

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062023\
 Data File : PR061919.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 16:17
 Operator : YP\AJ
 Sample : 03312-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:40:09 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	43047863	76667418	19.577	27.909 #
2)	SA Decachlor...	9.624	8.246	29244074	62288349	20.211	17.564
Target Compounds							
3)	L1 AR-1016-1	4.902f	4.085	822267	16325572	11.043	160.710 #
4)	L1 AR-1016-2	4.945	4.085f	31348112	16325572	296.490	116.032 #
5)	L1 AR-1016-3	5.017	0.000	27566049	0	410.948	N.D. #
6)	L1 AR-1016-4	5.093f	4.355f	26310585	10530144	491.653	164.243 #
7)	L1 AR-1016-5	5.431	4.557	1791121	642102	32.341	7.725 #
8)	L2 AR-1221-1	3.899	3.180	294.4E6	1860277	10910.497	51.878 #
9)	L2 AR-1221-2	4.007	3.247f	2767803	176.3E6	144.886	6408.327 #
10)	L2 AR-1221-3	4.093	0.000	8544884	0	141.069	N.D. #
11)	L3 AR-1232-1	4.093	0.000	8544884	0	186.867	N.D. #
12)	L3 AR-1232-2	4.627	4.085f	6457705	16325572	242.999	263.015
13)	L3 AR-1232-3	4.945	0.000	31348112	0	680.174	N.D. #
14)	L3 AR-1232-4	5.093f	4.390	26310585	1187612	1151.059	37.823 #
15)	L3 AR-1232-5	5.214	4.557	21228805	642102	1153.652	17.825 #
16)	L4 AR-1242-1	4.902f	4.085	822267	16325572	14.819	214.431 #
17)	L4 AR-1242-2	4.945	4.085f	31348112	16325572	398.754	156.792 #
18)	L4 AR-1242-3	5.017	0.000	27566049	0	550.403	N.D. #
19)	L4 AR-1242-4	5.093f	4.390	26310585	1187612	653.067	20.005 #
20)	L4 AR-1242-5	5.904	4.927	10682518	10695068	271.037	136.031 #
21)	L5 AR-1248-1	4.902f	4.085	822267	16325572	19.240	266.756 #
22)	L5 AR-1248-2	5.214	4.355f	21228805	10530144	342.317	122.189 #
23)	L5 AR-1248-3	5.431	4.390	1791121	1187612	24.898	13.347 #
24)	L5 AR-1248-4	5.858	4.557	10903293	642102	149.199	5.952 #
25)	L5 AR-1248-5	5.904	4.968	10682518	3334011	150.027	31.167 #
26)	L6 AR-1254-1	5.833	4.927	3428067	10695068	42.971	67.035 #
27)	L6 AR-1254-2	6.068	5.086	15025698	10444704	127.750	71.919 #
28)	L6 AR-1254-3	6.461	5.511	14663727	22838733	127.910	96.542
29)	L6 AR-1254-4	6.771	5.758	10717229	15132744	134.042	99.368 #
30)	L6 AR-1254-5	7.228	6.206	11716023	47276747	130.614	192.828 #
31)	L7 AR-1260-1	6.641	5.653	9777702	16280405	98.328	93.781
32)	L7 AR-1260-2	6.920	5.856	14681941	14193349	133.217	64.517 #
33)	L7 AR-1260-3	7.314	6.014	1469778	11648240	21.233	55.677 #
34)	L7 AR-1260-4	7.537f	6.526	5186127	4857667	63.324	30.749 #
35)	L7 AR-1260-5	7.892	6.789	4918206	8315597	34.934	22.390 #
36)	L8 AR-1262-1	7.314	6.247	1469778	2351285	13.693	9.915 #
37)	L8 AR-1262-2	7.892	6.789	4918206	8315597	29.623	18.969 #
38)	L8 AR-1262-3	8.211	7.086	1684107	5354246	14.739	28.408 #
39)	L8 AR-1262-4	8.295	7.162	2574811	8246213	28.839	24.516
41)	L9 AR-1268-1	8.211	7.086	1684107	5354246	8.517	10.407
42)	L9 AR-1268-2	8.295	7.162	2574811	8246213	14.132	17.328

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 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
43) L9	AR-1268-3	0.000	7.385	0	28181417	N.D.	68.815 #
45) L9	AR-1268-5	9.315	7.983f	1229893	8901015	2.673	6.910 #

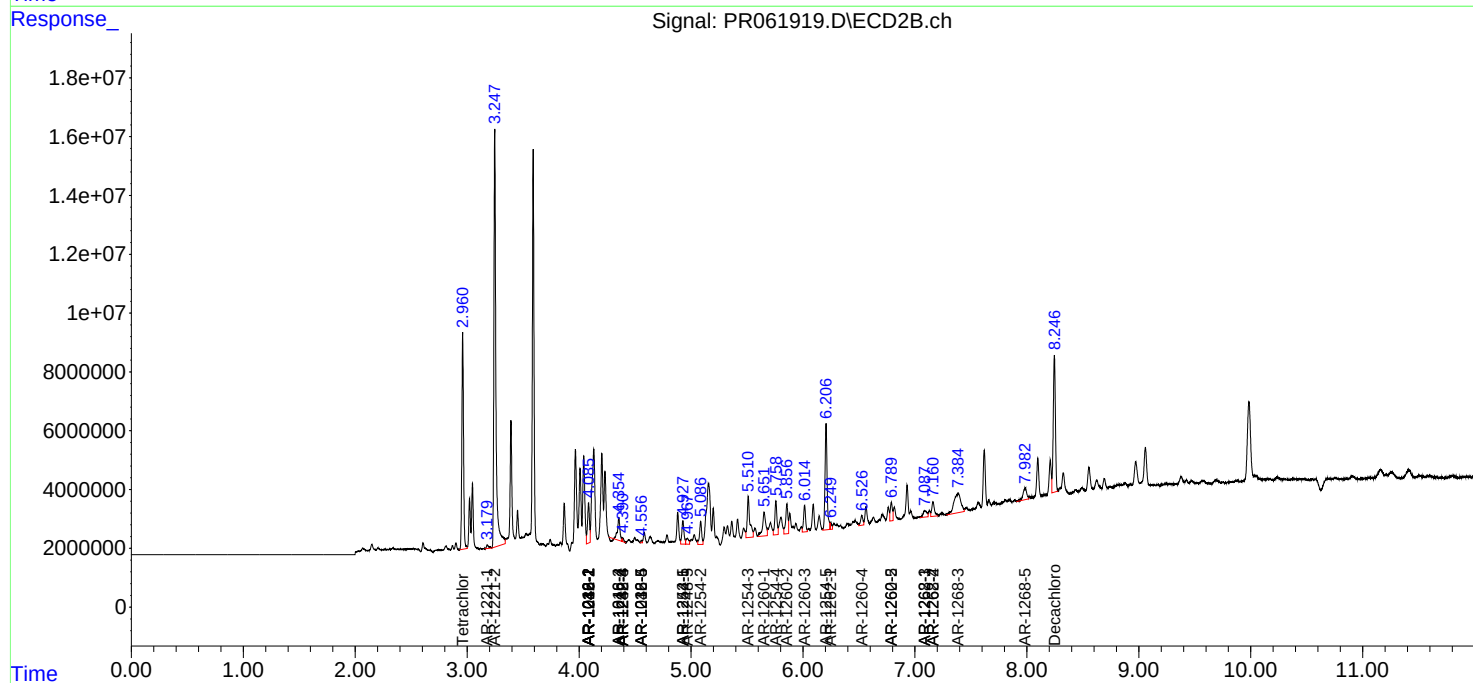
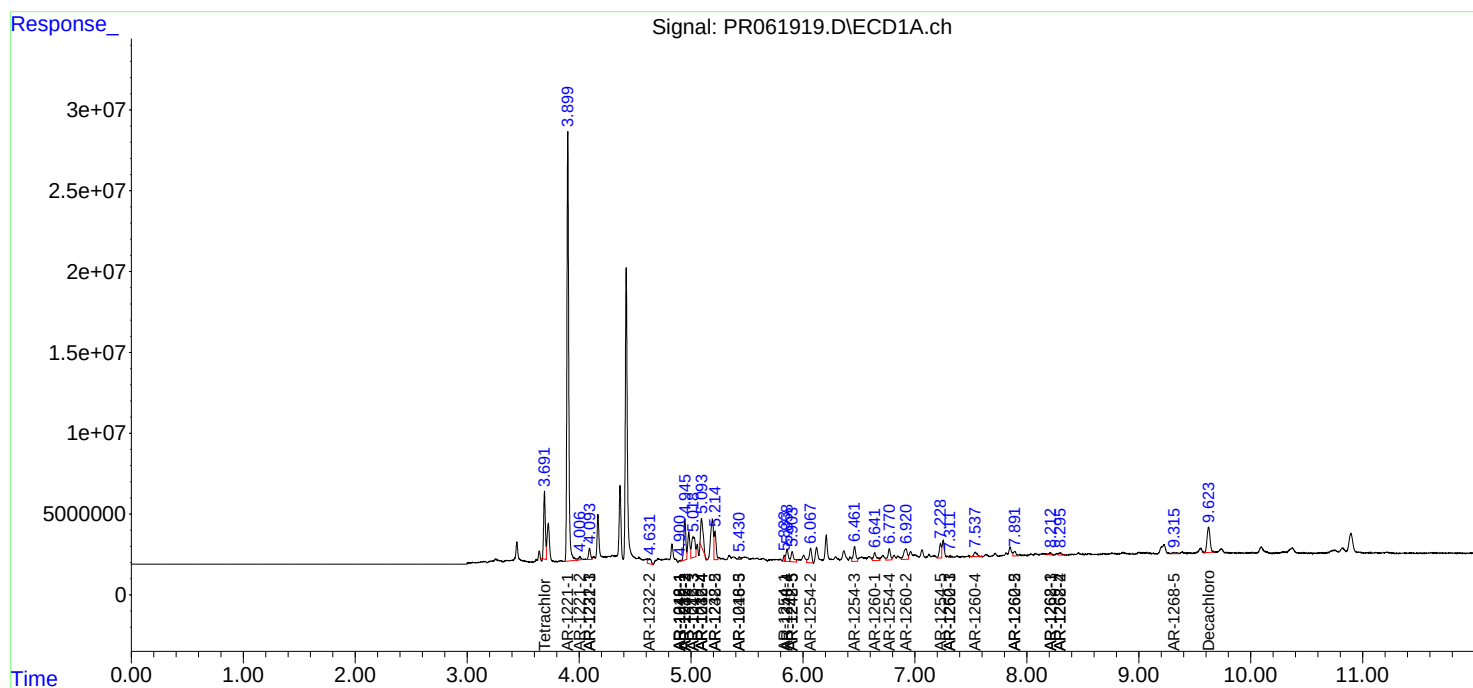
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

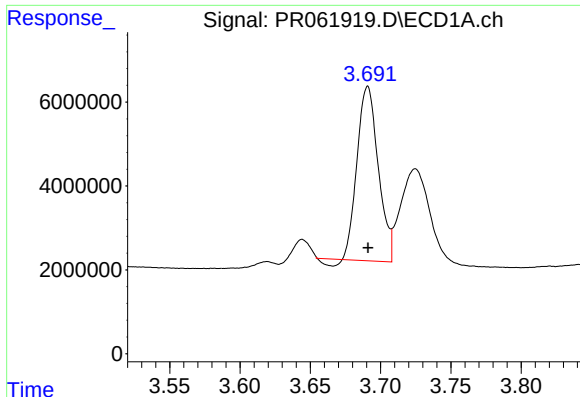
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

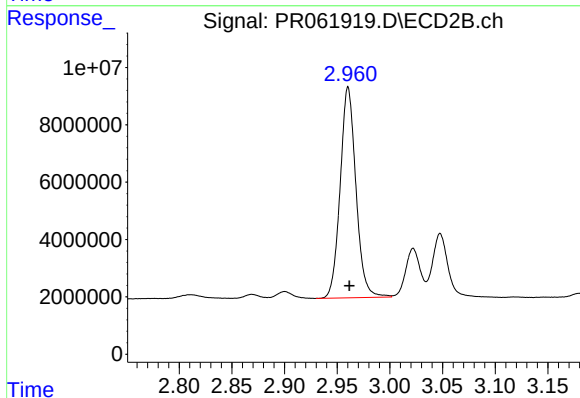




#1 Tetrachloro-m-xylene

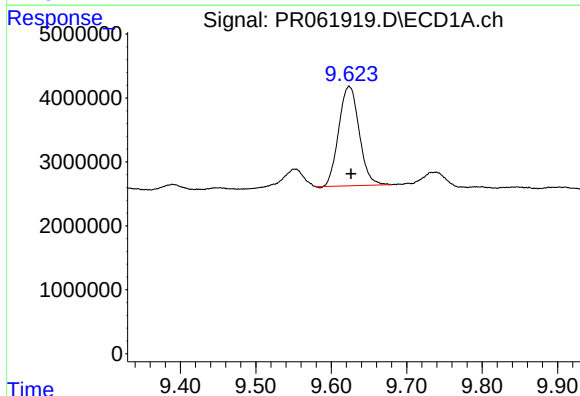
R.T.: 3.691 min
Delta R.T.: 0.000 min
Response: 43047863
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



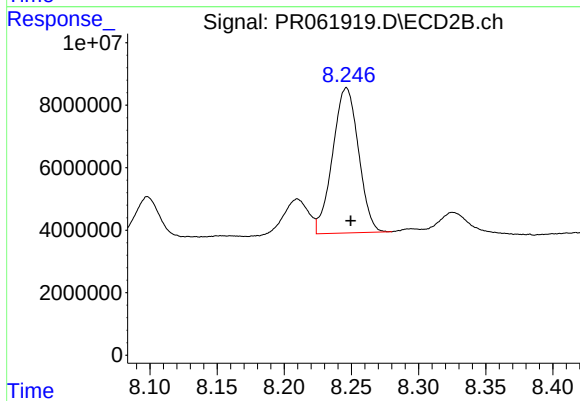
#1 Tetrachloro-m-xylene

R.T.: 2.960 min
Delta R.T.: -0.001 min
Response: 76667418
Conc: 27.91 ng/ml



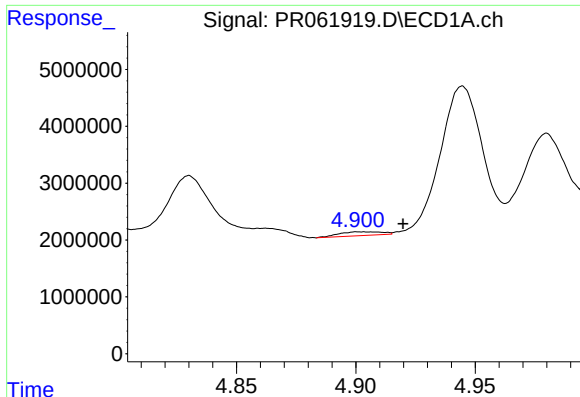
#2 Decachlorobiphenyl

R.T.: 9.624 min
Delta R.T.: -0.002 min
Response: 29244074
Conc: 20.21 ng/ml



#2 Decachlorobiphenyl

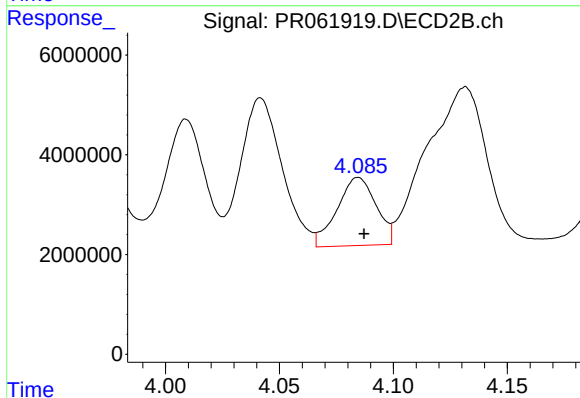
R.T.: 8.246 min
Delta R.T.: -0.003 min
Response: 62288349
Conc: 17.56 ng/ml



#3 AR-1016-1

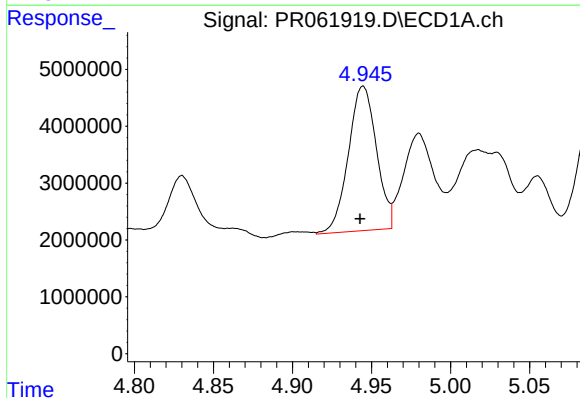
R.T.: 4.902 min
Delta R.T.: -0.018 min
Response: 822267
Conc: 11.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



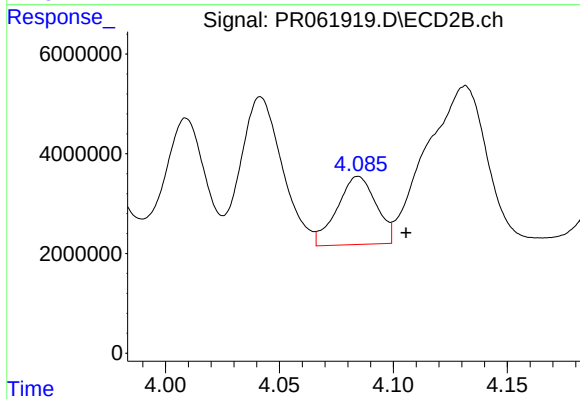
#3 AR-1016-1

R.T.: 4.085 min
Delta R.T.: -0.003 min
Response: 16325572
Conc: 160.71 ng/ml



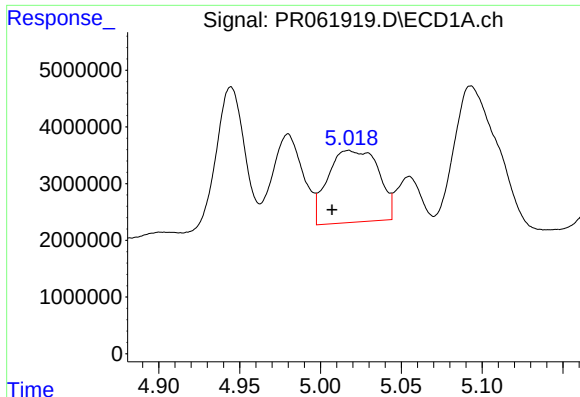
#4 AR-1016-2

R.T.: 4.945 min
Delta R.T.: 0.002 min
Response: 31348112
Conc: 296.49 ng/ml



#4 AR-1016-2

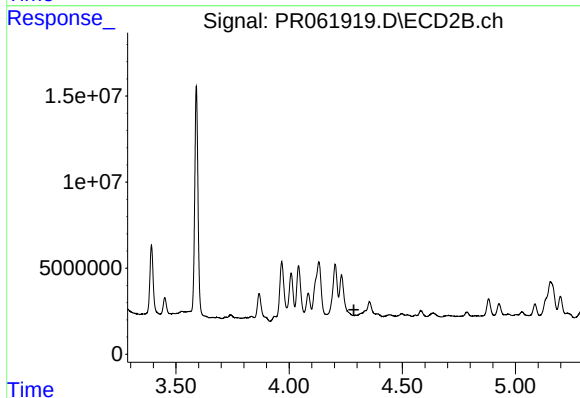
R.T.: 4.085 min
Delta R.T.: -0.021 min
Response: 16325572
Conc: 116.03 ng/ml



#5 AR-1016-3

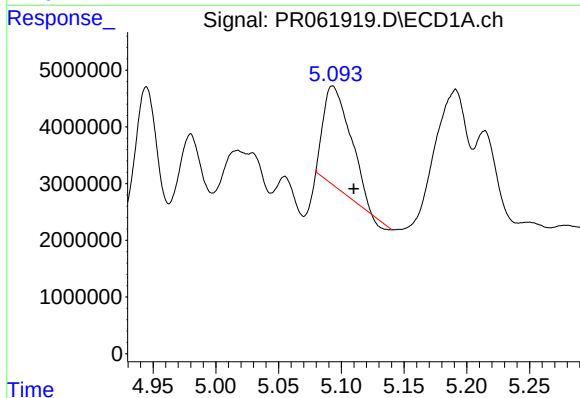
R.T.: 5.017 min
Delta R.T.: 0.010 min
Response: 27566049
Conc: 410.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



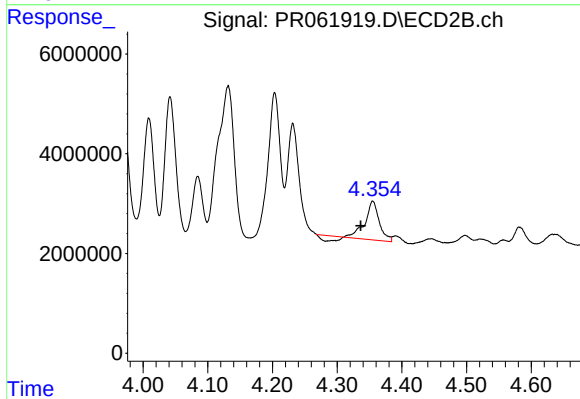
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.286 min
Response: 0
Conc: N.D.



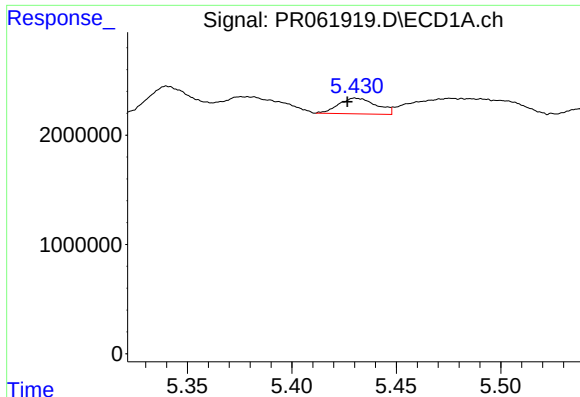
#6 AR-1016-4

R.T.: 5.093 min
Delta R.T.: -0.017 min
Response: 26310585
Conc: 491.65 ng/ml



#6 AR-1016-4

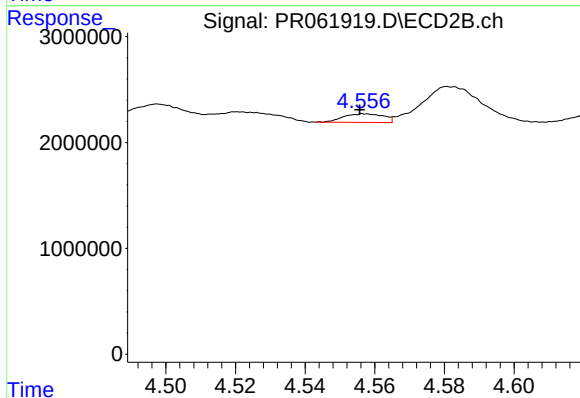
R.T.: 4.355 min
Delta R.T.: 0.019 min
Response: 10530144
Conc: 164.24 ng/ml



#7 AR-1016-5

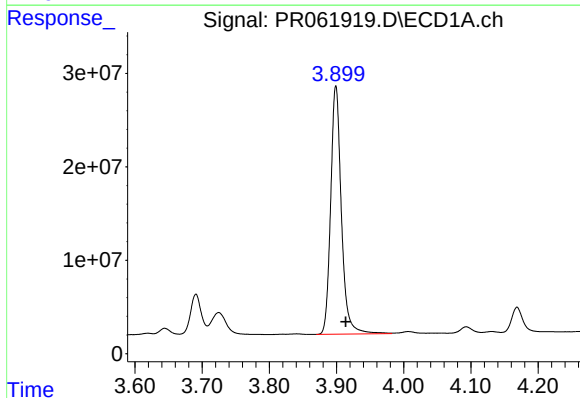
R.T.: 5.431 min
Delta R.T.: 0.004 min
Response: 1791121
Conc: 32.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



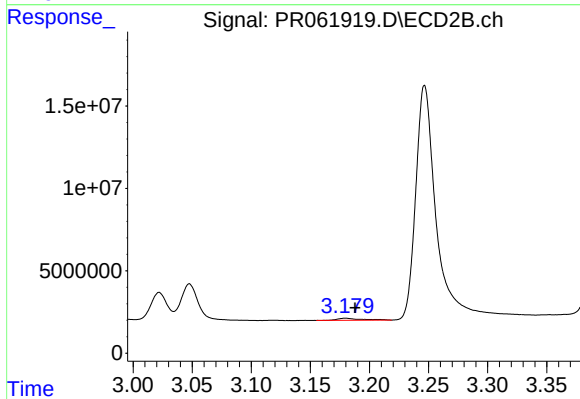
#7 AR-1016-5

R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 642102
Conc: 7.73 ng/ml



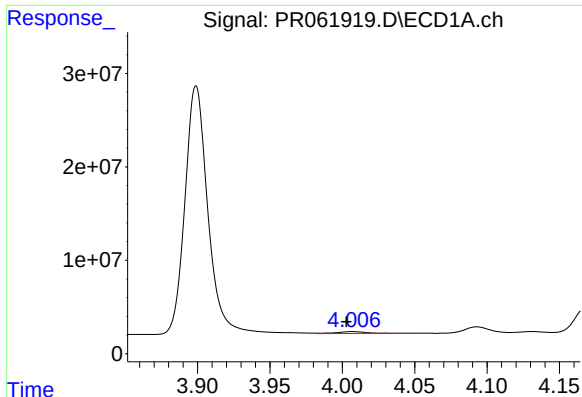
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: -0.015 min
Response: 294388120
Conc: 10910.50 ng/ml



#8 AR-1221-1

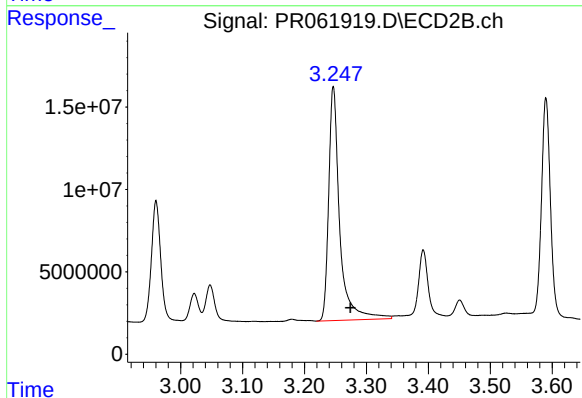
R.T.: 3.180 min
Delta R.T.: -0.008 min
Response: 1860277
Conc: 51.88 ng/ml



#9 AR-1221-2

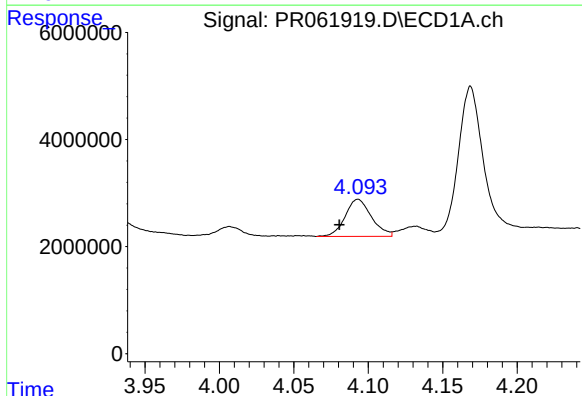
R.T.: 4.007 min
Delta R.T.: 0.004 min
Response: 2767803
Conc: 144.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



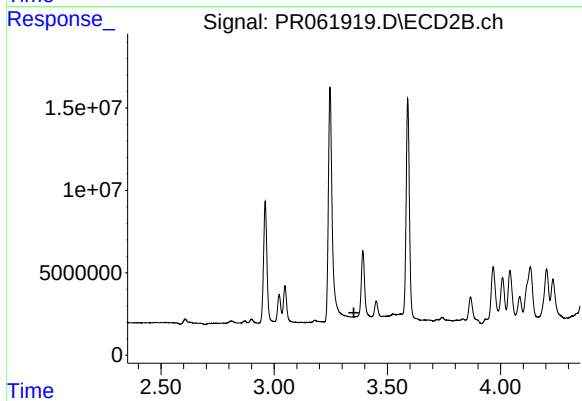
#9 AR-1221-2

R.T.: 3.247 min
Delta R.T.: -0.028 min
Response: 176318133
Conc: 6408.33 ng/ml



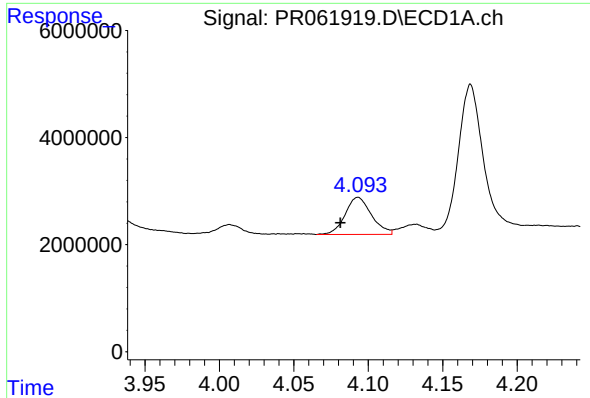
#10 AR-1221-3

R.T.: 4.093 min
Delta R.T.: 0.012 min
Response: 8544884
Conc: 141.07 ng/ml



#10 AR-1221-3

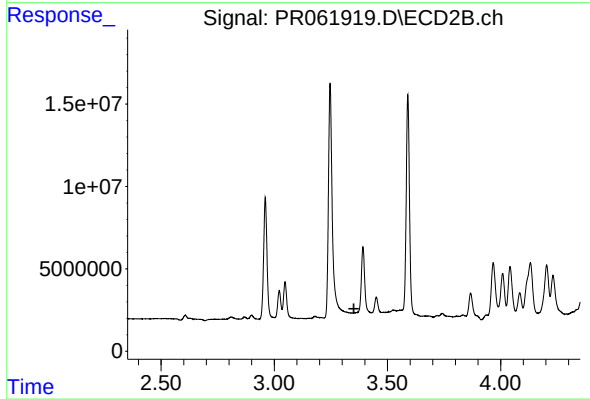
R.T.: 0.000 min
Exp R.T. : 3.352 min
Response: 0
Conc: N.D.



#11 AR-1232-1

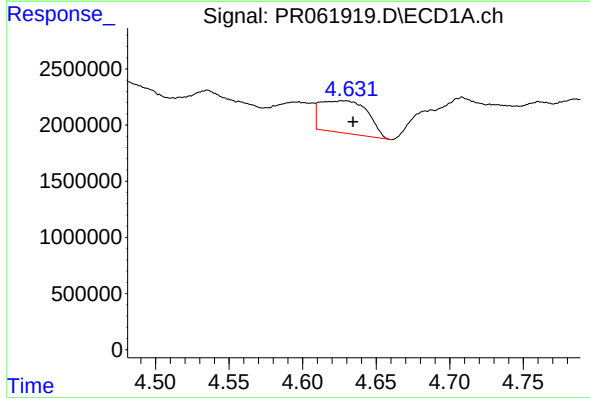
R.T.: 4.093 min
Delta R.T.: 0.012 min
Response: 8544884
Conc: 186.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



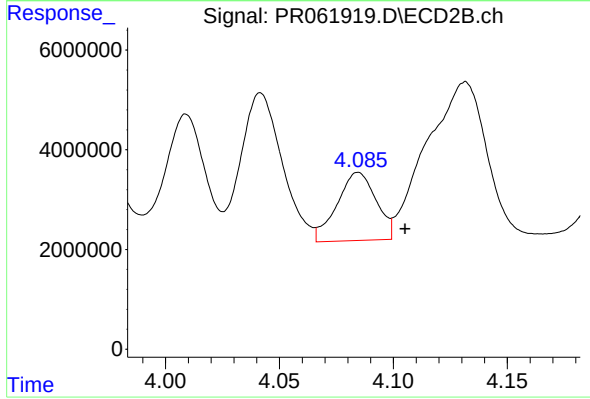
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.352 min
Response: 0
Conc: N.D.



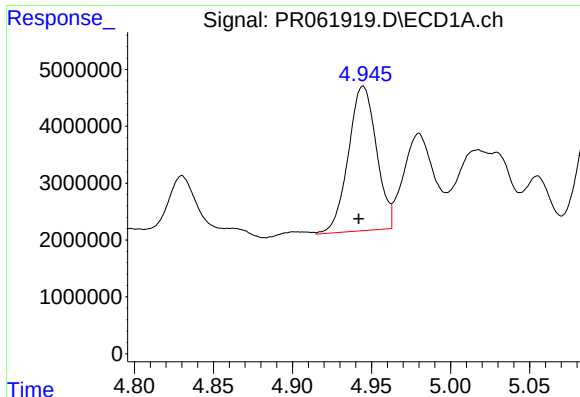
#12 AR-1232-2

R.T.: 4.627 min
Delta R.T.: -0.007 min
Response: 6457705
Conc: 243.00 ng/ml



#12 AR-1232-2

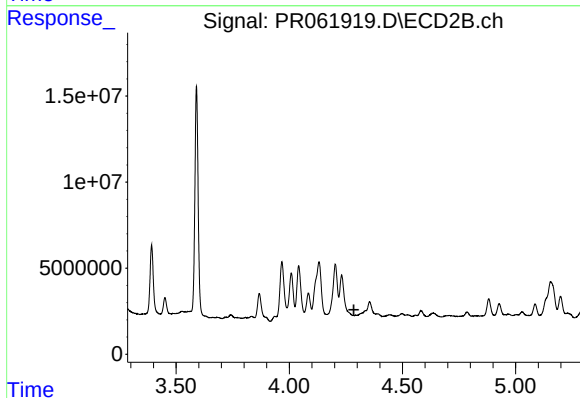
R.T.: 4.085 min
Delta R.T.: -0.021 min
Response: 16325572
Conc: 263.02 ng/ml



#13 AR-1232-3

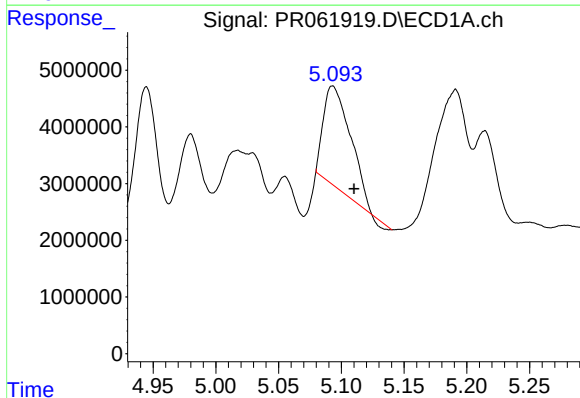
R.T.: 4.945 min
Delta R.T.: 0.003 min
Response: 31348112
Conc: 680.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



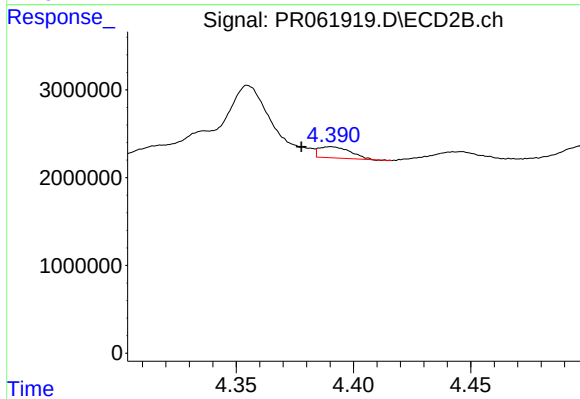
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.285 min
Response: 0
Conc: N.D.



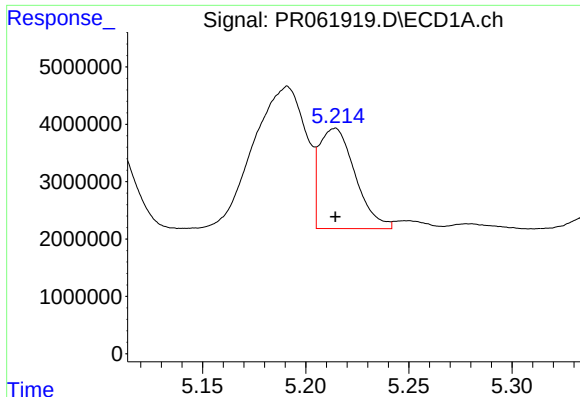
#14 AR-1232-4

R.T.: 5.093 min
Delta R.T.: -0.017 min
Response: 26310585
Conc: 1151.06 ng/ml



#14 AR-1232-4

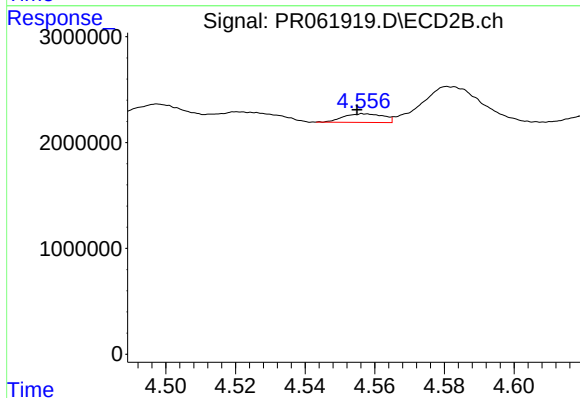
R.T.: 4.390 min
Delta R.T.: 0.013 min
Response: 1187612
Conc: 37.82 ng/ml



#15 AR-1232-5

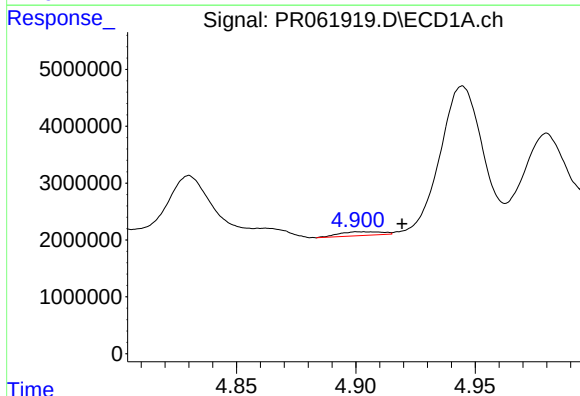
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 21228805
Conc: 1153.65 ng/ml

Instrument :
ECD_L
ClientSampleId :



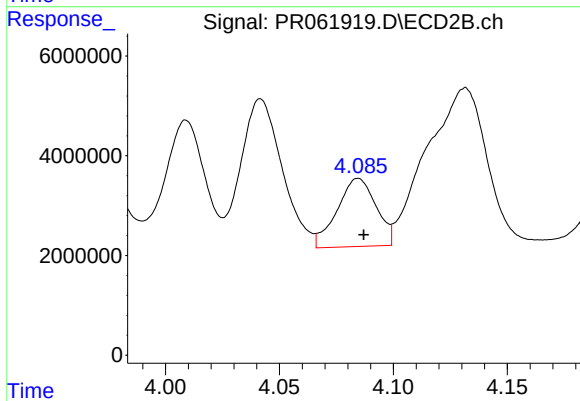
#15 AR-1232-5

R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 642102
Conc: 17.83 ng/ml



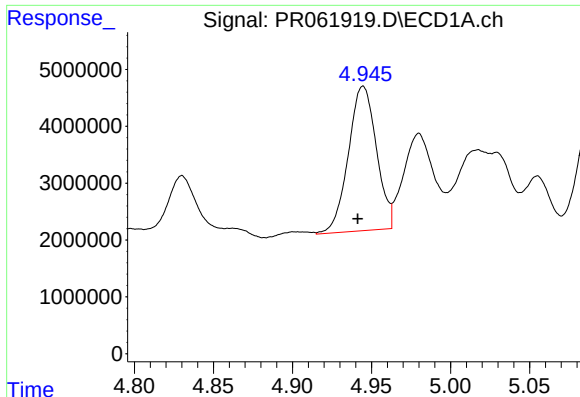
#16 AR-1242-1

R.T.: 4.902 min
Delta R.T.: -0.018 min
Response: 822267
Conc: 14.82 ng/ml



#16 AR-1242-1

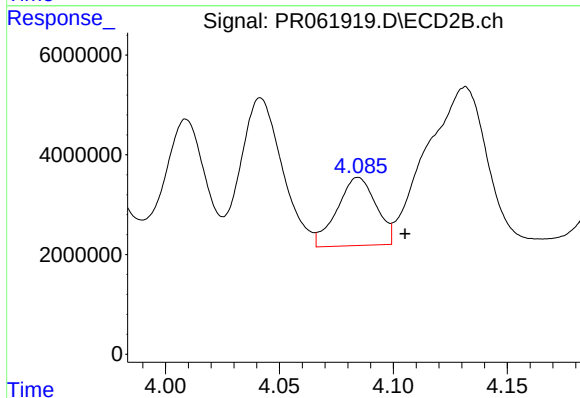
R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 16325572
Conc: 214.43 ng/ml



#17 AR-1242-2

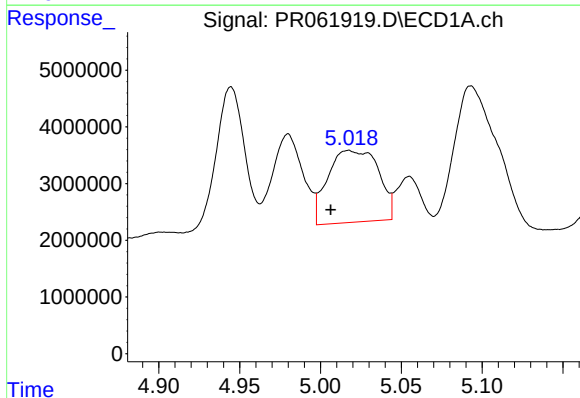
R.T.: 4.945 min
Delta R.T.: 0.003 min
Response: 31348112
Conc: 398.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



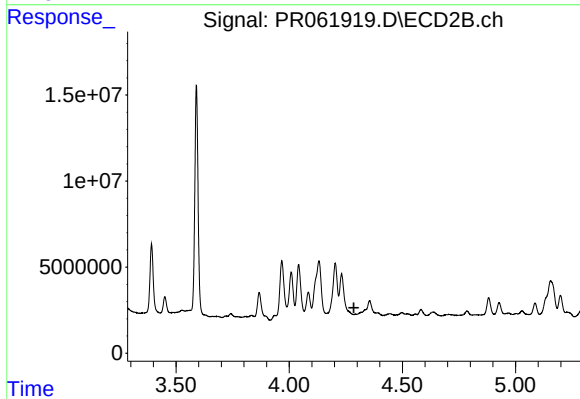
#17 AR-1242-2

R.T.: 4.085 min
Delta R.T.: -0.021 min
Response: 16325572
Conc: 156.79 ng/ml



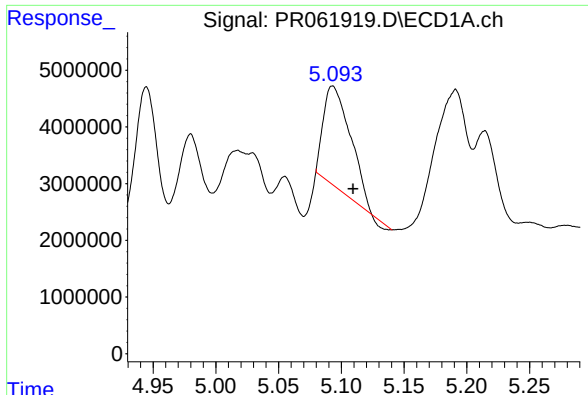
#18 AR-1242-3

R.T.: 5.017 min
Delta R.T.: 0.011 min
Response: 27566049
Conc: 550.40 ng/ml



#18 AR-1242-3

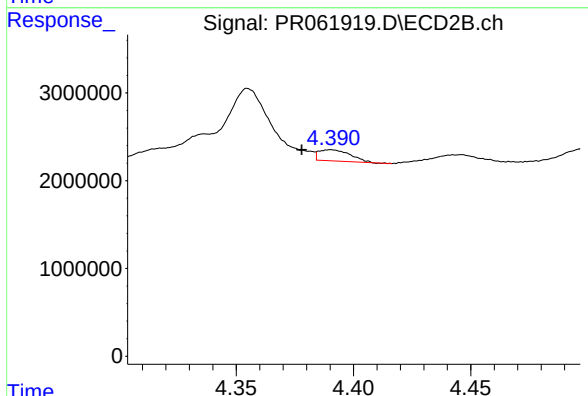
R.T.: 0.000 min
Exp R.T. : 4.286 min
Response: 0
Conc: N.D.



#19 AR-1242-4

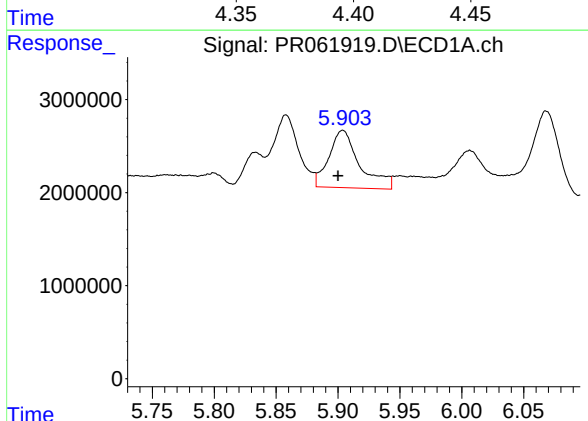
R.T.: 5.093 min
Delta R.T.: -0.016 min
Response: 26310585
Conc: 653.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



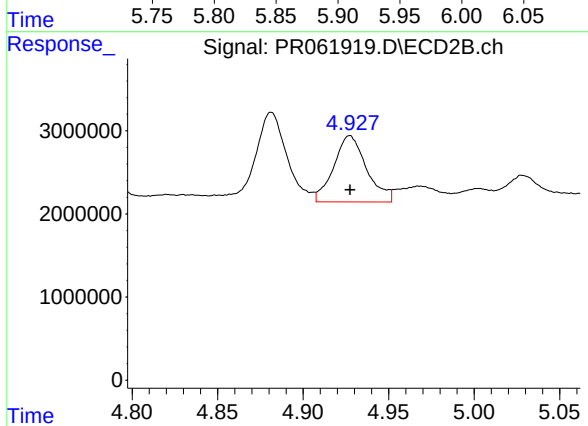
#19 AR-1242-4

R.T.: 4.390 min
Delta R.T.: 0.012 min
Response: 1187612
Conc: 20.01 ng/ml



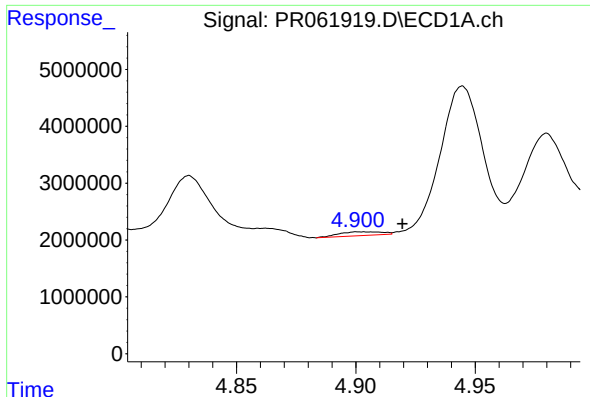
#20 AR-1242-5

R.T.: 5.904 min
Delta R.T.: 0.004 min
Response: 10682518
Conc: 271.04 ng/ml



#20 AR-1242-5

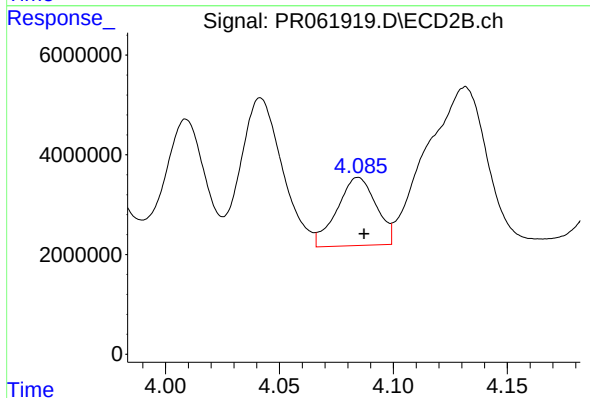
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 10695068
Conc: 136.03 ng/ml



#21 AR-1248-1

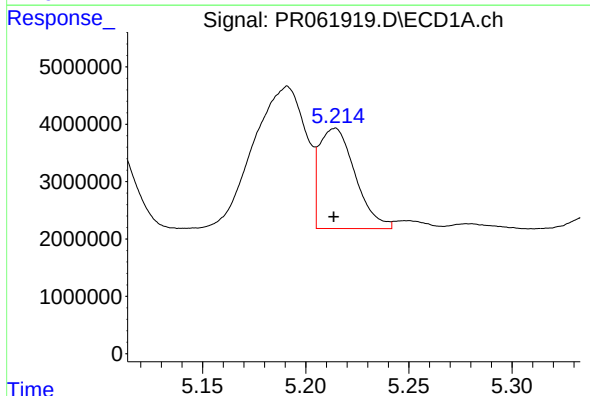
R.T.: 4.902 min
Delta R.T.: -0.018 min
Response: 822267
Conc: 19.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



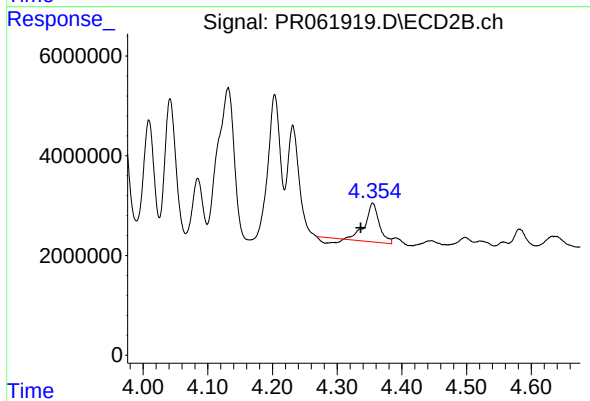
#21 AR-1248-1

R.T.: 4.085 min
Delta R.T.: -0.003 min
Response: 16325572
Conc: 266.76 ng/ml



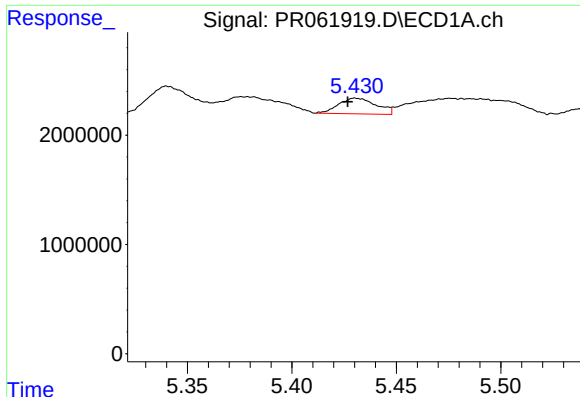
#22 AR-1248-2

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 21228805
Conc: 342.32 ng/ml



#22 AR-1248-2

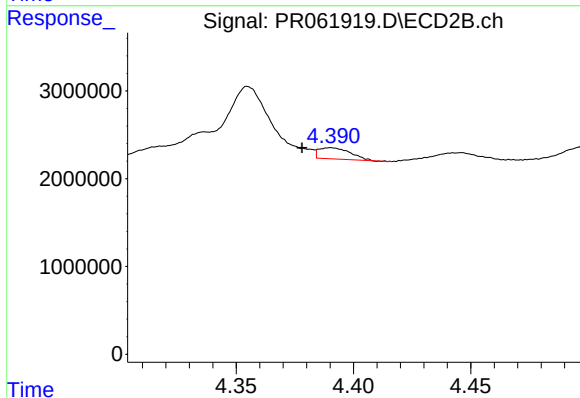
R.T.: 4.355 min
Delta R.T.: 0.019 min
Response: 10530144
Conc: 122.19 ng/ml



#23 AR-1248-3

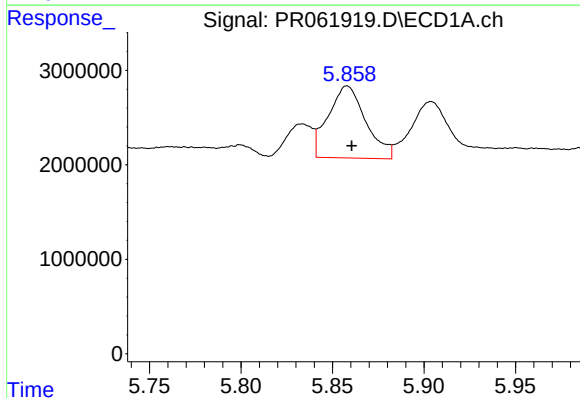
R.T.: 5.431 min
Delta R.T.: 0.004 min
Response: 1791121
Conc: 24.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



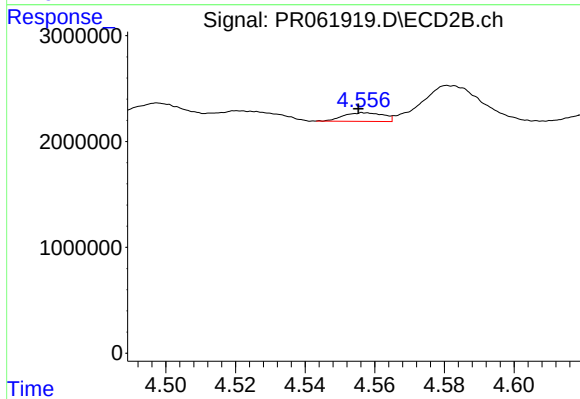
#23 AR-1248-3

R.T.: 4.390 min
Delta R.T.: 0.012 min
Response: 1187612
Conc: 13.35 ng/ml



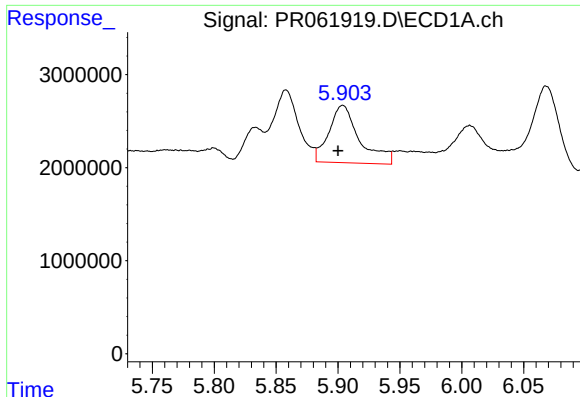
#24 AR-1248-4

R.T.: 5.858 min
Delta R.T.: -0.003 min
Response: 10903293
Conc: 149.20 ng/ml



#24 AR-1248-4

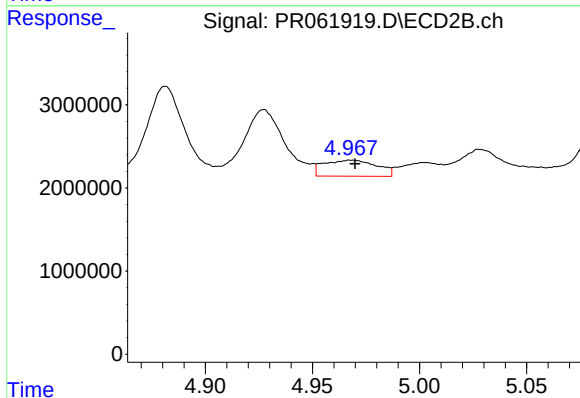
R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 642102
Conc: 5.95 ng/ml



#25 AR-1248-5

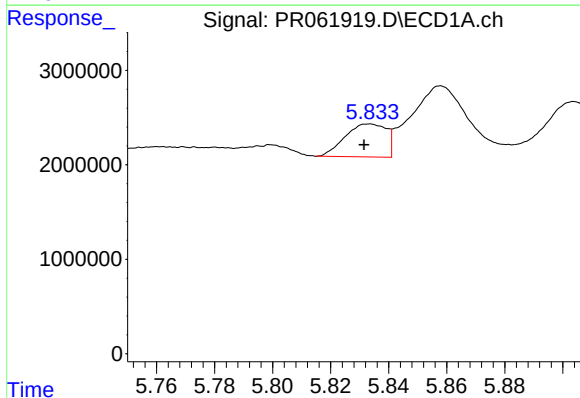
R.T.: 5.904 min
Delta R.T.: 0.004 min
Response: 10682518
Conc: 150.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



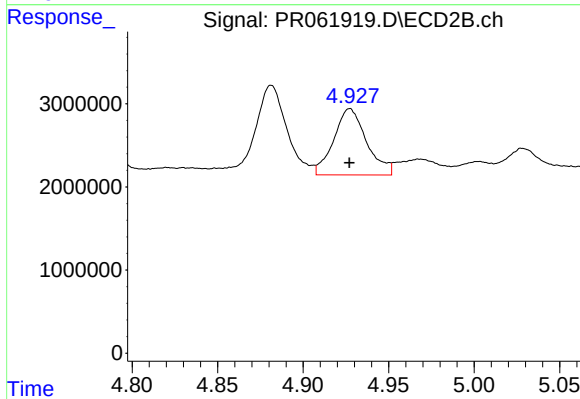
#25 AR-1248-5

R.T.: 4.968 min
Delta R.T.: -0.002 min
Response: 3334011
Conc: 31.17 ng/ml



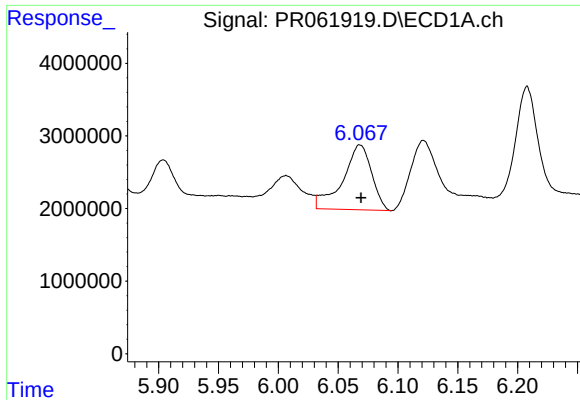
#26 AR-1254-1

R.T.: 5.833 min
Delta R.T.: 0.002 min
Response: 3428067
Conc: 42.97 ng/ml



#26 AR-1254-1

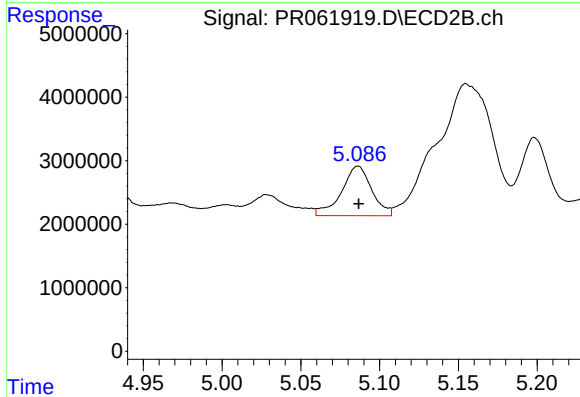
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 10695068
Conc: 67.04 ng/ml



#27 AR-1254-2

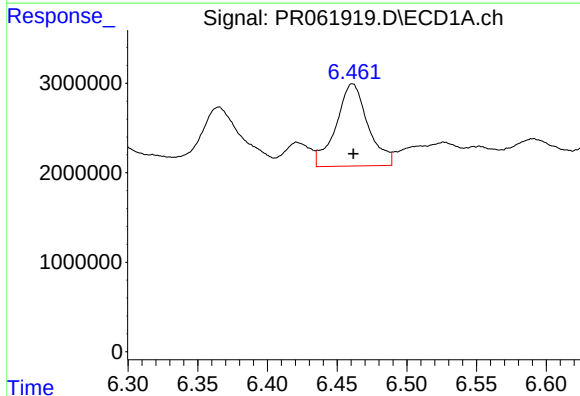
R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 15025698
Conc: 127.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



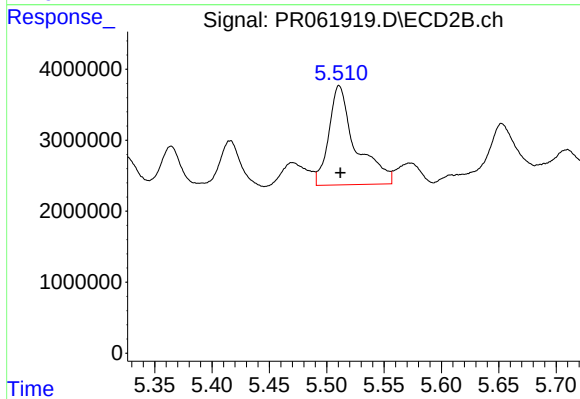
#27 AR-1254-2

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 10444704
Conc: 71.92 ng/ml



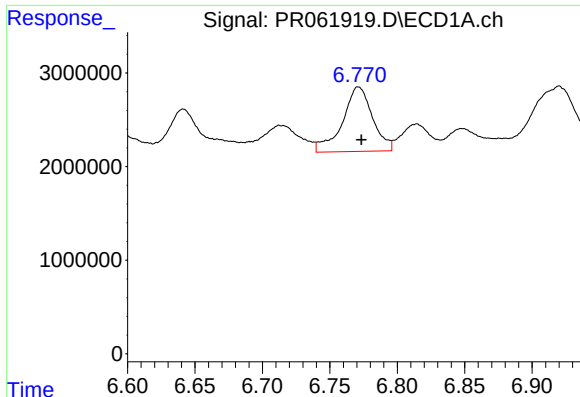
#28 AR-1254-3

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 14663727
Conc: 127.91 ng/ml



#28 AR-1254-3

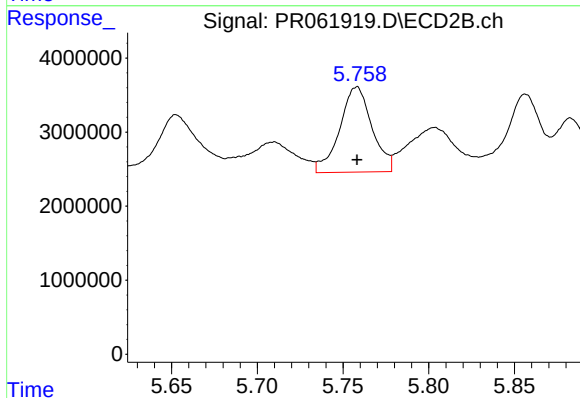
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 22838733
Conc: 96.54 ng/ml



#29 AR-1254-4

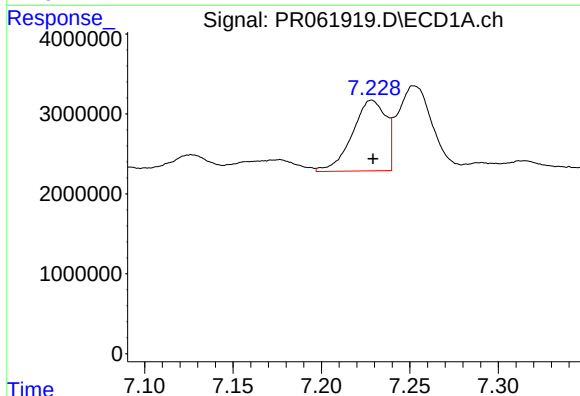
R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 10717229
Conc: 134.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



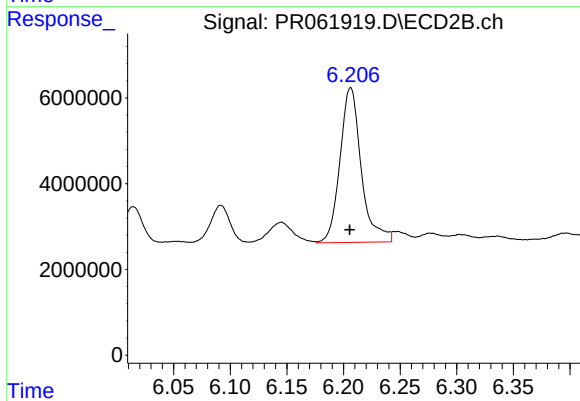
#29 AR-1254-4

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 15132744
Conc: 99.37 ng/ml



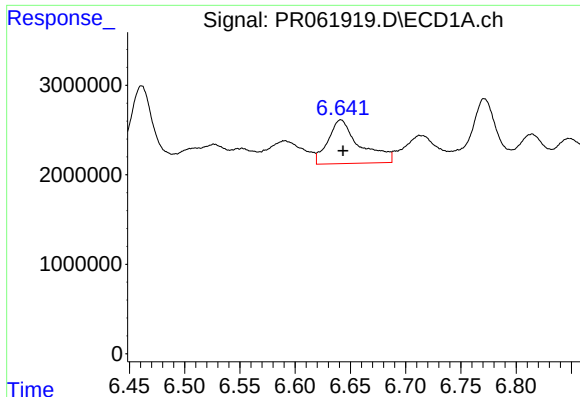
#30 AR-1254-5

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 11716023
Conc: 130.61 ng/ml



#30 AR-1254-5

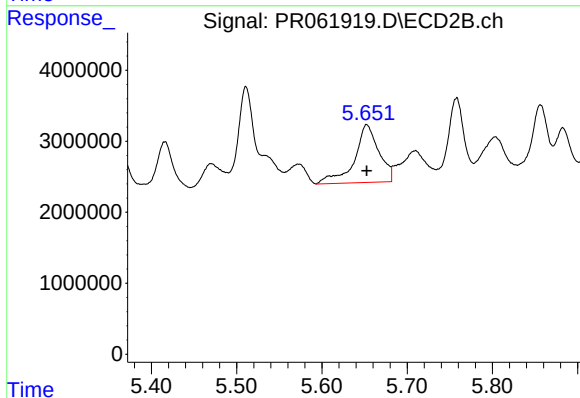
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 47276747
Conc: 192.83 ng/ml



#31 AR-1260-1

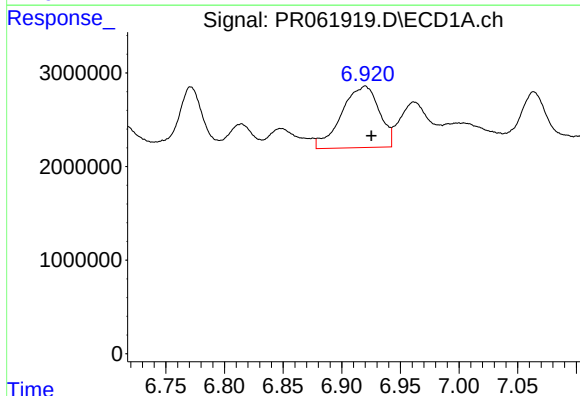
R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 9777702
Conc: 98.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



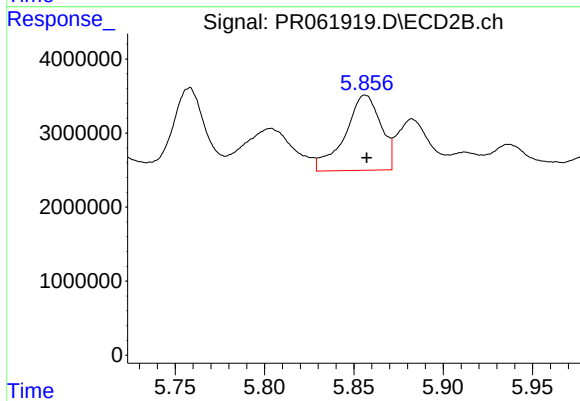
#31 AR-1260-1

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 16280405
Conc: 93.78 ng/ml



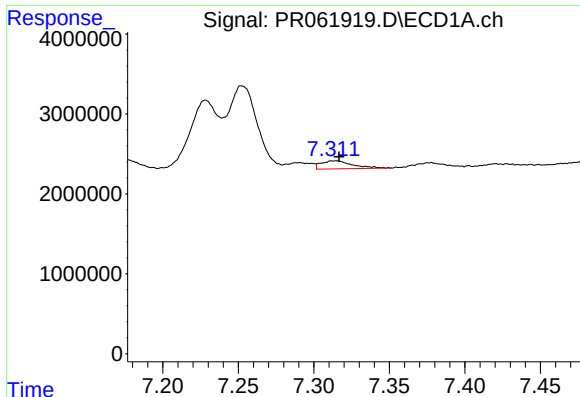
#32 AR-1260-2

R.T.: 6.920 min
Delta R.T.: -0.005 min
Response: 14681941
Conc: 133.22 ng/ml



#32 AR-1260-2

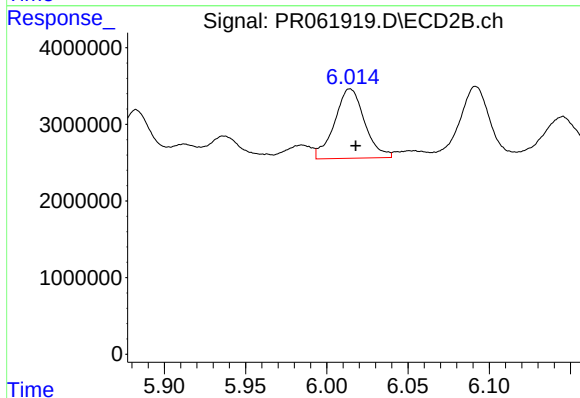
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 14193349
Conc: 64.52 ng/ml



#33 AR-1260-3

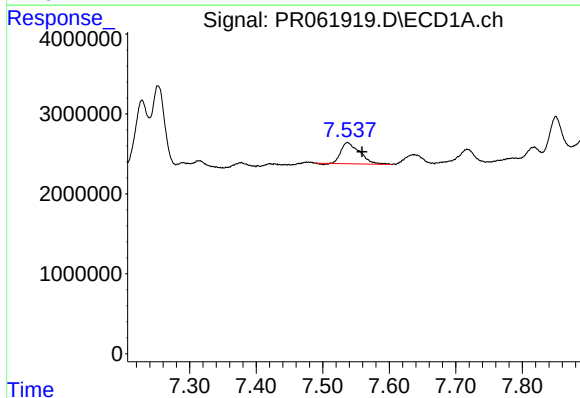
R.T.: 7.314 min
Delta R.T.: -0.002 min
Response: 1469778
Conc: 21.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



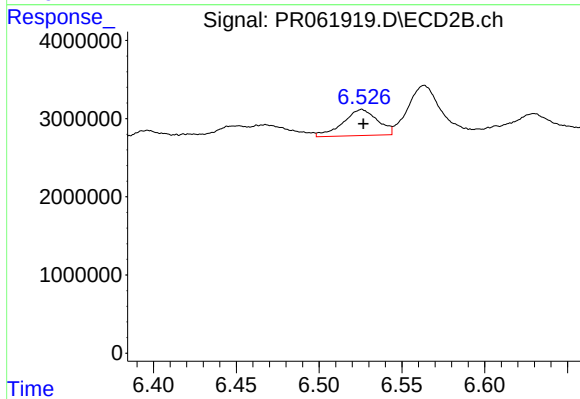
#33 AR-1260-3

R.T.: 6.014 min
Delta R.T.: -0.003 min
Response: 11648240
Conc: 55.68 ng/ml



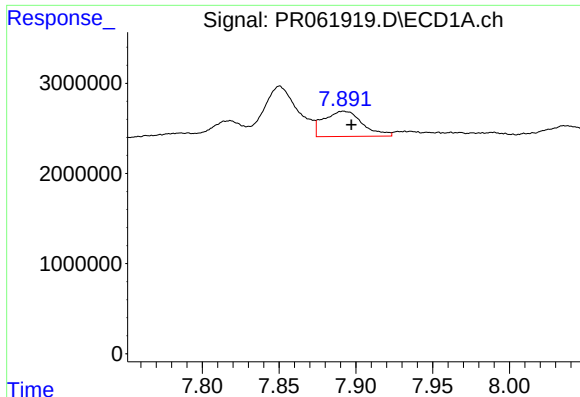
#34 AR-1260-4

R.T.: 7.537 min
Delta R.T.: -0.022 min
Response: 5186127
Conc: 63.32 ng/ml



#34 AR-1260-4

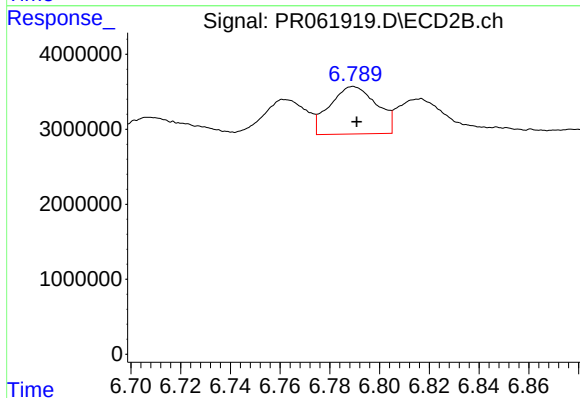
R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 4857667
Conc: 30.75 ng/ml



#35 AR-1260-5

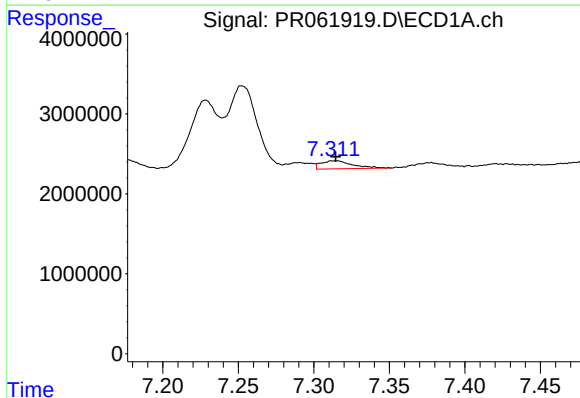
R.T.: 7.892 min
Delta R.T.: -0.005 min
Response: 4918206
Conc: 34.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



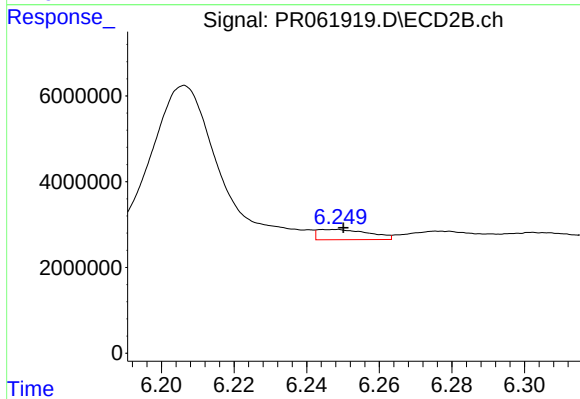
#35 AR-1260-5

R.T.: 6.789 min
Delta R.T.: -0.001 min
Response: 8315597
Conc: 22.39 ng/ml



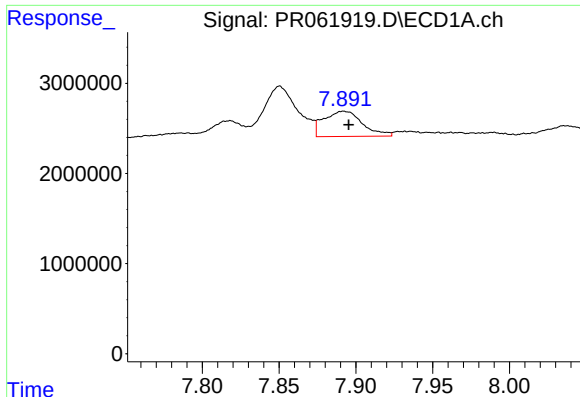
#36 AR-1262-1

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 1469778
Conc: 13.69 ng/ml



#36 AR-1262-1

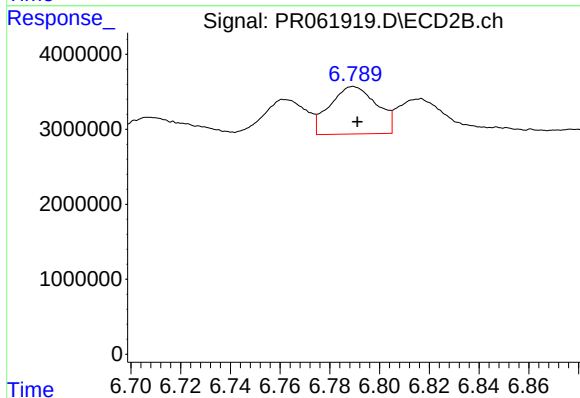
R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 2351285
Conc: 9.91 ng/ml



#37 AR-1262-2

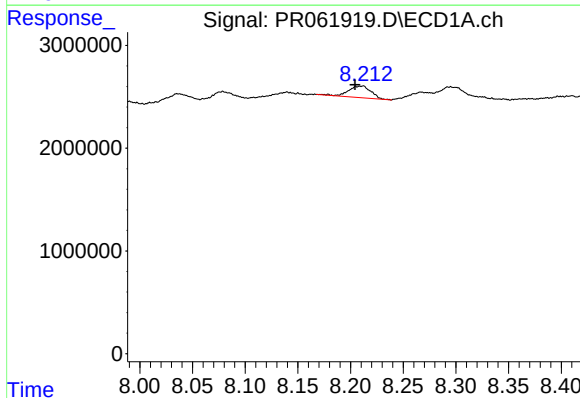
R.T.: 7.892 min
Delta R.T.: -0.003 min
Response: 4918206
Conc: 29.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



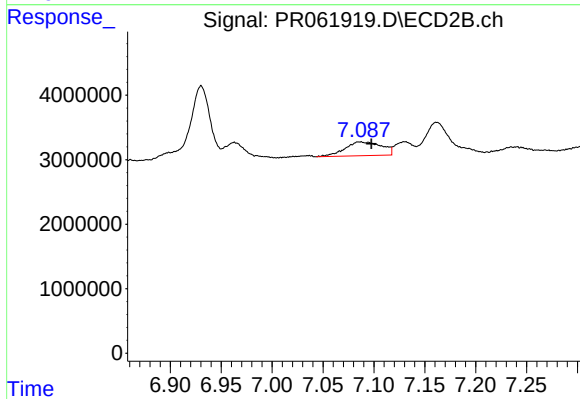
#37 AR-1262-2

R.T.: 6.789 min
Delta R.T.: -0.002 min
Response: 8315597
Conc: 18.97 ng/ml



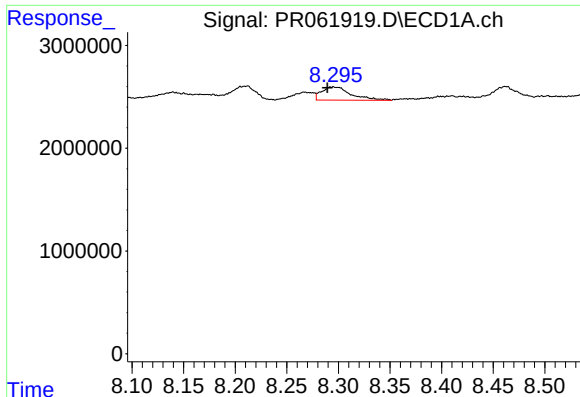
#38 AR-1262-3

R.T.: 8.211 min
Delta R.T.: 0.007 min
Response: 1684107
Conc: 14.74 ng/ml



#38 AR-1262-3

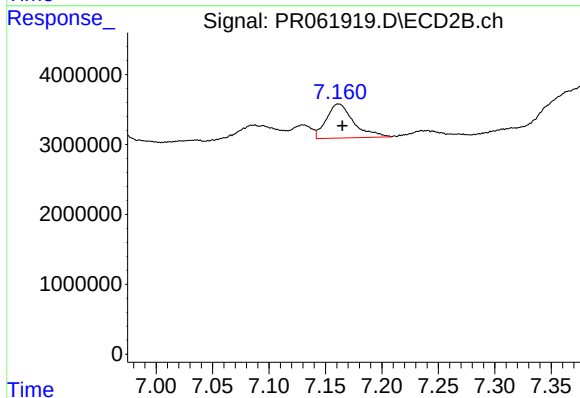
R.T.: 7.086 min
Delta R.T.: -0.011 min
Response: 5354246
Conc: 28.41 ng/ml



#39 AR-1262-4

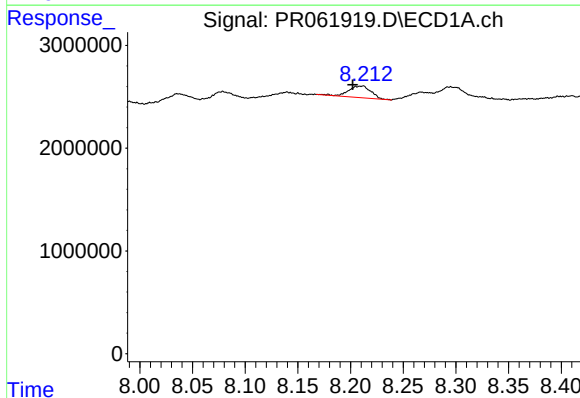
R.T.: 8.295 min
Delta R.T.: 0.005 min
Response: 2574811
Conc: 28.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



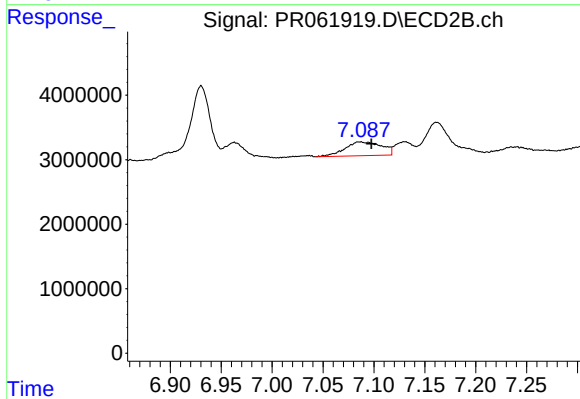
#39 AR-1262-4

R.T.: 7.162 min
Delta R.T.: -0.003 min
Response: 8246213
Conc: 24.52 ng/ml



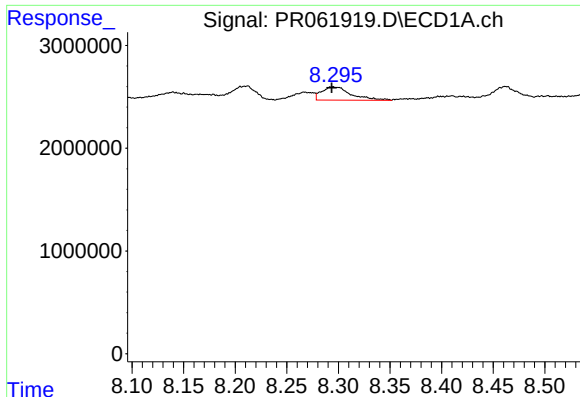
#41 AR-1268-1

R.T.: 8.211 min
Delta R.T.: 0.009 min
Response: 1684107
Conc: 8.52 ng/ml



#41 AR-1268-1

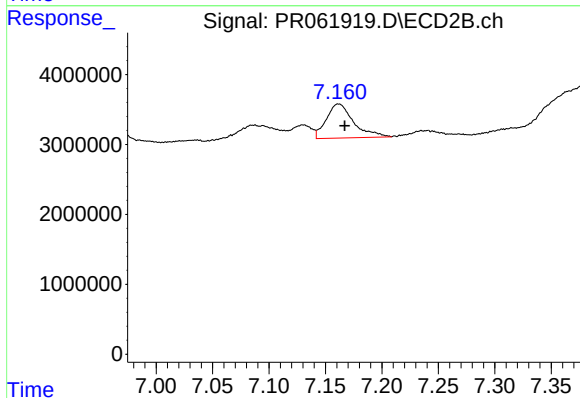
R.T.: 7.086 min
Delta R.T.: -0.011 min
Response: 5354246
Conc: 10.41 ng/ml



#42 AR-1268-2

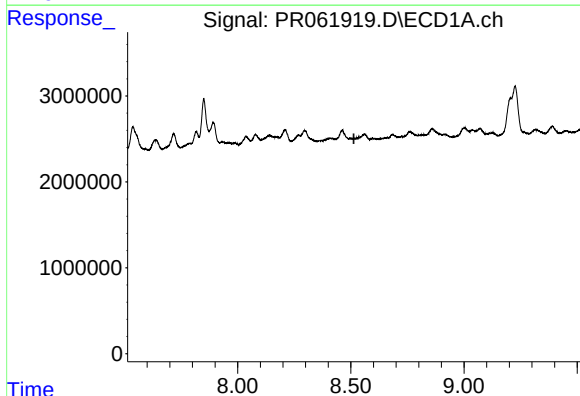
R.T.: 8.295 min
Delta R.T.: 0.000 min
Response: 2574811
Conc: 14.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



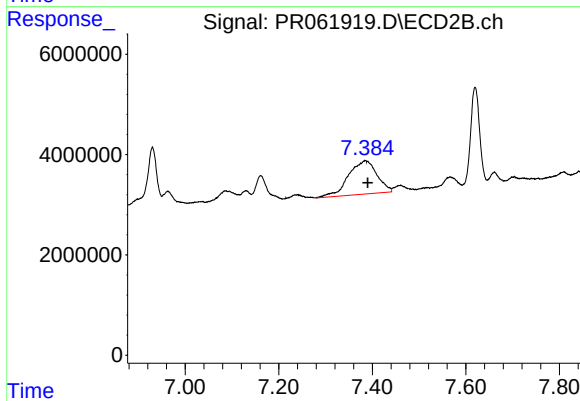
#42 AR-1268-2

R.T.: 7.162 min
Delta R.T.: -0.005 min
Response: 8246213
Conc: 17.33 ng/ml



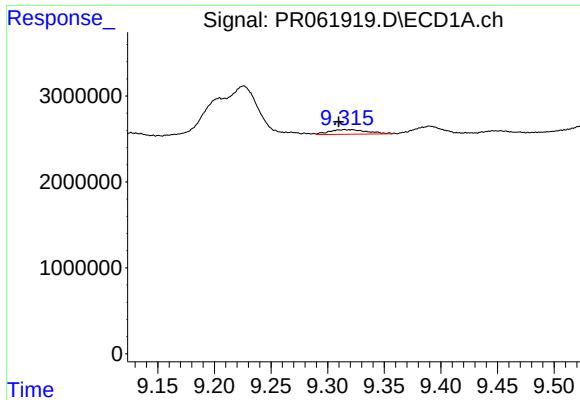
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.514 min
Response: 0
Conc: N.D.



#43 AR-1268-3

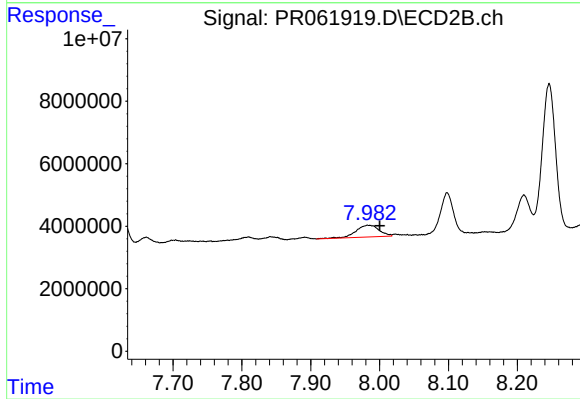
R.T.: 7.385 min
Delta R.T.: -0.006 min
Response: 28181417
Conc: 68.81 ng/ml



#45 AR-1268-5

R.T.: 9.315 min
Delta R.T.: 0.005 min
Response: 1229893
Conc: 2.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



#45 AR-1268-5

R.T.: 7.983 min
Delta R.T.: -0.017 min
Response: 8901015
Conc: 6.91 ng/ml