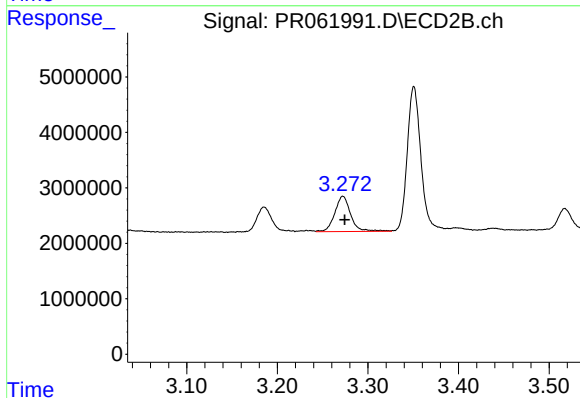
R.T.: 3.185 min
Delta R.T.: -0.002 min
Response: 5347447
Conc: 149.13 ng/ml



#9 AR-1221-2

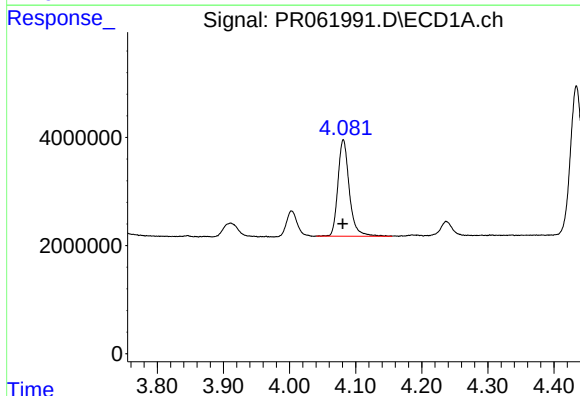
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 5345997
Conc: 279.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



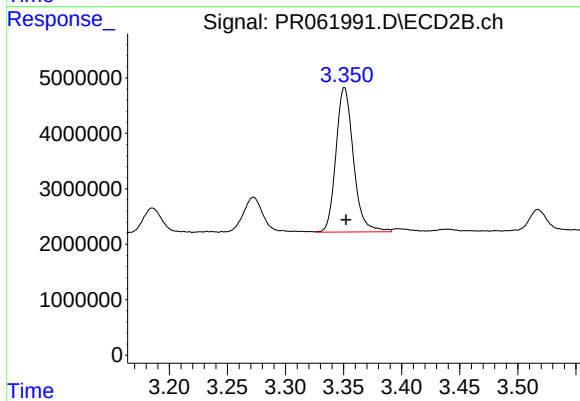
#9 AR-1221-2

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 7776451
Conc: 282.64 ng/ml



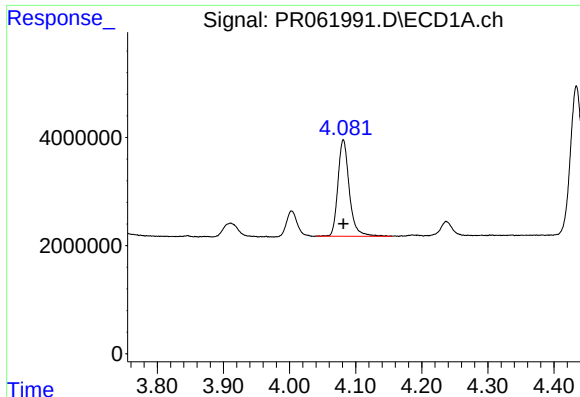
#10 AR-1221-3

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 21381531
Conc: 352.99 ng/ml



#10 AR-1221-3

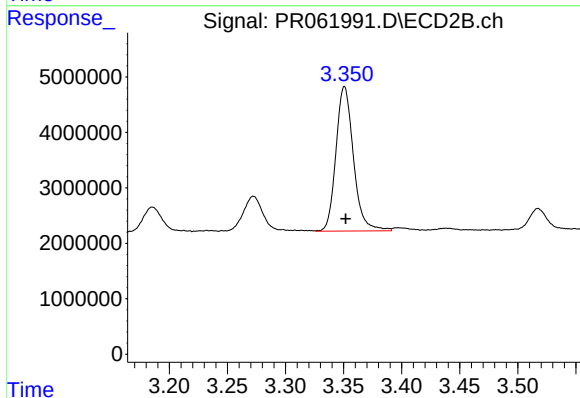
R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 27353049
Conc: 339.22 ng/ml



#11 AR-1232-1

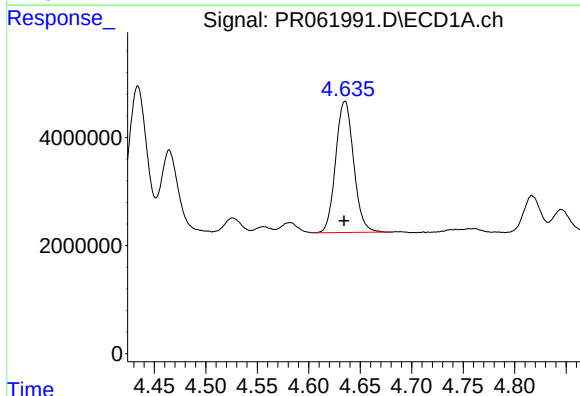
R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 21381531
Conc: 467.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



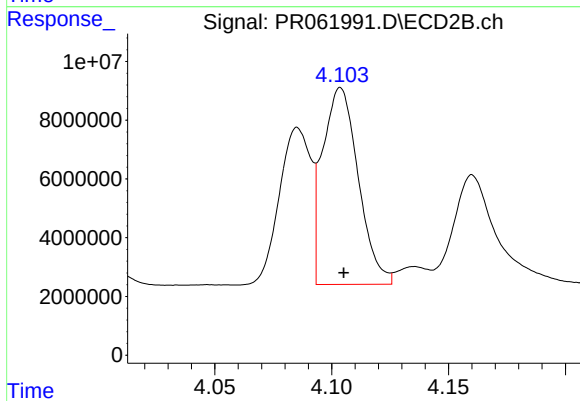
#11 AR-1232-1

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 27353049
Conc: 453.11 ng/ml



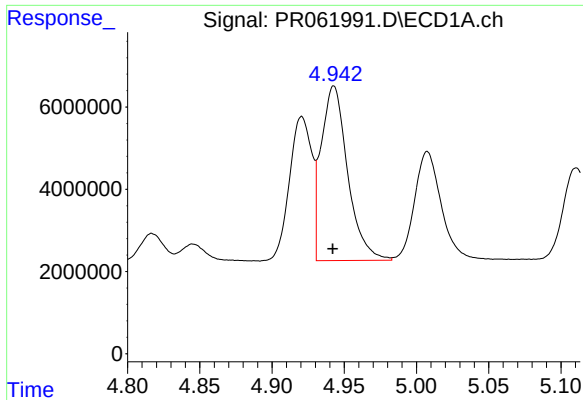
#12 AR-1232-2

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 29515992
Conc: 1110.67 ng/ml



#12 AR-1232-2

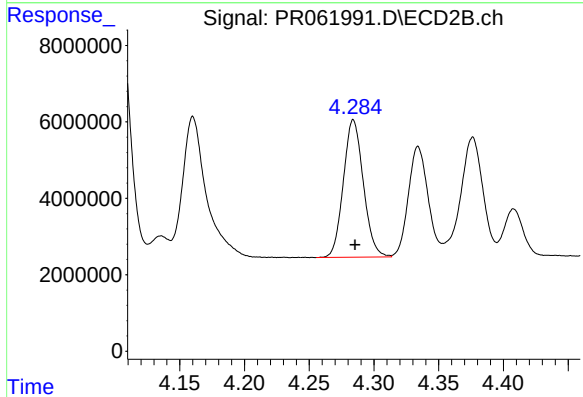
R.T.: 4.104 min
Delta R.T.: -0.001 min
Response: 71320478
Conc: 1149.02 ng/ml



#13 AR-1232-3

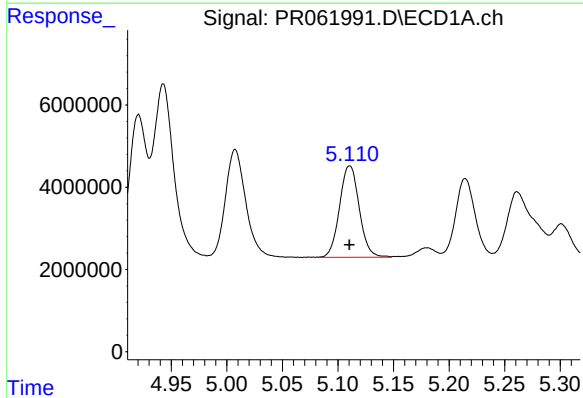
R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 54348389
Conc: 1179.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



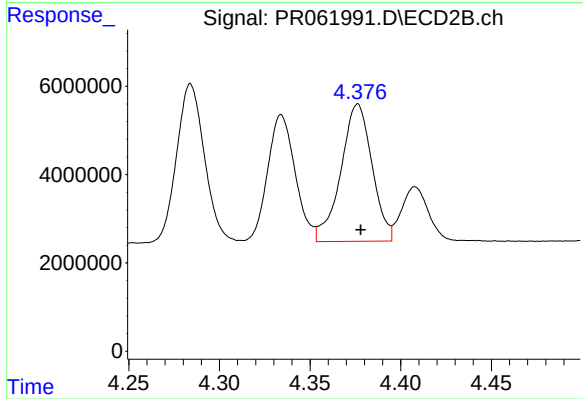
#13 AR-1232-3

R.T.: 4.284 min
Delta R.T.: -0.001 min
Response: 38612105
Conc: 1107.33 ng/ml



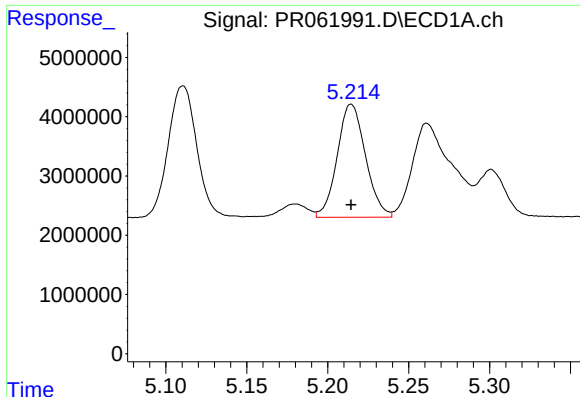
#14 AR-1232-4

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 27357776
Conc: 1196.87 ng/ml



#14 AR-1232-4

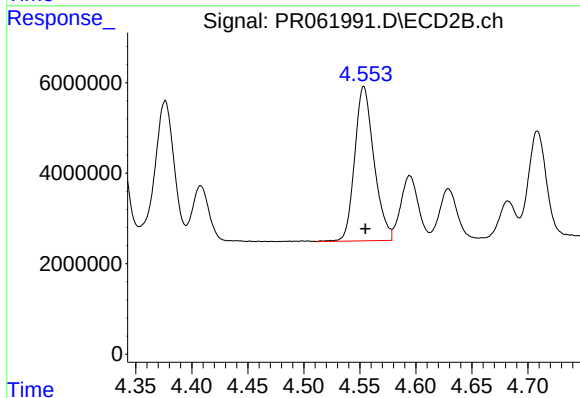
R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 37343607
Conc: 1189.31 ng/ml



#15 AR-1232-5

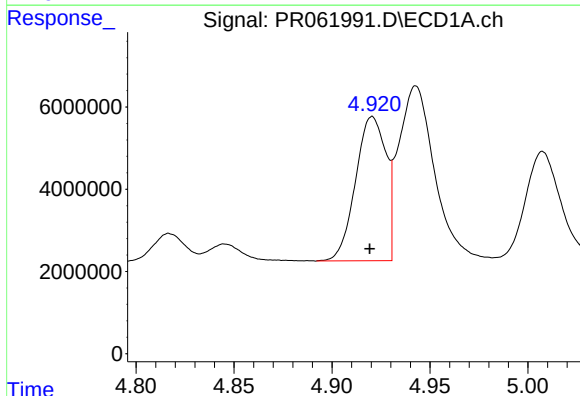
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 23203873
Conc: 1260.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



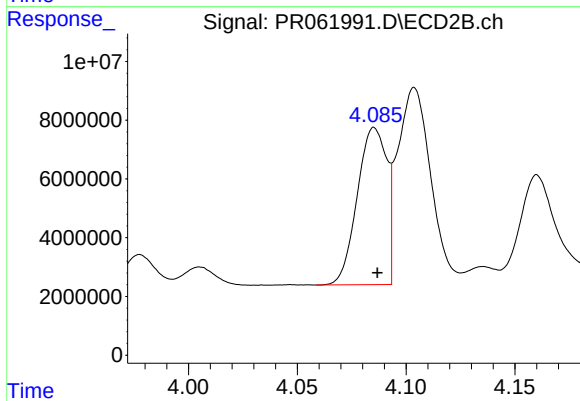
#15 AR-1232-5

R.T.: 4.554 min
Delta R.T.: -0.001 min
Response: 40857438
Conc: 1134.23 ng/ml



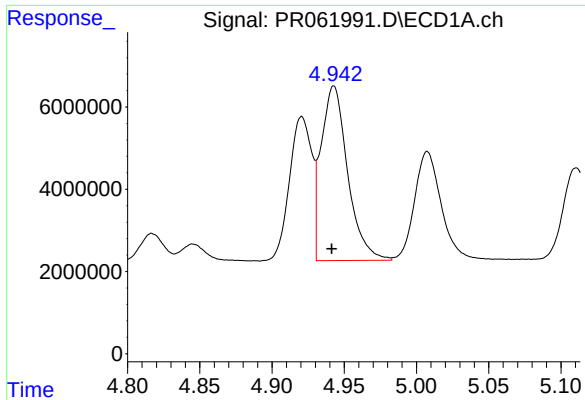
#16 AR-1242-1

R.T.: 4.921 min
Delta R.T.: 0.001 min
Response: 37813128
Conc: 681.46 ng/ml



#16 AR-1242-1

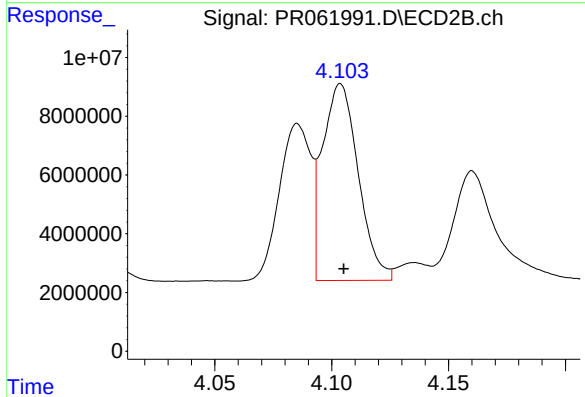
R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 50339399
Conc: 661.19 ng/ml



#17 AR-1242-2

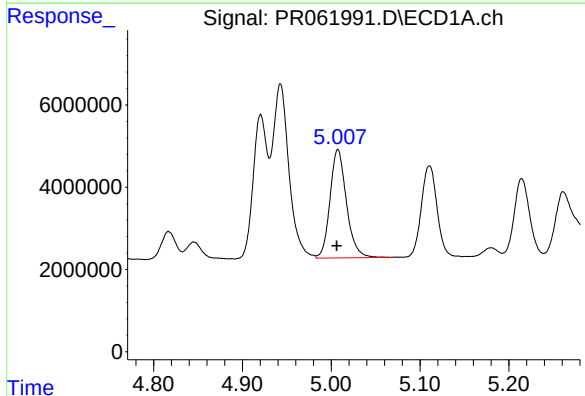
R.T.: 4.943 min
Delta R.T.: 0.001 min
Response: 54348389
Conc: 691.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



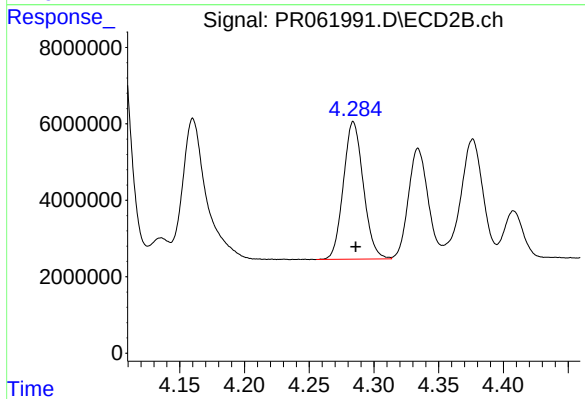
#17 AR-1242-2

R.T.: 4.104 min
Delta R.T.: -0.001 min
Response: 71320478
Conc: 684.97 ng/ml



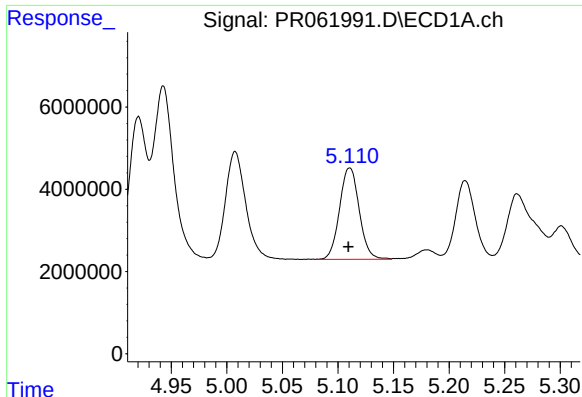
#18 AR-1242-3

R.T.: 5.008 min
Delta R.T.: 0.001 min
Response: 33937100
Conc: 677.61 ng/ml



#18 AR-1242-3

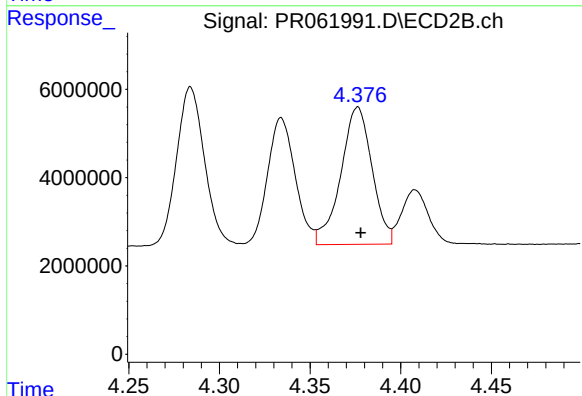
R.T.: 4.284 min
Delta R.T.: -0.002 min
Response: 38612105
Conc: 655.08 ng/ml



#19 AR-1242-4

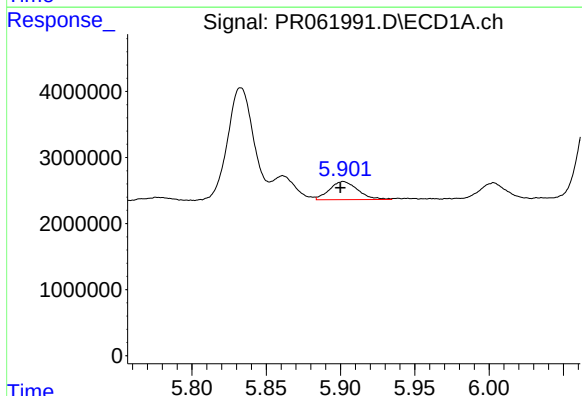
R.T.: 5.111 min
Delta R.T.: 0.001 min
Response: 27357776
Conc: 679.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



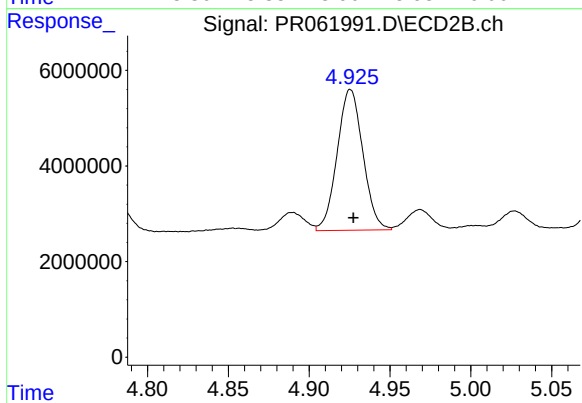
#19 AR-1242-4

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 37343607
Conc: 629.05 ng/ml



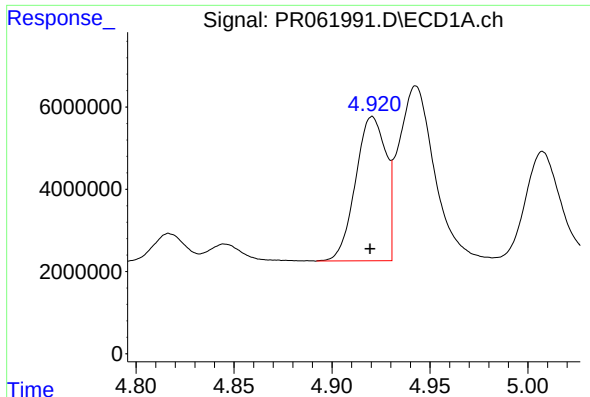
#20 AR-1242-5

R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 3647303
Conc: 92.54 ng/ml



#20 AR-1242-5

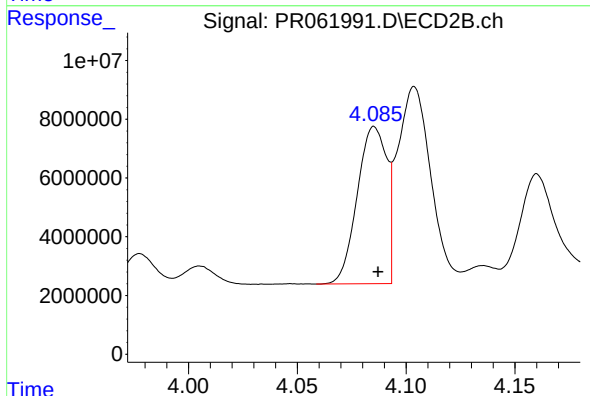
R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 32635205
Conc: 415.09 ng/ml



#21 AR-1248-1

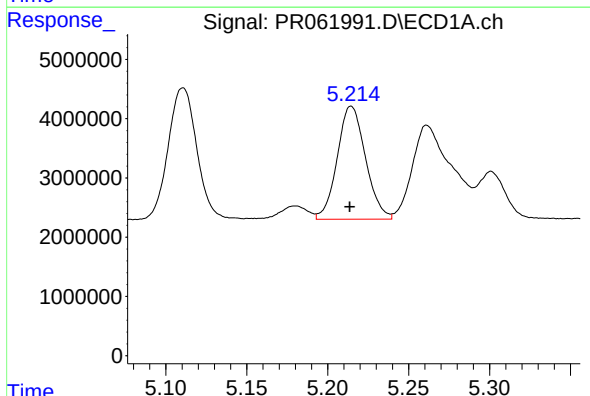
R.T.: 4.921 min
Delta R.T.: 0.001 min
Response: 37813128
Conc: 884.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



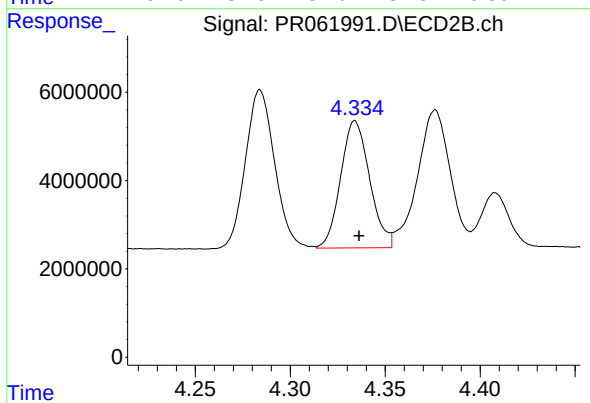
#21 AR-1248-1

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 50339399
Conc: 822.54 ng/ml



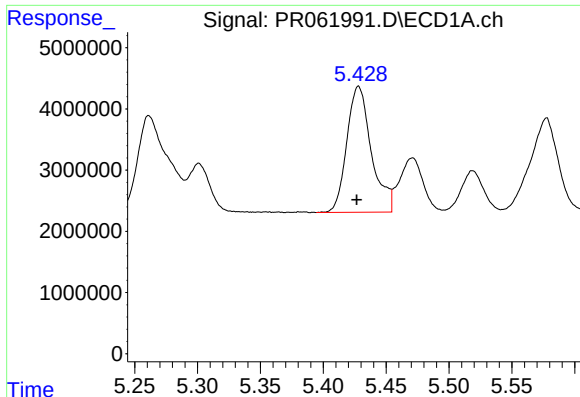
#22 AR-1248-2

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 23203873
Conc: 374.17 ng/ml



#22 AR-1248-2

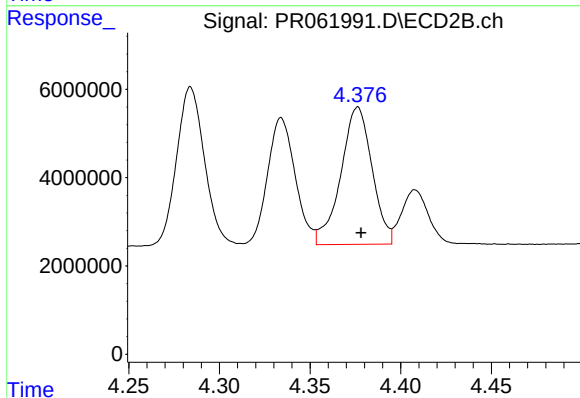
R.T.: 4.334 min
Delta R.T.: -0.002 min
Response: 30653328
Conc: 355.69 ng/ml



#23 AR-1248-3

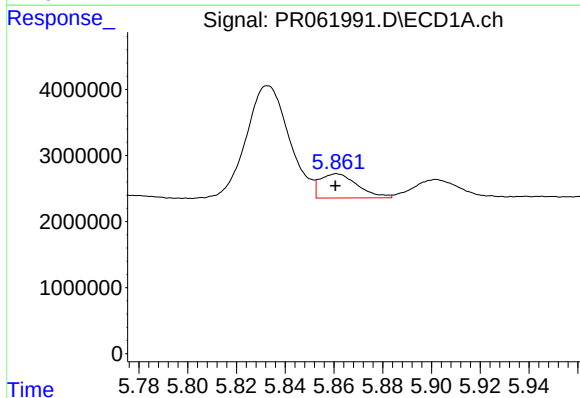
R.T.: 5.428 min
Delta R.T.: 0.001 min
Response: 27997218
Conc: 389.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



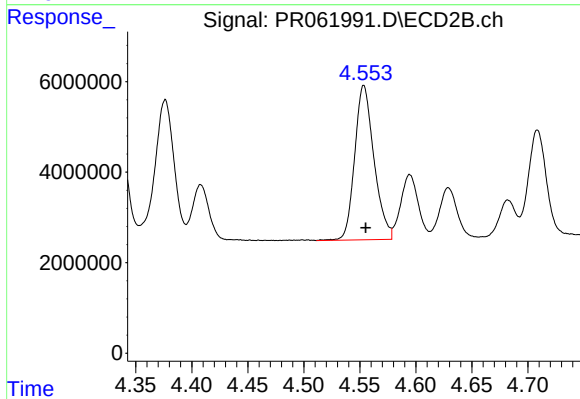
#23 AR-1248-3

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 37343607
Conc: 419.69 ng/ml



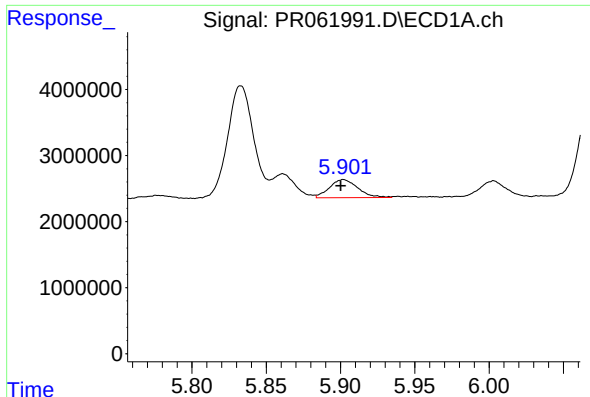
#24 AR-1248-4

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 3917110
Conc: 53.60 ng/ml



#24 AR-1248-4

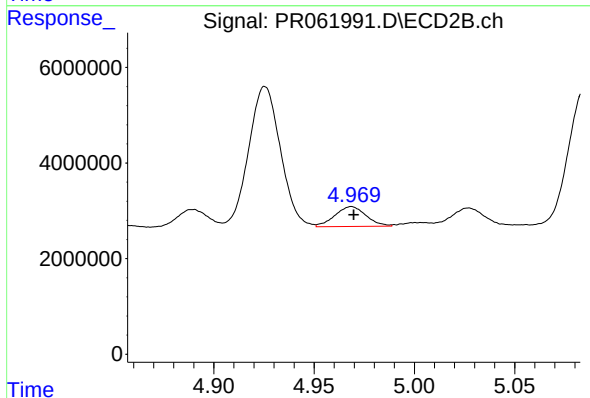
R.T.: 4.554 min
Delta R.T.: -0.002 min
Response: 40857438
Conc: 378.74 ng/ml



#25 AR-1248-5

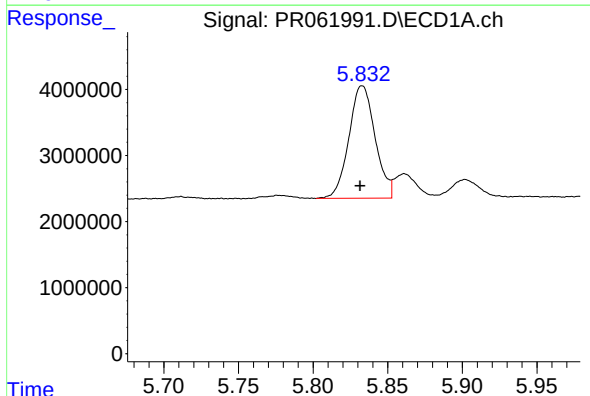
R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 3647303
Conc: 51.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



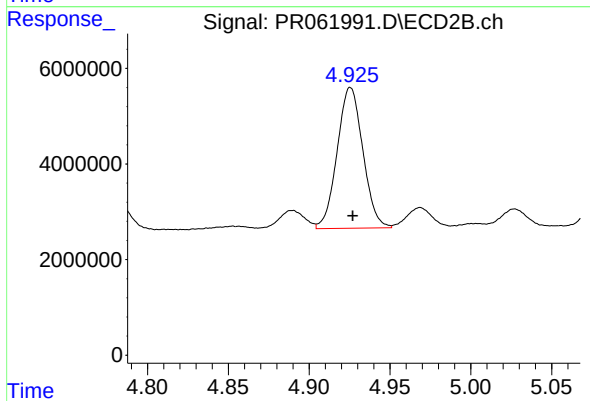
#25 AR-1248-5

R.T.: 4.969 min
Delta R.T.: -0.001 min
Response: 4516829
Conc: 42.22 ng/ml



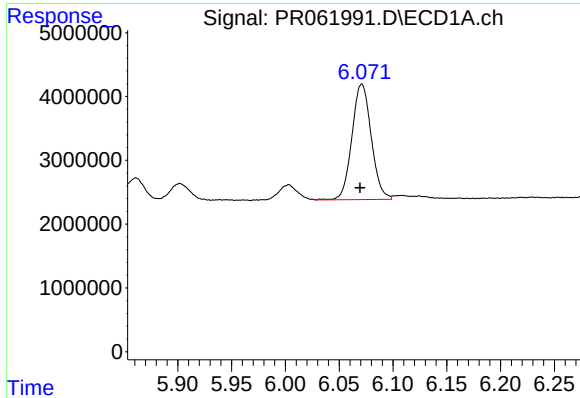
#26 AR-1254-1

R.T.: 5.833 min
Delta R.T.: 0.001 min
Response: 20815829
Conc: 260.93 ng/ml



#26 AR-1254-1

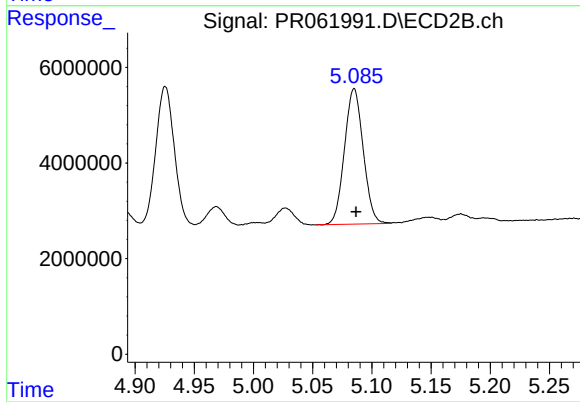
R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 32635205
Conc: 204.55 ng/ml



#27 AR-1254-2

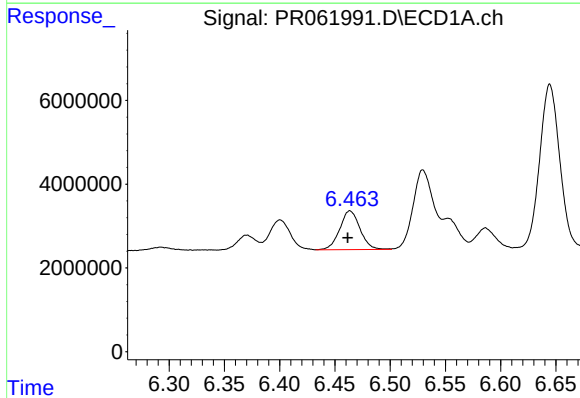
R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 22660218
Conc: 192.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



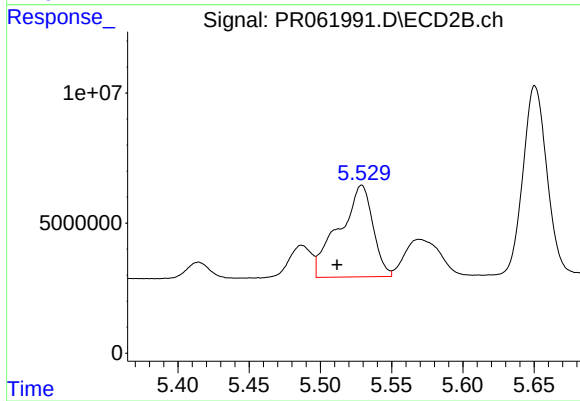
#27 AR-1254-2

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 31249778
Conc: 215.18 ng/ml



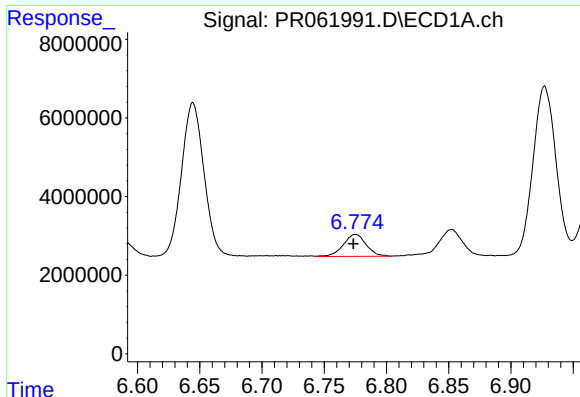
#28 AR-1254-3

R.T.: 6.464 min
Delta R.T.: 0.002 min
Response: 11870210
Conc: 103.54 ng/ml



#28 AR-1254-3

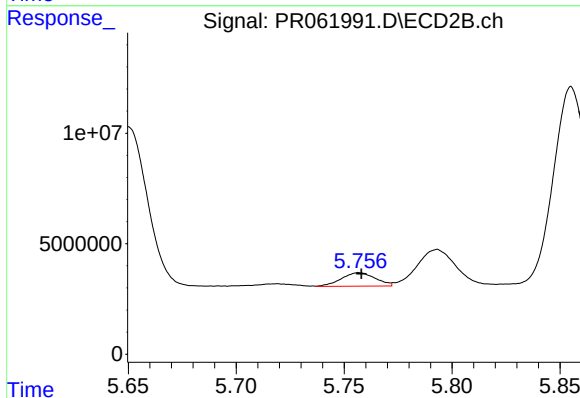
R.T.: 5.529 min
Delta R.T.: 0.017 min
Response: 58184474
Conc: 245.95 ng/ml



#29 AR-1254-4

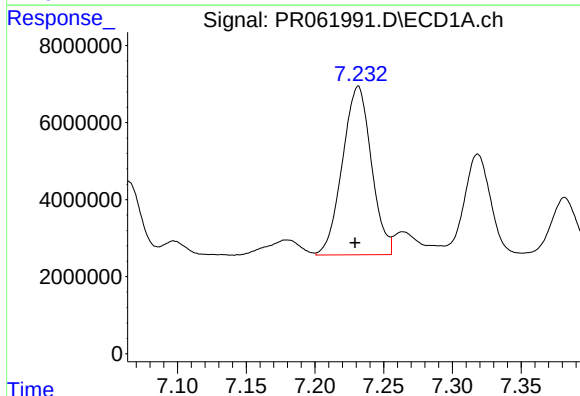
R.T.: 6.775 min
Delta R.T.: 0.002 min
Response: 7147992
Conc: 89.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



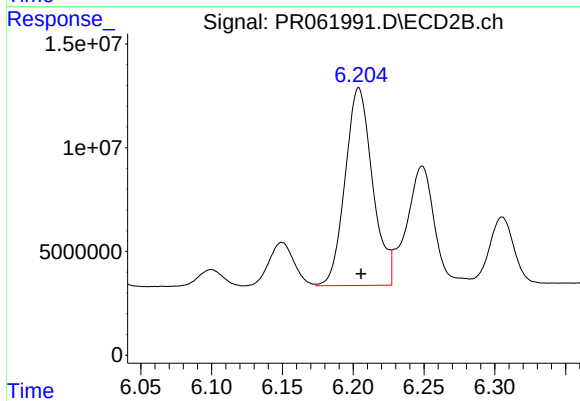
#29 AR-1254-4

R.T.: 5.757 min
Delta R.T.: -0.001 min
Response: 6699721
Conc: 43.99 ng/ml



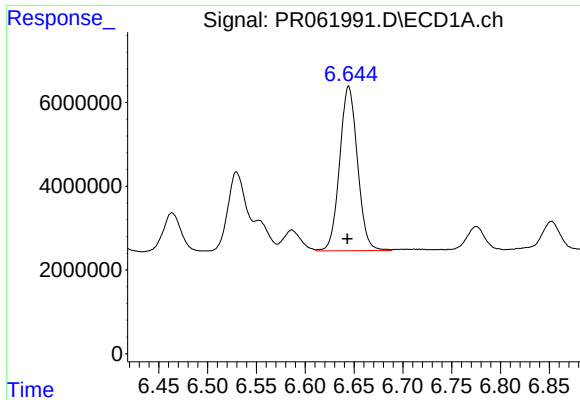
#30 AR-1254-5

R.T.: 7.232 min
Delta R.T.: 0.002 min
Response: 64139858
Conc: 715.05 ng/ml



#30 AR-1254-5

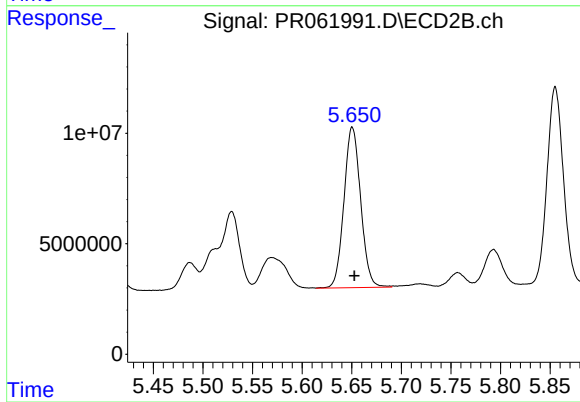
R.T.: 6.204 min
Delta R.T.: -0.002 min
Response: 128247819
Conc: 523.09 ng/ml



#31 AR-1260-1

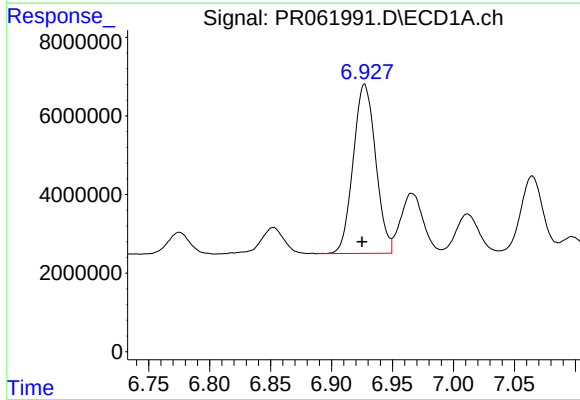
R.T.: 6.645 min
Delta R.T.: 0.001 min
Response: 49965916
Conc: 502.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



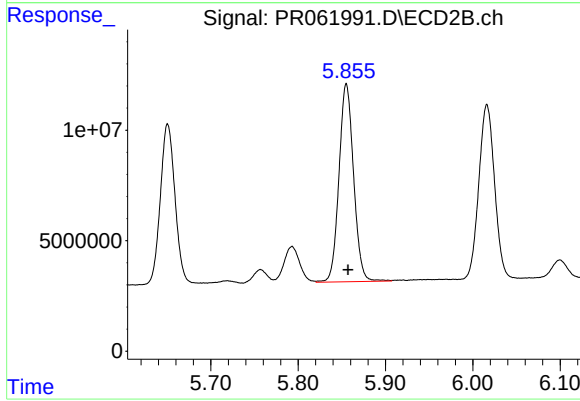
#31 AR-1260-1

R.T.: 5.651 min
Delta R.T.: -0.002 min
Response: 85283288
Conc: 491.26 ng/ml



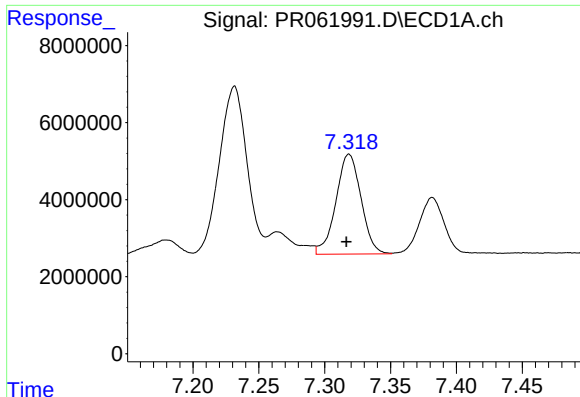
#32 AR-1260-2

R.T.: 6.927 min
Delta R.T.: 0.002 min
Response: 55226689
Conc: 501.10 ng/ml



#32 AR-1260-2

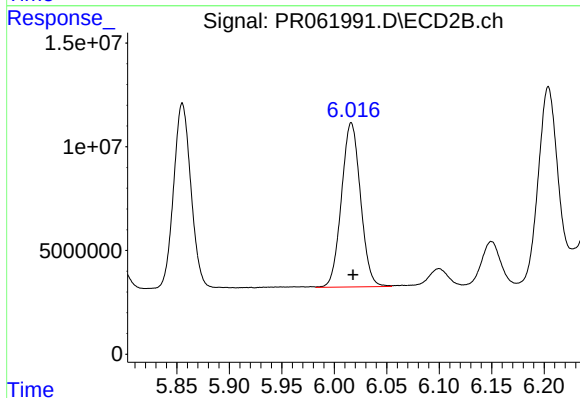
R.T.: 5.855 min
Delta R.T.: -0.002 min
Response: 104116702
Conc: 473.27 ng/ml



#33 AR-1260-3

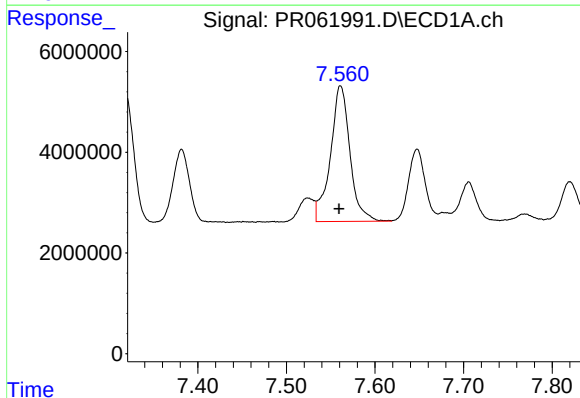
R.T.: 7.318 min
Delta R.T.: 0.002 min
Response: 34450082
Conc: 497.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



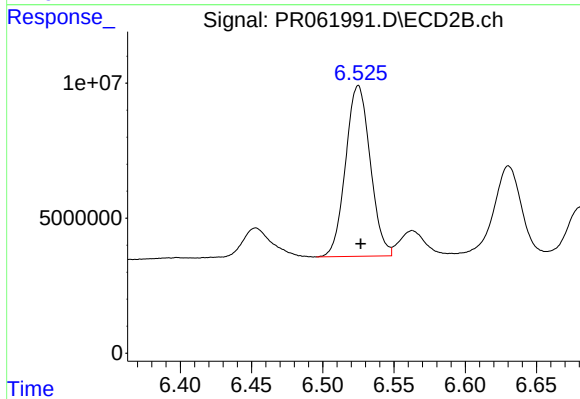
#33 AR-1260-3

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 99895124
Conc: 477.49 ng/ml



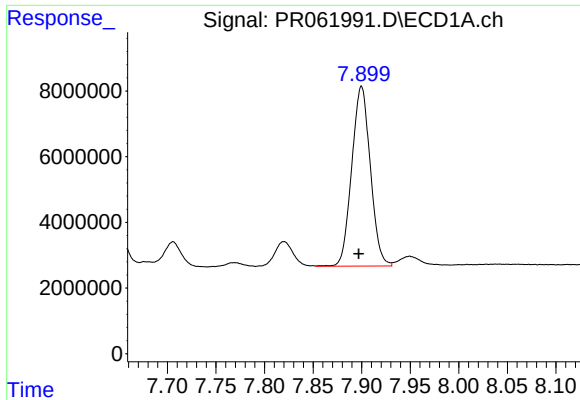
#34 AR-1260-4

R.T.: 7.561 min
Delta R.T.: 0.002 min
Response: 41336299
Conc: 504.73 ng/ml



#34 AR-1260-4

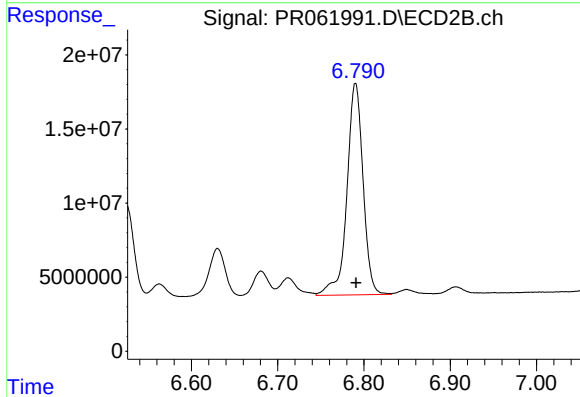
R.T.: 6.525 min
Delta R.T.: -0.002 min
Response: 76146304
Conc: 482.00 ng/ml



#35 AR-1260-5

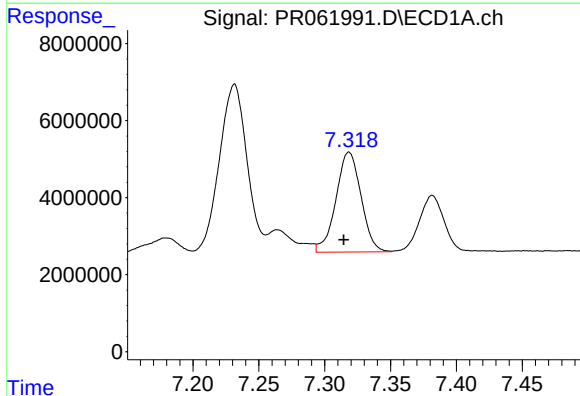
R.T.: 7.900 min
Delta R.T.: 0.003 min
Response: 72946464
Conc: 518.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



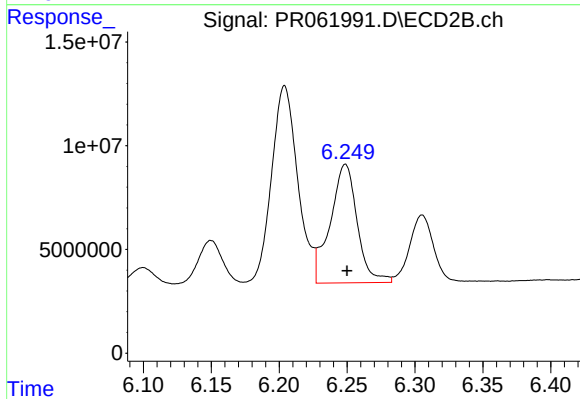
#35 AR-1260-5

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 185900397
Conc: 500.54 ng/ml



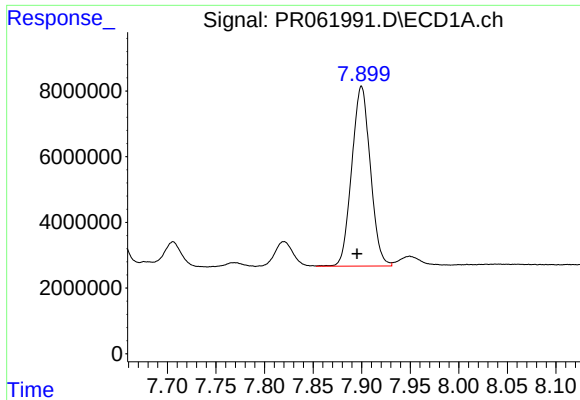
#36 AR-1262-1

R.T.: 7.318 min
Delta R.T.: 0.004 min
Response: 34450082
Conc: 320.95 ng/ml



#36 AR-1262-1

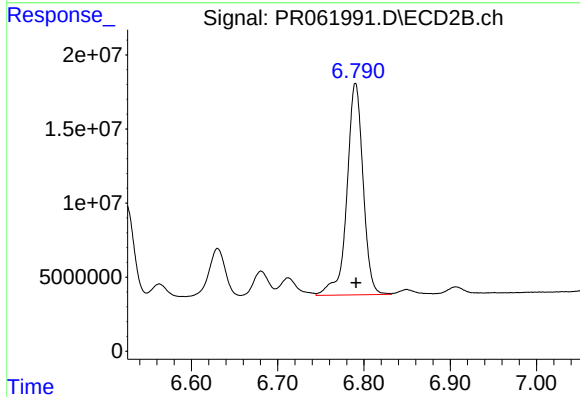
R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 79153896
Conc: 333.77 ng/ml



#37 AR-1262-2

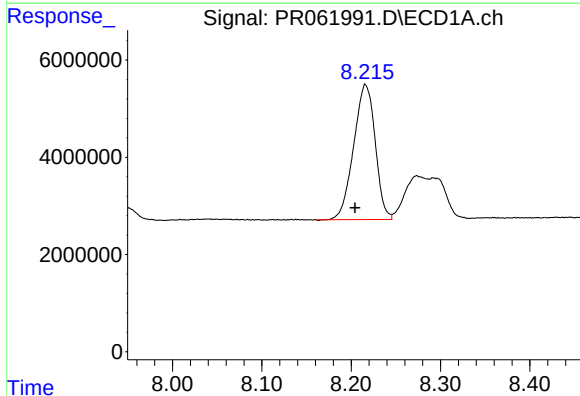
R.T.: 7.900 min
Delta R.T.: 0.005 min
Response: 72946464
Conc: 439.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



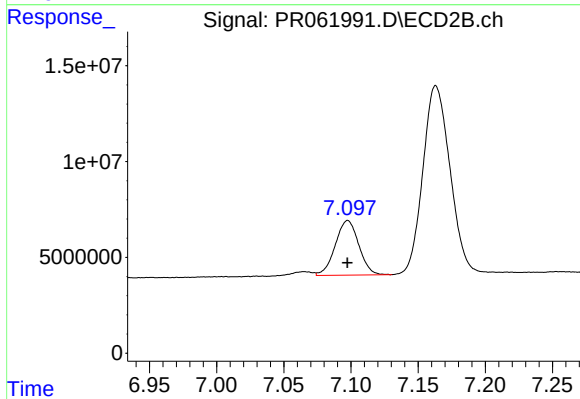
#37 AR-1262-2

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 185900397
Conc: 424.07 ng/ml



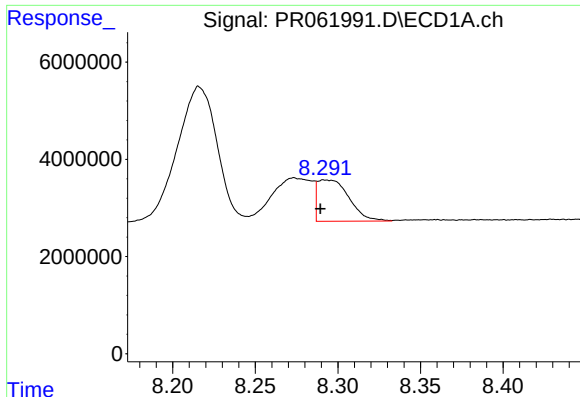
#38 AR-1262-3

R.T.: 8.216 min
Delta R.T.: 0.012 min
Response: 46574073
Conc: 407.60 ng/ml



#38 AR-1262-3

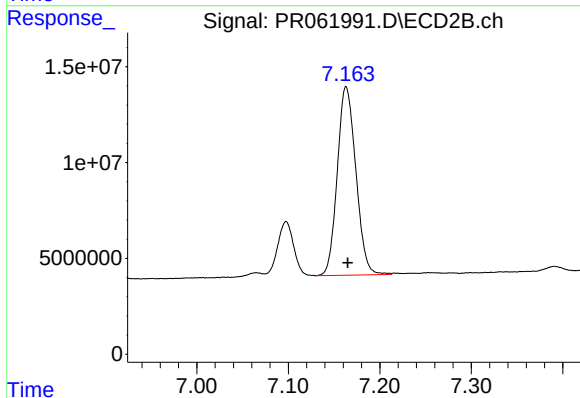
R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 34681517
Conc: 184.01 ng/ml



#39 AR-1262-4

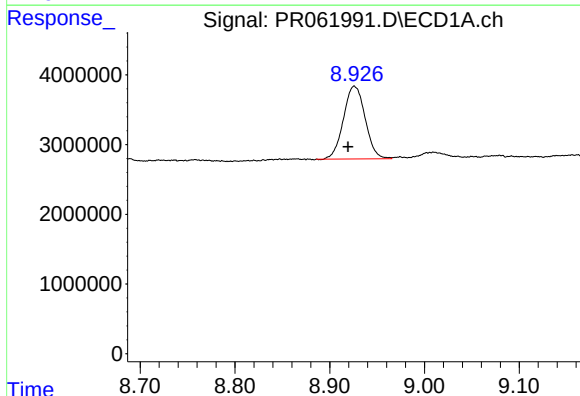
R.T.: 8.292 min
Delta R.T.: 0.003 min
Response: 11336213
Conc: 126.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



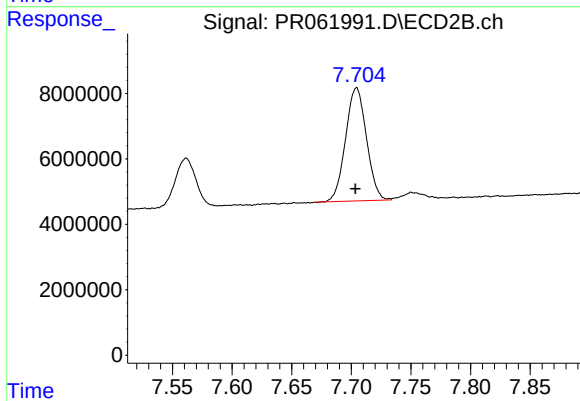
#39 AR-1262-4

R.T.: 7.163 min
Delta R.T.: -0.002 min
Response: 138889470
Conc: 412.91 ng/ml



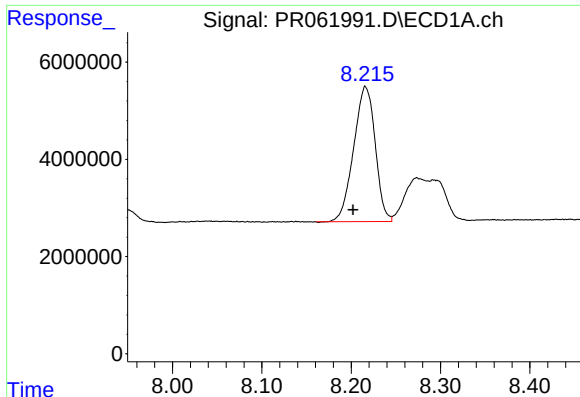
#40 AR-1262-5

R.T.: 8.926 min
Delta R.T.: 0.007 min
Response: 16589476
Conc: 281.43 ng/ml



#40 AR-1262-5

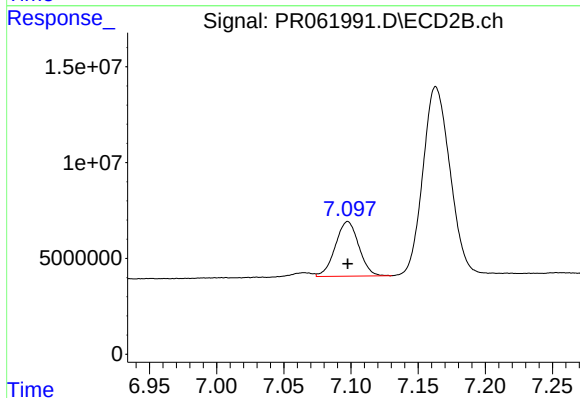
R.T.: 7.704 min
Delta R.T.: 0.000 min
Response: 42209748
Conc: 263.41 ng/ml



#41 AR-1268-1

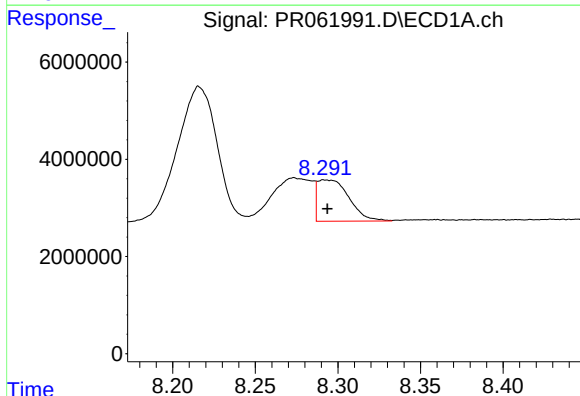
R.T.: 8.216 min
Delta R.T.: 0.014 min
Response: 46574073
Conc: 235.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



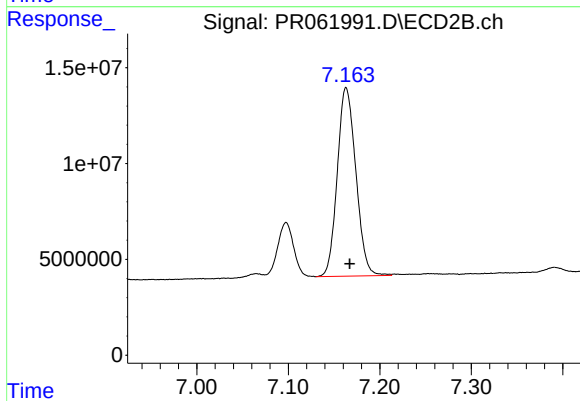
#41 AR-1268-1

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 34681517
Conc: 67.41 ng/ml



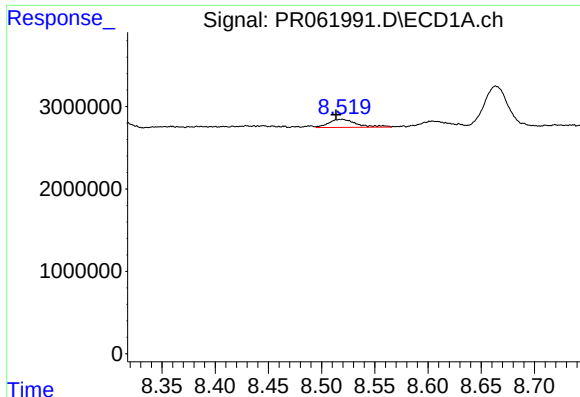
#42 AR-1268-2

R.T.: 8.292 min
Delta R.T.: -0.001 min
Response: 11336213
Conc: 62.22 ng/ml



#42 AR-1268-2

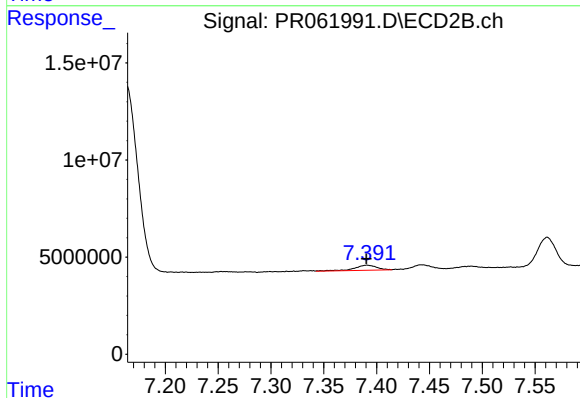
R.T.: 7.163 min
Delta R.T.: -0.004 min
Response: 138889470
Conc: 291.85 ng/ml



#43 AR-1268-3

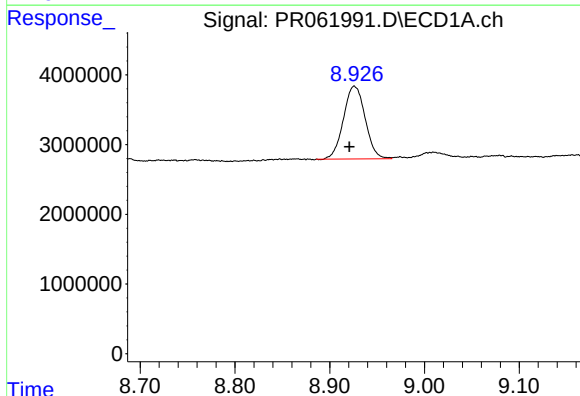
R.T.: 8.519 min
Delta R.T.: 0.005 min
Response: 1799420
Conc: 11.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



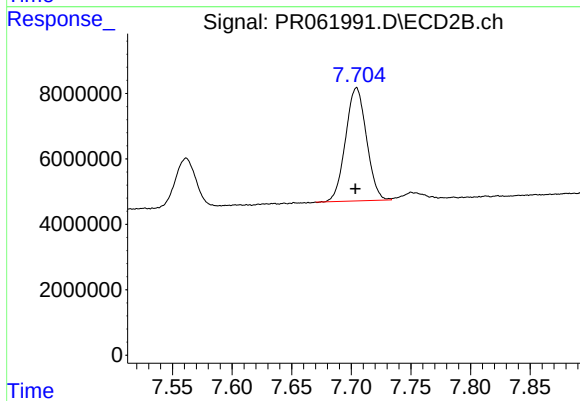
#43 AR-1268-3

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 3858236
Conc: 9.42 ng/ml



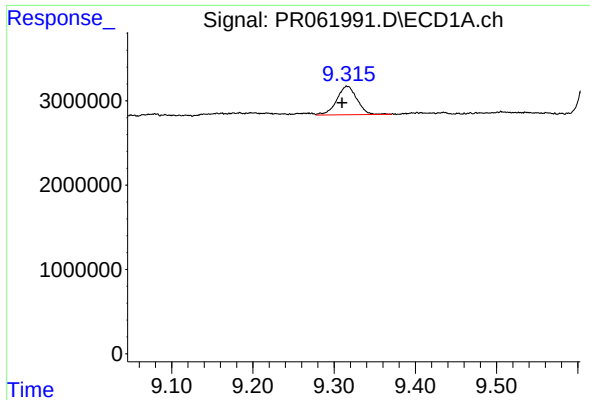
#44 AR-1268-4

R.T.: 8.926 min
Delta R.T.: 0.005 min
Response: 16589476
Conc: 257.80 ng/ml



#44 AR-1268-4

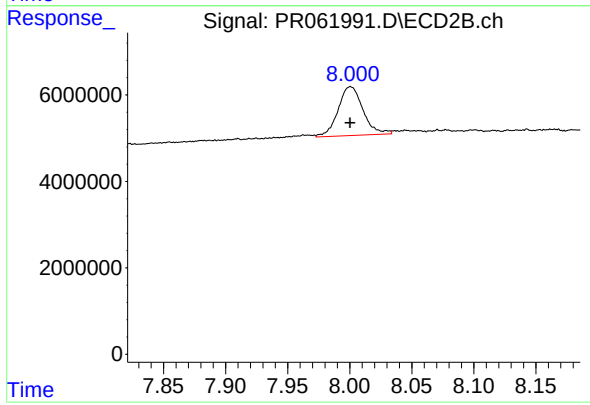
R.T.: 7.704 min
Delta R.T.: 0.000 min
Response: 42209748
Conc: 240.16 ng/ml



#45 AR-1268-5

R.T.: 9.316 min
Delta R.T.: 0.007 min
Response: 5847033
Conc: 12.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 15783556
Conc: 12.25 ng/ml