

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092118\
 Data File : P0049196.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Sep 2018 11:10
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 23:53:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 20 02:02:28 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.390	3.521	8380400	9185137	45.134	44.447
2)	SA Decachlor...	10.099	8.455	14457621	11845248	52.596	57.862
Target Compounds							
3)	L1 AR-1016-1	5.100	4.184	1613766	2624949	342.242	458.669 #
4)	L1 AR-1016-2	5.294	4.591	2312446	4097261	478.023	470.933
5)	L1 AR-1016-3	5.562	4.609	3567145	5565576	477.102	482.276
6)	L1 AR-1016-4	5.647	4.664	3225178	3983825	496.126	496.080
7)	L1 AR-1016-5	6.039	5.034	2691627	3470702	500.190	501.399
8)	L2 AR-1221-1	0.000	3.732	0	326473	N.D.	134.362 #
9)	L2 AR-1221-2	0.000	3.817	0	492299	N.D.	273.404 #
10)	L2 AR-1221-3	4.764	3.891	1552485	1816162	307.826	325.112
11)	L3 AR-1232-1	5.562	4.372	3567145	2827333	9136.690	1207.693 #
12)	L3 AR-1232-2	5.745	4.487	2700561	946058	1341.788	1104.200
13)	L3 AR-1232-3	5.880	4.865	1477097	3071279	2766.154	1412.376 #
14)	L3 AR-1232-4	0.000	5.181	0	3084196	N.D.	1300.005 #
15)	L3 AR-1232-5	7.165	0.000	6023196	0	18606.253	N.D. #
16)	L4 AR-1242-1	5.100	4.204	1613766	1480616	797.401	567.500 #
17)	L4 AR-1242-2	5.880	4.783	1477097	3267616	397.924	605.133 #
18)	L4 AR-1242-3	6.039	4.896	2691627	1067864	1511.759	595.402 #
19)	L4 AR-1242-4	6.181	5.251	2945714	949214	2157.254	598.072 #
20)	L4 AR-1242-5	6.181	5.618	2945714	121083	620.254	29.023 #
21)	L5 AR-1248-1	5.836	4.824	2066132	2453376	341.790	351.699
22)	L5 AR-1248-2	6.416	5.382	1802112	3638115	280.572	279.945
23)	L5 AR-1248-3	6.416	5.422	1802112	938058	214.076	101.394 #
24)	L5 AR-1248-4	0.000	5.594	0	106665	N.D.	13.142 #
25)	L5 AR-1248-5	6.634	5.942	2314903	5384993	445.519	878.309 #
26)	L6 AR-1254-1	6.634	5.527	2314903	2643592	156.435	215.464 #
27)	L6 AR-1254-2	0.000	5.838	0	584654	N.D.	54.633 #
28)	L6 AR-1254-3	7.059	6.153	3910255	589088	239.324	42.824 #
29)	L6 AR-1254-4	0.000	6.473	0	1002491	N.D.	97.897 #
30)	L6 AR-1254-5	7.551	6.567	2675237	10459883	289.391	539.449 #
31)	L7 AR-1260-1	7.165	6.056	6023196	7508348	538.479	522.181
32)	L7 AR-1260-2	7.422	6.242	7265843	9312975	541.514	525.297
33)	L7 AR-1260-3	7.705	6.394	9389900	8717582	610.272	529.610
34)	L7 AR-1260-4	8.006	6.862	6106739	7085966	558.053	531.818
35)	L7 AR-1260-5	8.323	7.102	13345812	17136691	556.718	547.066
36)	L8 AR-1262-1	7.059	5.942	3910255	5384993	598.720	754.440 #
37)	L8 AR-1262-2	7.838	6.658	2875777	4028235	535.051	549.037
38)	L8 AR-1262-3	8.086	6.959	2967323	4062040	516.391	522.866
39)	L8 AR-1262-4	8.700	7.384	5661454	3879933	412.546	318.478
40)	L8 AR-1262-5	9.366	7.938	4091269	4298243	392.739	422.507
41)	L9 AR-1268-1	7.780	6.605	5605528	7816055	970.853	1067.519

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 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

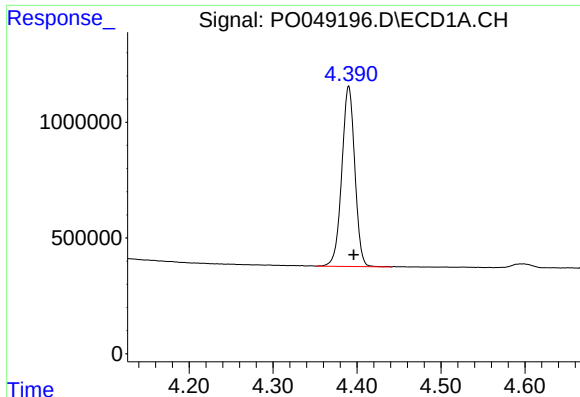
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 23:53:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091918.M
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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
42) L9	AR-1268-2	8.006	7.447	6106739	12145461	800.302	365.814 #
43) L9	AR-1268-3	8.646	7.654	8714355	338848	257.221	12.369 #
44) L9	AR-1268-4	0.000	7.743	0	275126	N.D.	35.397 #
45) L9	AR-1268-5	0.000	8.214	0	1208888	N.D.	16.306 #

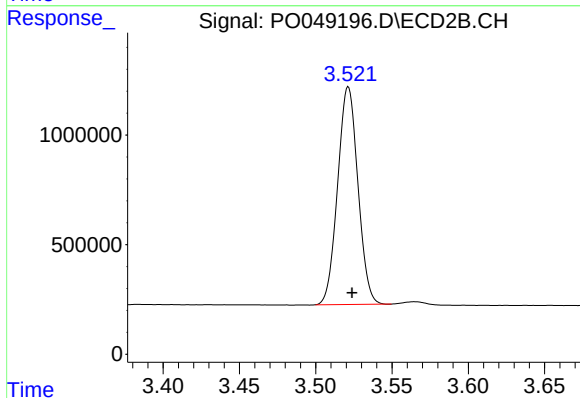
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

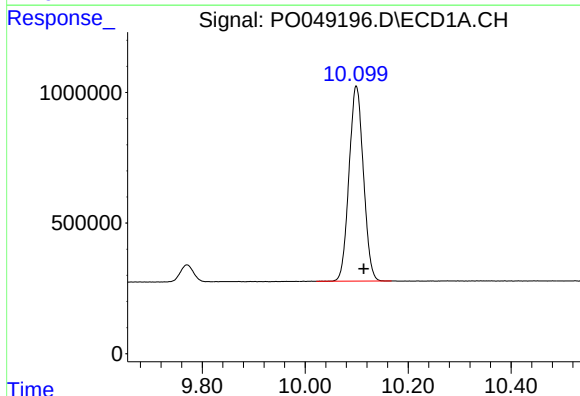
R.T.: 4.390 min
Delta R.T.: -0.006 min
Response: 8380400
Conc: 45.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



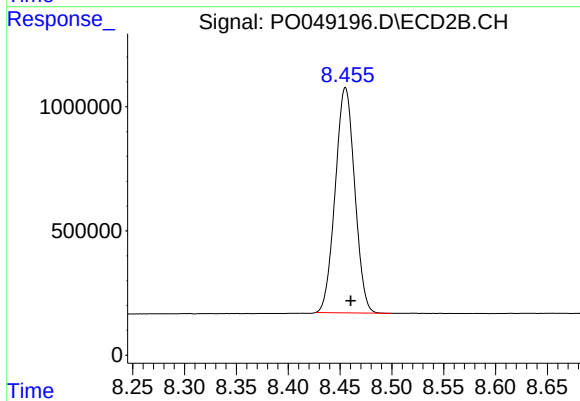
#1 Tetrachloro-m-xylene

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 9185137
Conc: 44.45 ng/ml



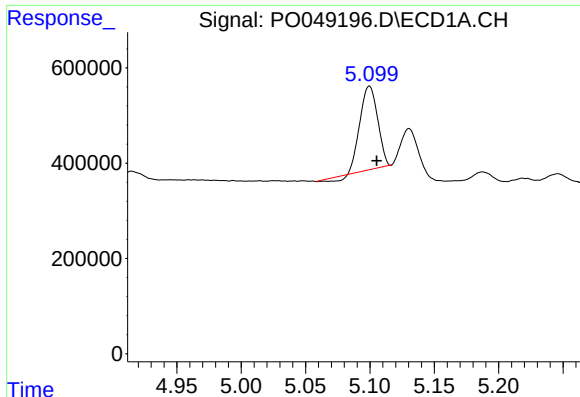
#2 Decachlorobiphenyl

R.T.: 10.099 min
Delta R.T.: -0.014 min
Response: 14457621
Conc: 52.60 ng/ml



#2 Decachlorobiphenyl

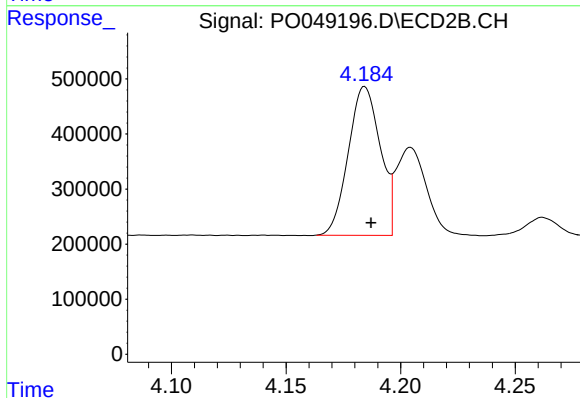
R.T.: 8.455 min
Delta R.T.: -0.005 min
Response: 11845248
Conc: 57.86 ng/ml



#3 AR-1016-1

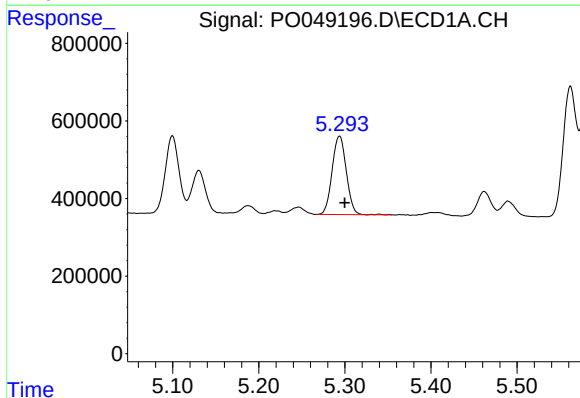
R.T.: 5.100 min
Delta R.T.: -0.006 min
Response: 1613766
Conc: 342.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



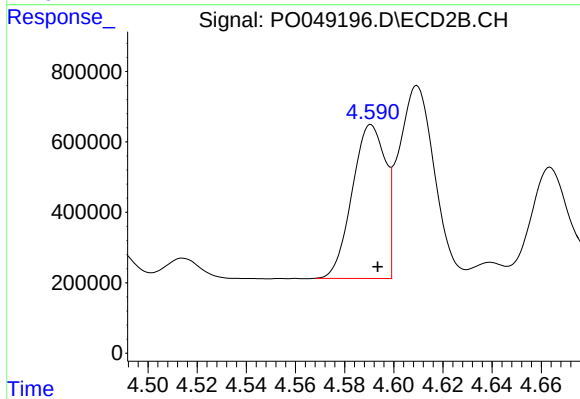
#3 AR-1016-1

R.T.: 4.184 min
Delta R.T.: -0.003 min
Response: 2624949
Conc: 458.67 ng/ml



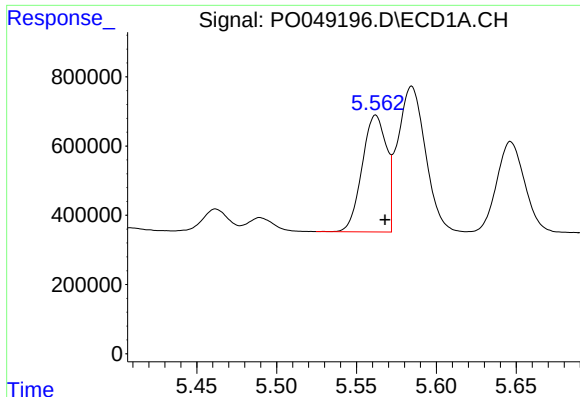
#4 AR-1016-2

R.T.: 5.294 min
Delta R.T.: -0.006 min
Response: 2312446
Conc: 478.02 ng/ml



#4 AR-1016-2

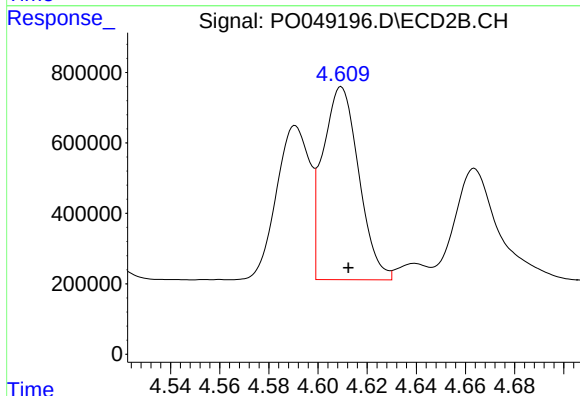
R.T.: 4.591 min
Delta R.T.: -0.003 min
Response: 4097261
Conc: 470.93 ng/ml



#5 AR-1016-3

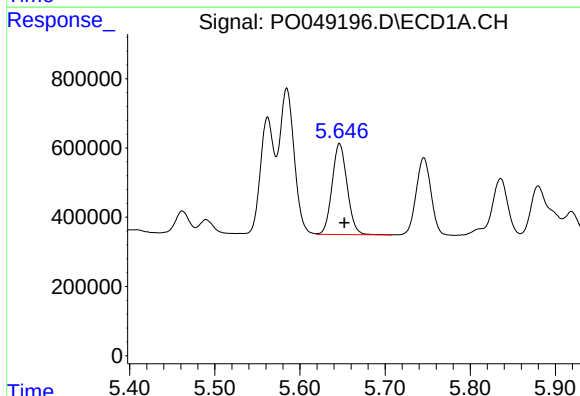
R.T.: 5.562 min
Delta R.T.: -0.006 min
Response: 3567145
Conc: 477.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



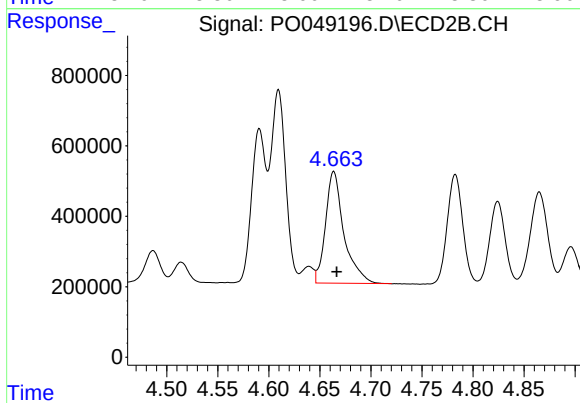
#5 AR-1016-3

R.T.: 4.609 min
Delta R.T.: -0.003 min
Response: 5565576
Conc: 482.28 ng/ml



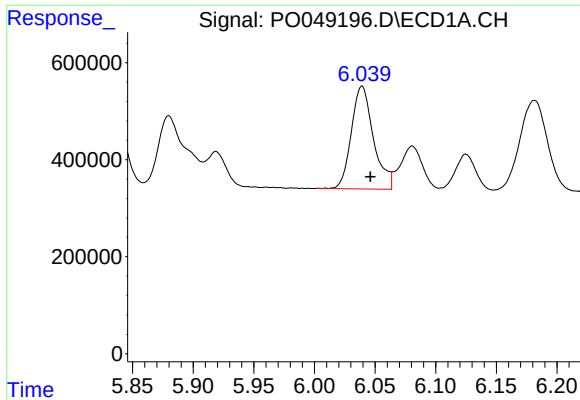
#6 AR-1016-4

R.T.: 5.647 min
Delta R.T.: -0.006 min
Response: 3225178
Conc: 496.13 ng/ml



#6 AR-1016-4

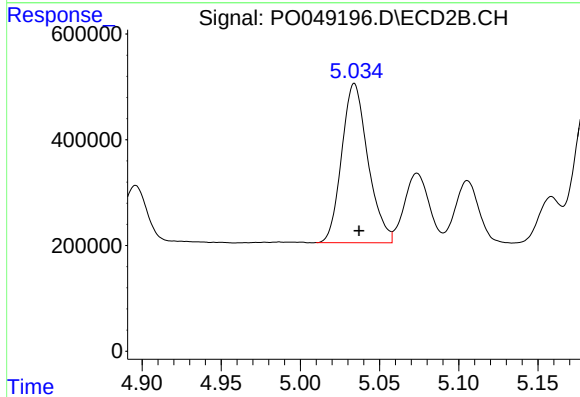
R.T.: 4.664 min
Delta R.T.: -0.003 min
Response: 3983825
Conc: 496.08 ng/ml



#7 AR-1016-5

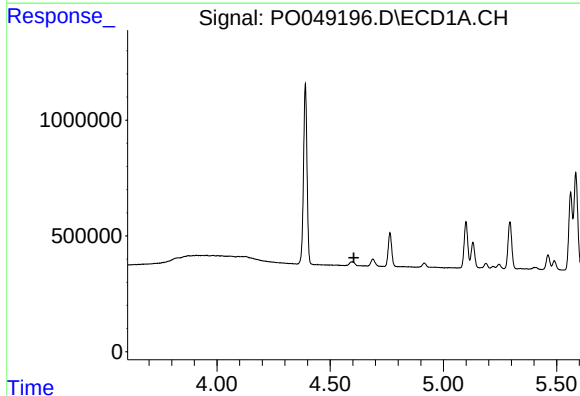
R.T.: 6.039 min
Delta R.T.: -0.007 min
Response: 2691627
Conc: 500.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



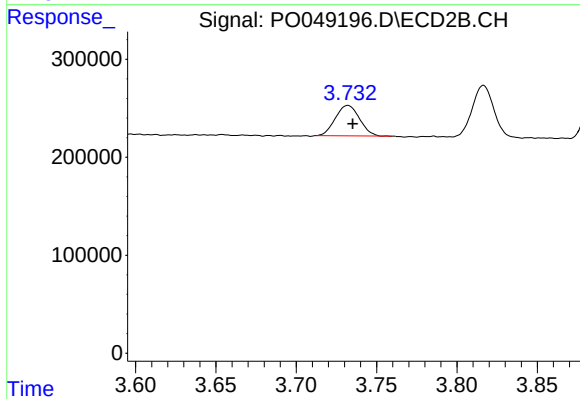
#7 AR-1016-5

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 3470702
Conc: 501.40 ng/ml



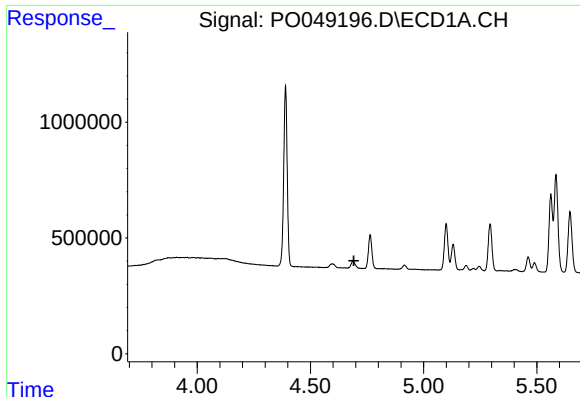
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.605 min
Response: 0
Conc: N.D.



#8 AR-1221-1

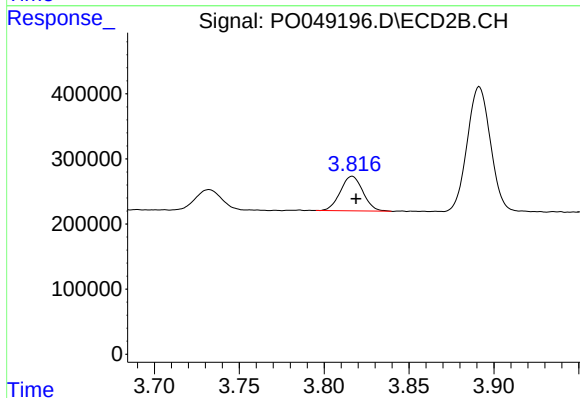
R.T.: 3.732 min
Delta R.T.: -0.003 min
Response: 326473
Conc: 134.36 ng/ml



#9 AR-1221-2

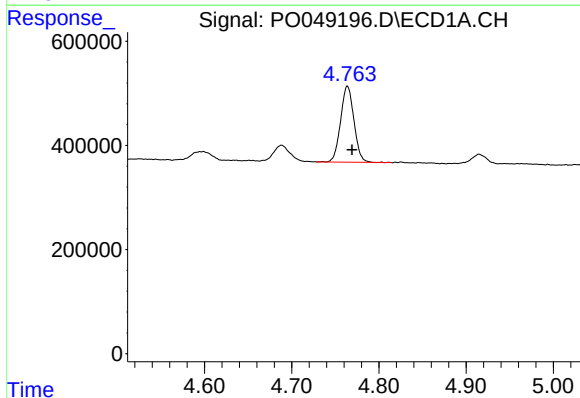
R.T.: 0.000 min
Exp R.T.: 4.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



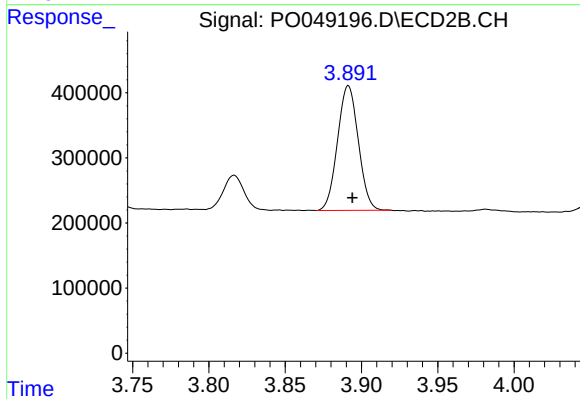
#9 AR-1221-2

R.T.: 3.817 min
Delta R.T.: -0.002 min
Response: 492299
Conc: 273.40 ng/ml



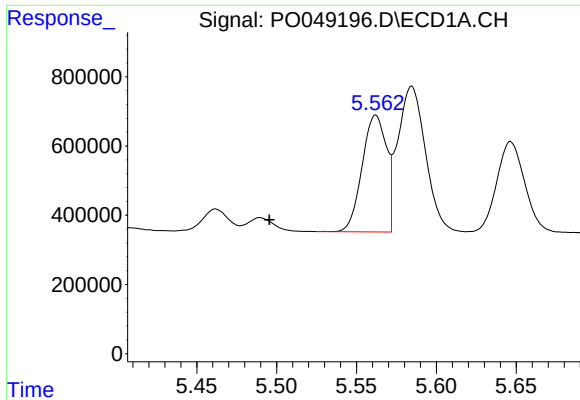
#10 AR-1221-3

R.T.: 4.764 min
Delta R.T.: -0.005 min
Response: 1552485
Conc: 307.83 ng/ml



#10 AR-1221-3

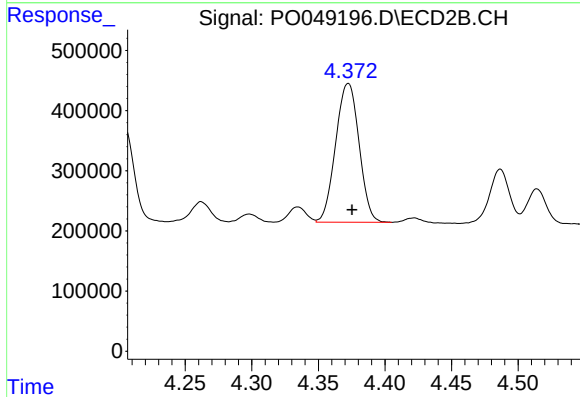
R.T.: 3.891 min
Delta R.T.: -0.003 min
Response: 1816162
Conc: 325.11 ng/ml



#11 AR-1232-1

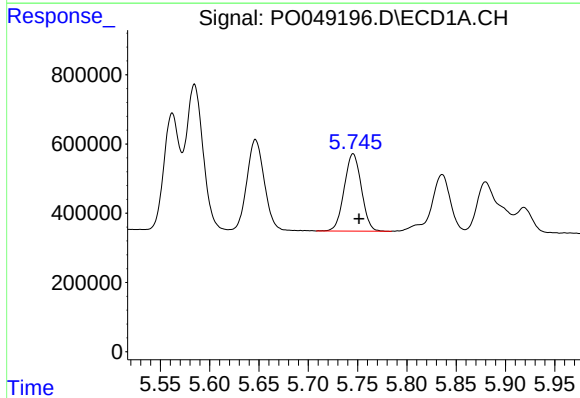
R.T.: 5.562 min
Delta R.T.: 0.067 min
Response: 3567145
Conc: 9136.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



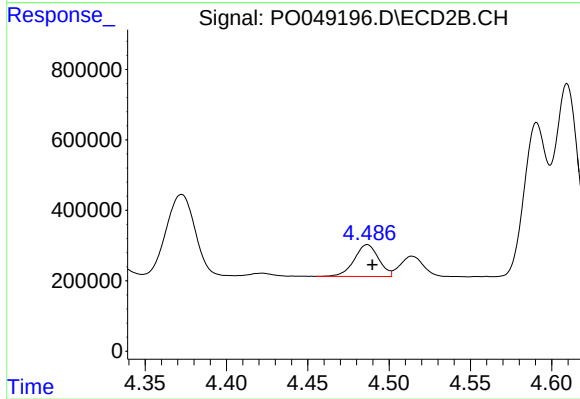
#11 AR-1232-1

R.T.: 4.372 min
Delta R.T.: -0.003 min
Response: 2827333
Conc: 1207.69 ng/ml



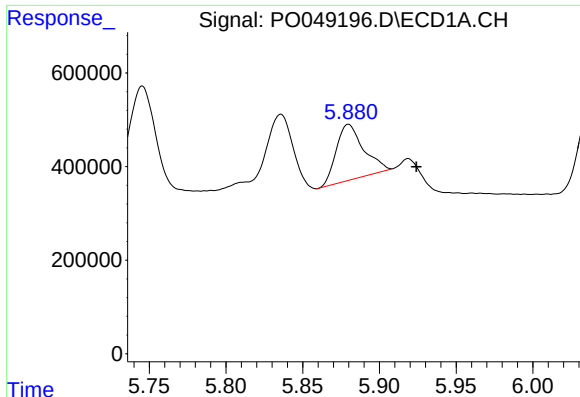
#12 AR-1232-2

R.T.: 5.745 min
Delta R.T.: -0.006 min
Response: 2700561
Conc: 1341.79 ng/ml



#12 AR-1232-2

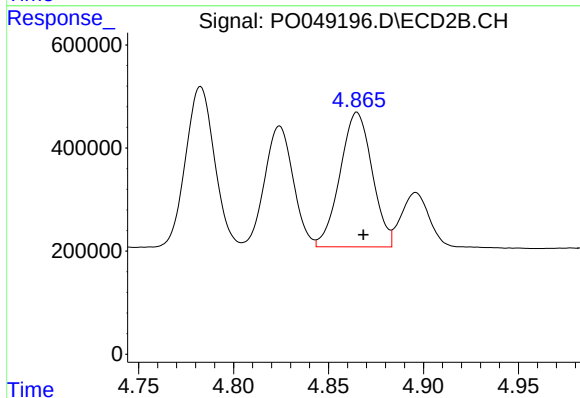
R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 946058
Conc: 1104.20 ng/ml



#13 AR-1232-3

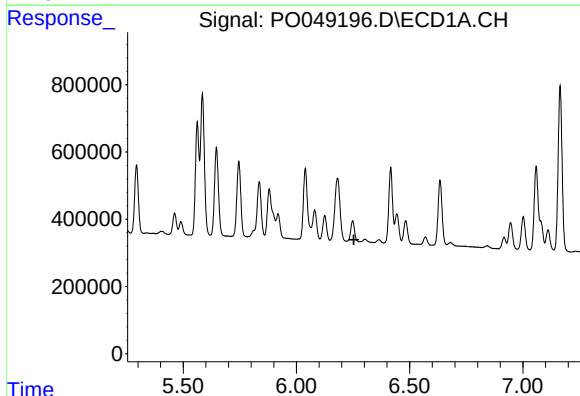
R.T.: 5.880 min
Delta R.T.: -0.044 min
Response: 1477097
Conc: 2766.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



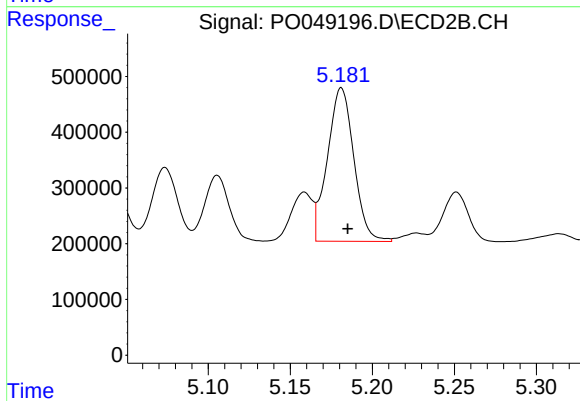
#13 AR-1232-3

R.T.: 4.865 min
Delta R.T.: -0.003 min
Response: 3071279
Conc: 1412.38 ng/ml



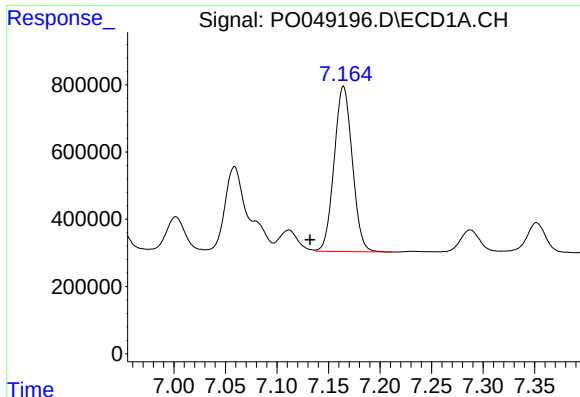
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.254 min
Response: 0
Conc: N.D.



#14 AR-1232-4

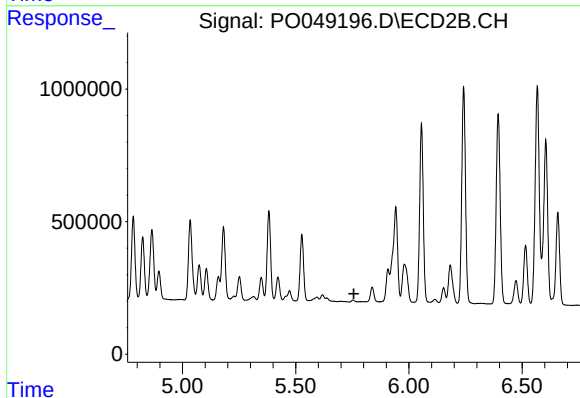
R.T.: 5.181 min
Delta R.T.: -0.004 min
Response: 3084196
Conc: 1300.00 ng/ml



#15 AR-1232-5

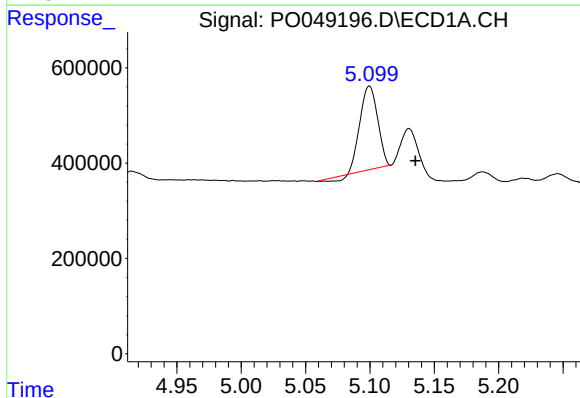
R.T.: 7.165 min
Delta R.T.: 0.032 min
Response: 6023196
Conc: 18606.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



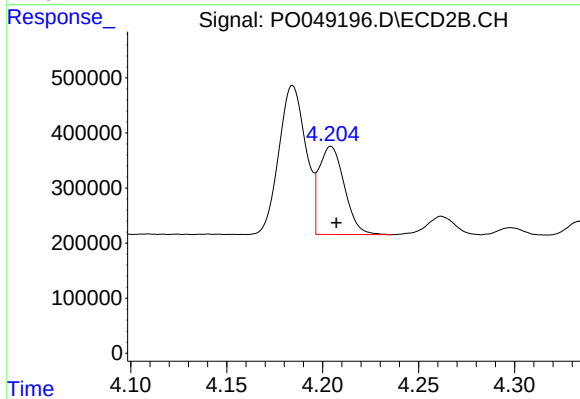
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



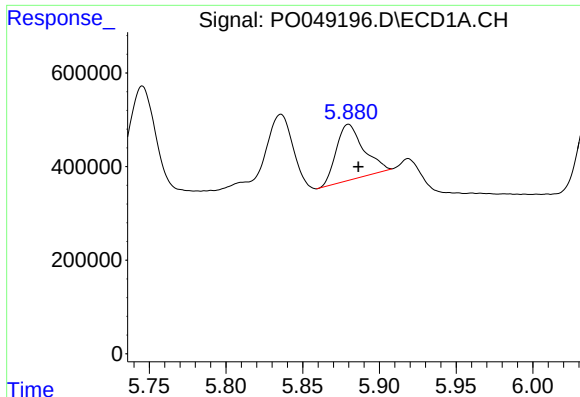
#16 AR-1242-1

R.T.: 5.100 min
Delta R.T.: -0.036 min
Response: 1613766
Conc: 797.40 ng/ml



#16 AR-1242-1

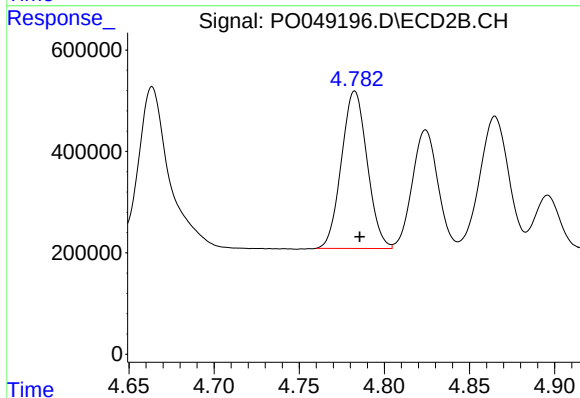
R.T.: 4.204 min
Delta R.T.: -0.003 min
Response: 1480616
Conc: 567.50 ng/ml



#17 AR-1242-2

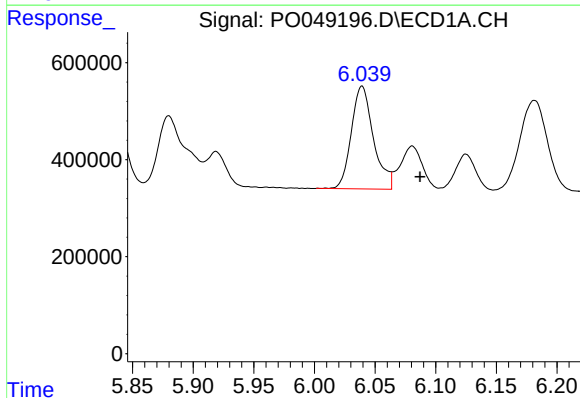
R.T.: 5.880 min
Delta R.T.: -0.006 min
Response: 1477097
Conc: 397.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



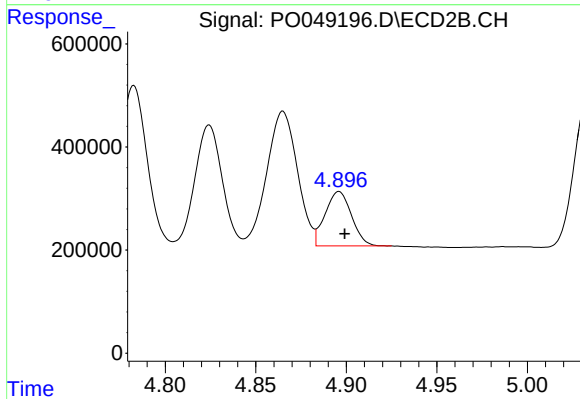
#17 AR-1242-2

R.T.: 4.783 min
Delta R.T.: -0.003 min
Response: 3267616
Conc: 605.13 ng/ml



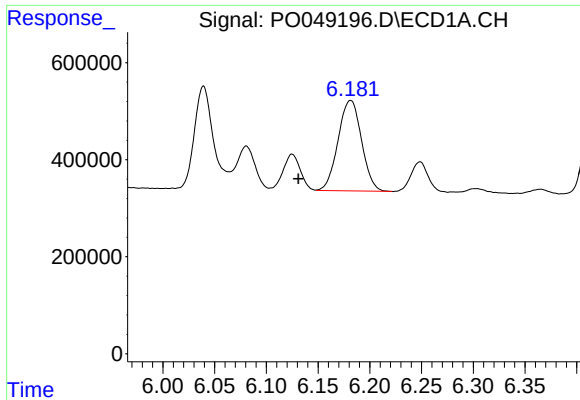
#18 AR-1242-3

R.T.: 6.039 min
Delta R.T.: -0.048 min
Response: 2691627
Conc: 1511.76 ng/ml



#18 AR-1242-3

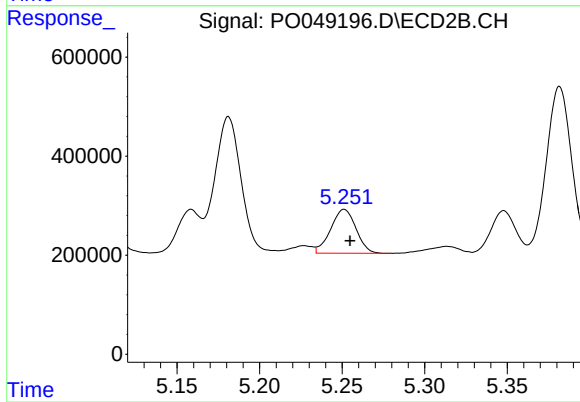
R.T.: 4.896 min
Delta R.T.: -0.003 min
Response: 1067864
Conc: 595.40 ng/ml



#19 AR-1242-4

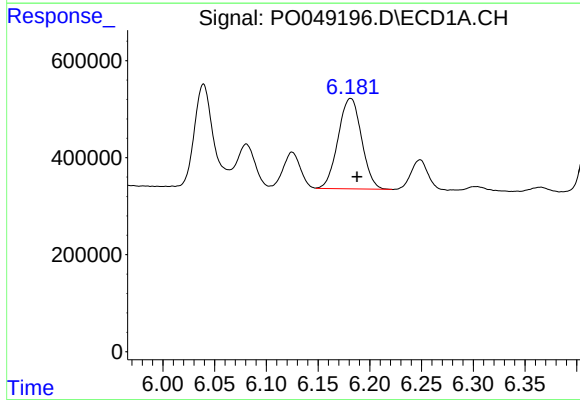
R.T.: 6.181 min
Delta R.T.: 0.050 min
Response: 2945714
Conc: 2157.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



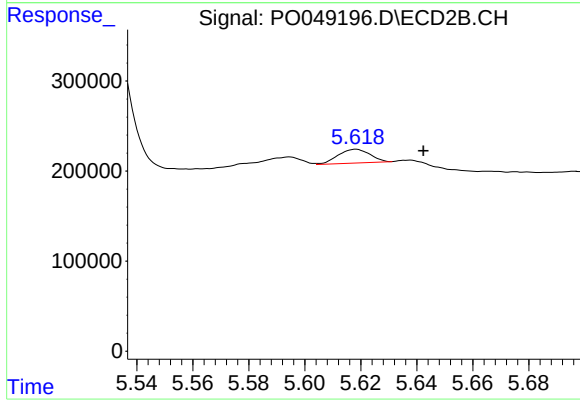
#19 AR-1242-4

R.T.: 5.251 min
Delta R.T.: -0.004 min
Response: 949214
Conc: 598.07 ng/ml



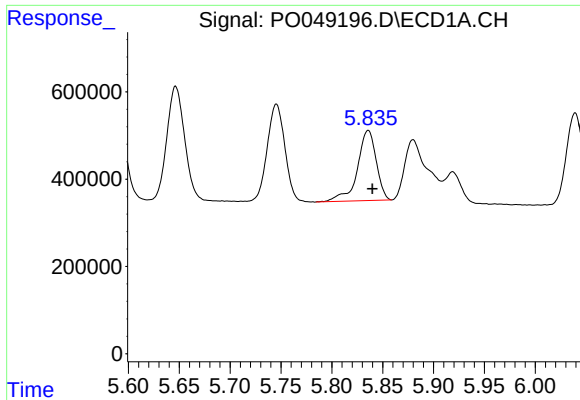
#20 AR-1242-5

R.T.: 6.181 min
Delta R.T.: -0.006 min
Response: 2945714
Conc: 620.25 ng/ml



#20 AR-1242-5

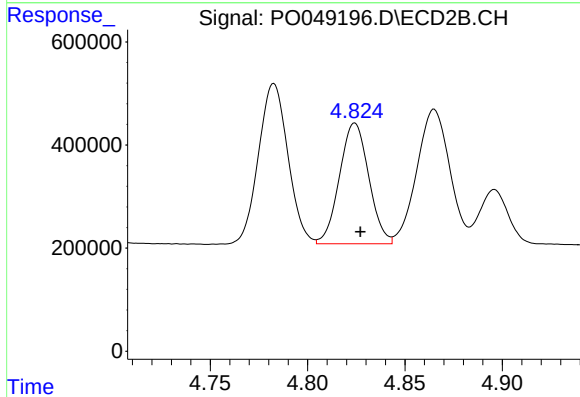
R.T.: 5.618 min
Delta R.T.: -0.024 min
Response: 121083
Conc: 29.02 ng/ml



#21 AR-1248-1

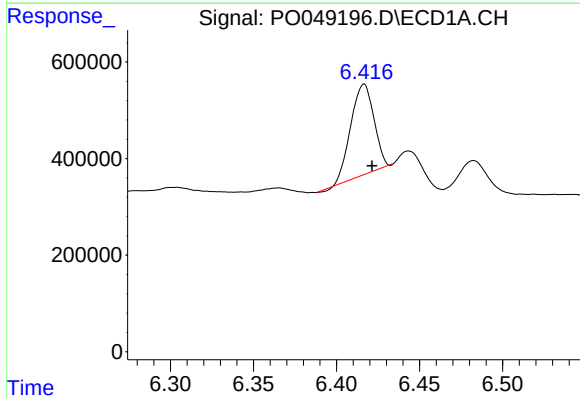
R.T.: 5.836 min
Delta R.T.: -0.004 min
Response: 2066132
Conc: 341.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



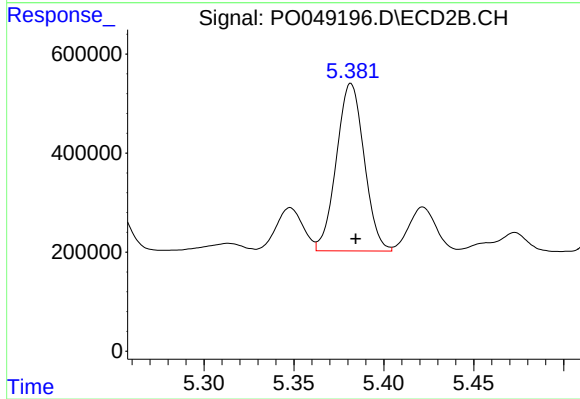
#21 AR-1248-1

R.T.: 4.824 min
Delta R.T.: -0.003 min
Response: 2453376
Conc: 351.70 ng/ml



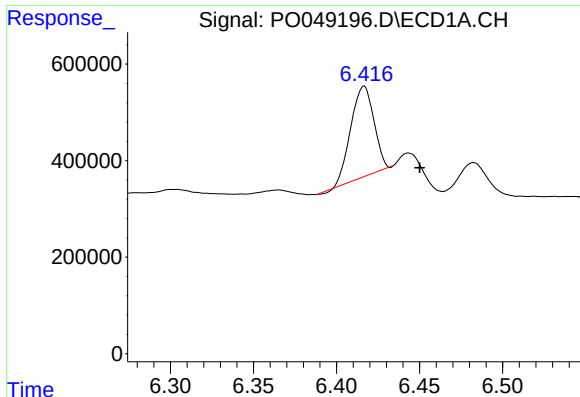
#22 AR-1248-2

R.T.: 6.416 min
Delta R.T.: -0.005 min
Response: 1802112
Conc: 280.57 ng/ml



#22 AR-1248-2

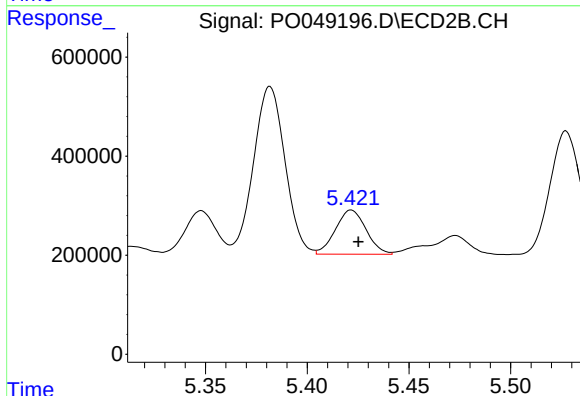
R.T.: 5.382 min
Delta R.T.: -0.003 min
Response: 3638115
Conc: 279.95 ng/ml



#23 AR-1248-3

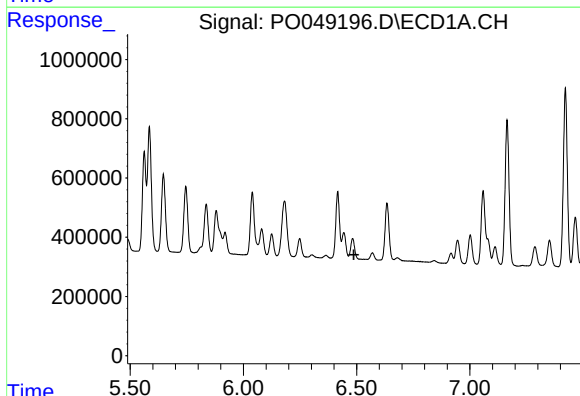
R.T.: 6.416 min
Delta R.T.: -0.034 min
Response: 1802112
Conc: 214.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



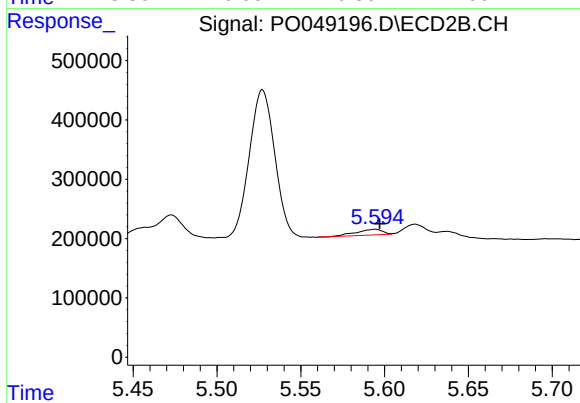
#23 AR-1248-3

R.T.: 5.422 min
Delta R.T.: -0.003 min
Response: 938058
Conc: 101.39 ng/ml



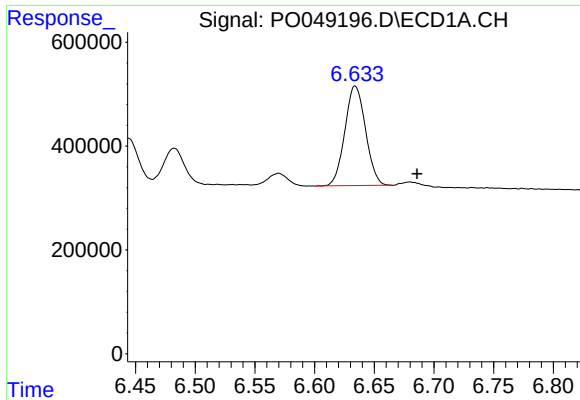
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.488 min
Response: 0
Conc: N.D.



#24 AR-1248-4

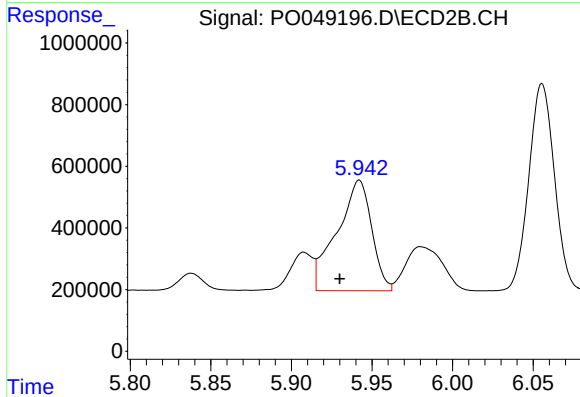
R.T.: 5.594 min
Delta R.T.: -0.003 min
Response: 106665
Conc: 13.14 ng/ml



#25 AR-1248-5

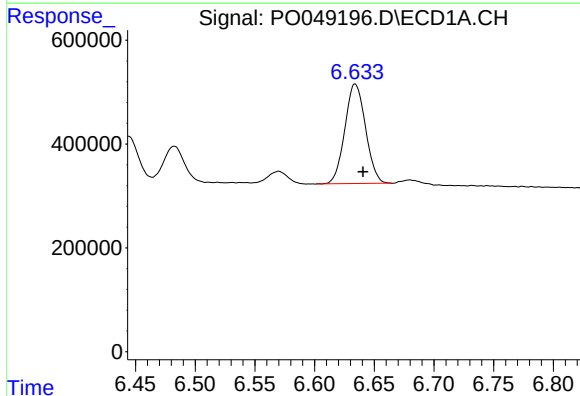
R.T.: 6.634 min
Delta R.T.: -0.052 min
Response: 2314903
Conc: 445.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



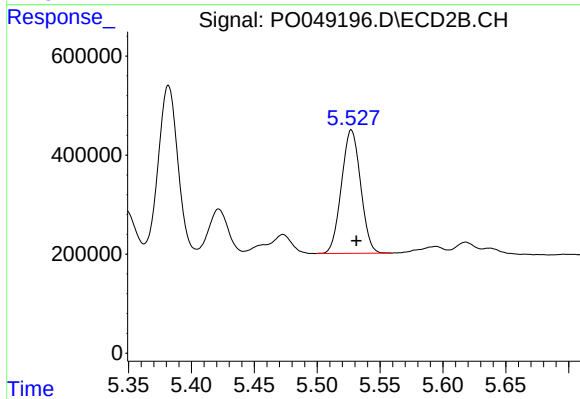
#25 AR-1248-5

R.T.: 5.942 min
Delta R.T.: 0.012 min
Response: 5384993
Conc: 878.31 ng/ml



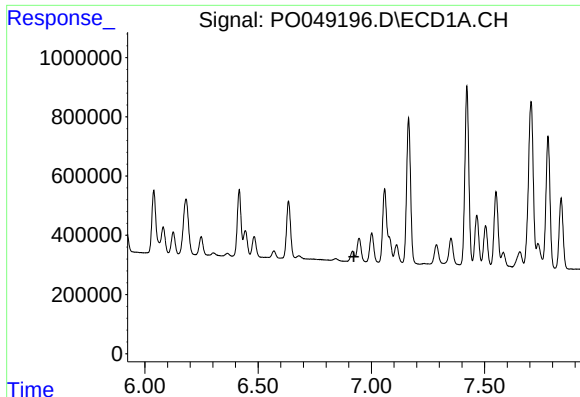
#26 AR-1254-1

R.T.: 6.634 min
Delta R.T.: -0.006 min
Response: 2314903
Conc: 156.43 ng/ml



#26 AR-1254-1

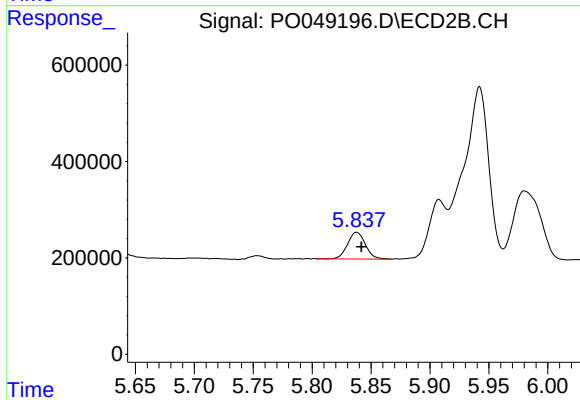
R.T.: 5.527 min
Delta R.T.: -0.004 min
Response: 2643592
Conc: 215.46 ng/ml



#27 AR-1254-2

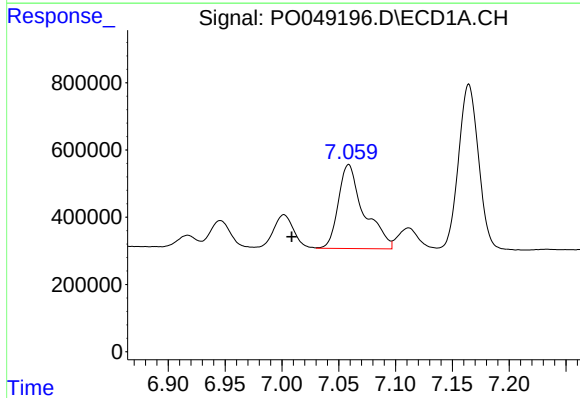
R.T.: 0.000 min
Exp R.T.: 6.923 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



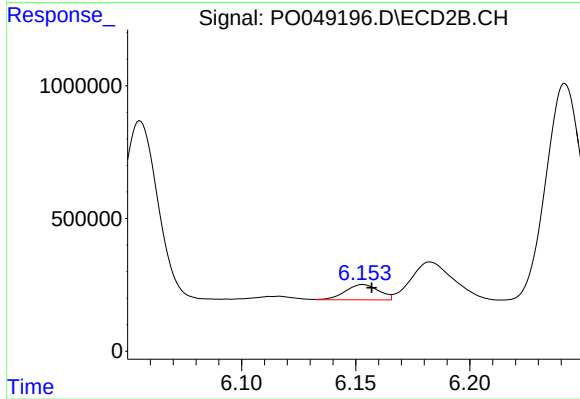
#27 AR-1254-2

R.T.: 5.838 min
Delta R.T.: -0.004 min
Response: 584654
Conc: 54.63 ng/ml



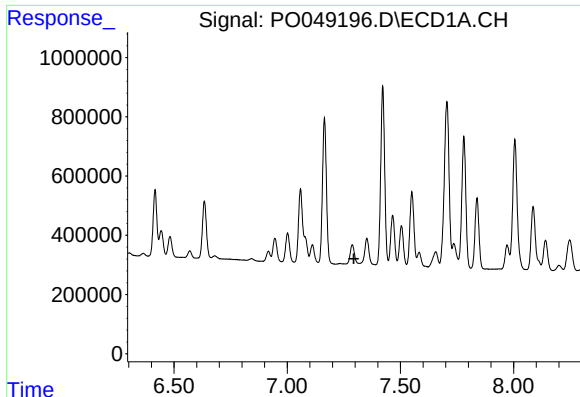
#28 AR-1254-3

R.T.: 7.059 min
Delta R.T.: 0.050 min
Response: 3910255
Conc: 239.32 ng/ml



#28 AR-1254-3

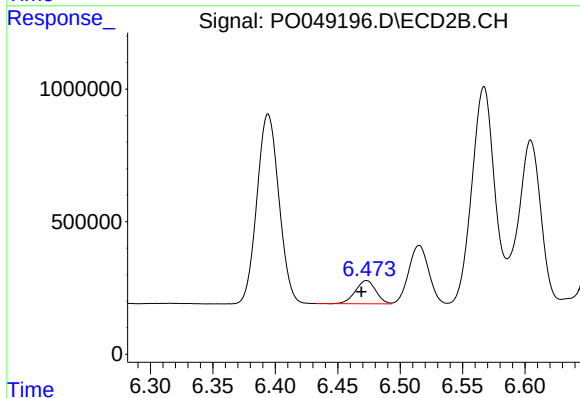
R.T.: 6.153 min
Delta R.T.: -0.004 min
Response: 589088
Conc: 42.82 ng/ml



#29 AR-1254-4

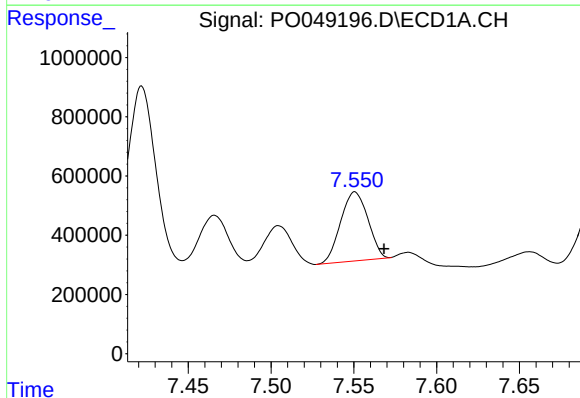
R.T.: 0.000 min
Exp R.T.: 7.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



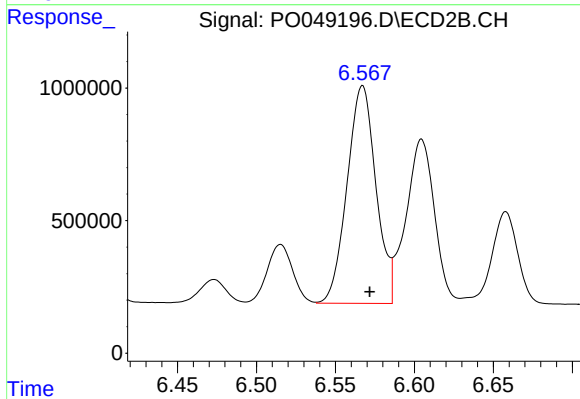
#29 AR-1254-4

R.T.: 6.473 min
Delta R.T.: 0.004 min
Response: 1002491
Conc: 97.90 ng/ml



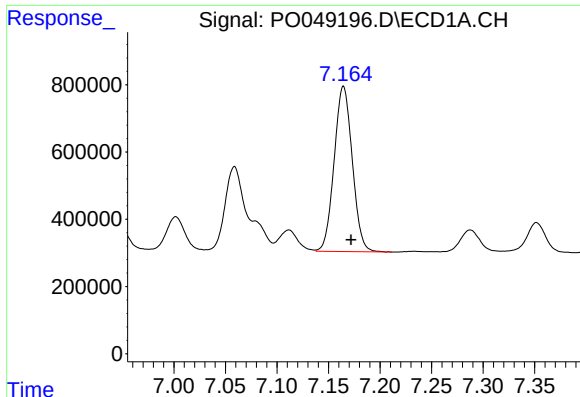
#30 AR-1254-5

R.T.: 7.551 min
Delta R.T.: -0.017 min
Response: 2675237
Conc: 289.39 ng/ml



#30 AR-1254-5

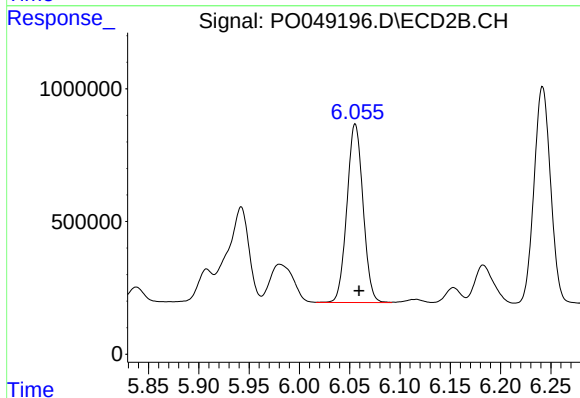
R.T.: 6.567 min
Delta R.T.: -0.005 min
Response: 10459883
Conc: 539.45 ng/ml



#31 AR-1260-1

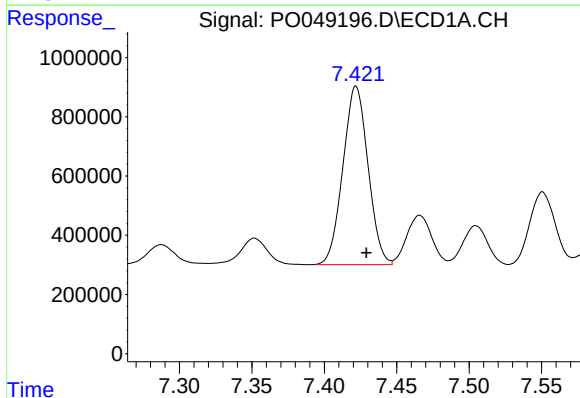
R.T.: 7.165 min
Delta R.T.: -0.007 min
Response: 6023196
Conc: 538.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



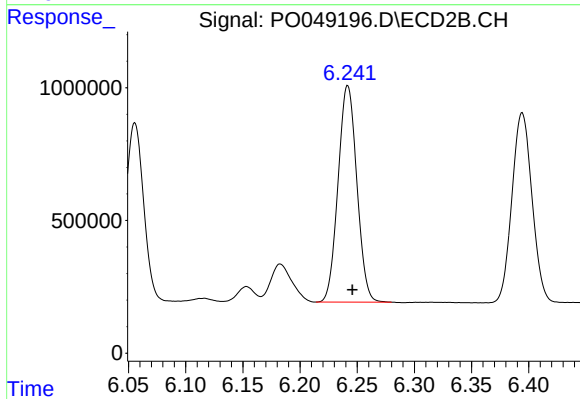
#31 AR-1260-1

R.T.: 6.056 min
Delta R.T.: -0.004 min
Response: 7508348
Conc: 522.18 ng/ml



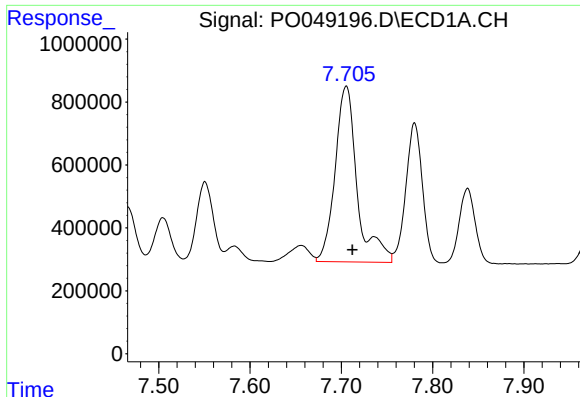
#32 AR-1260-2

R.T.: 7.422 min
Delta R.T.: -0.007 min
Response: 7265843
Conc: 541.51 ng/ml



#32 AR-1260-2

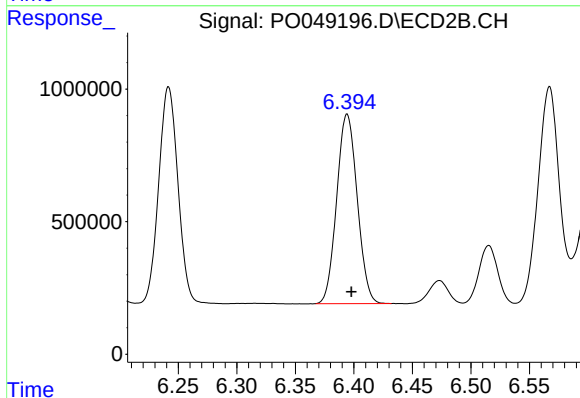
R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 9312975
Conc: 525.30 ng/ml



#33 AR-1260-3

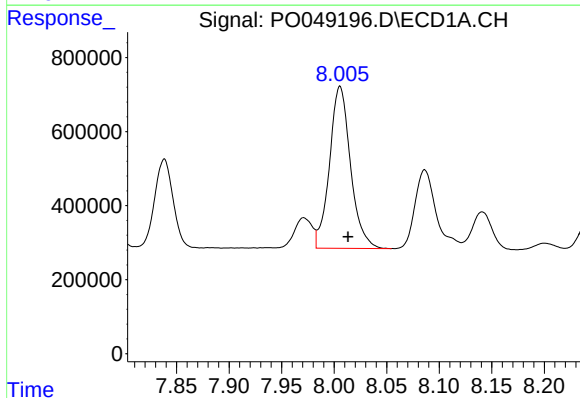
R.T.: 7.705 min
Delta R.T.: -0.007 min
Response: 9389900
Conc: 610.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



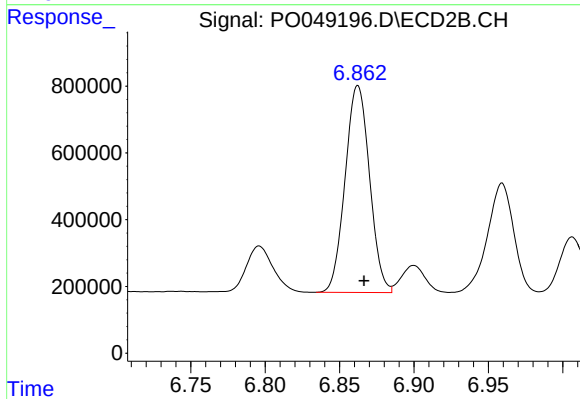
#33 AR-1260-3

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 8717582
Conc: 529.61 ng/ml



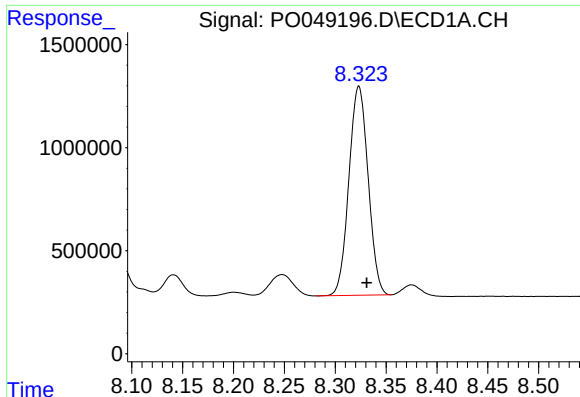
#34 AR-1260-4

R.T.: 8.006 min
Delta R.T.: -0.008 min
Response: 6106739
Conc: 558.05 ng/ml



#34 AR-1260-4

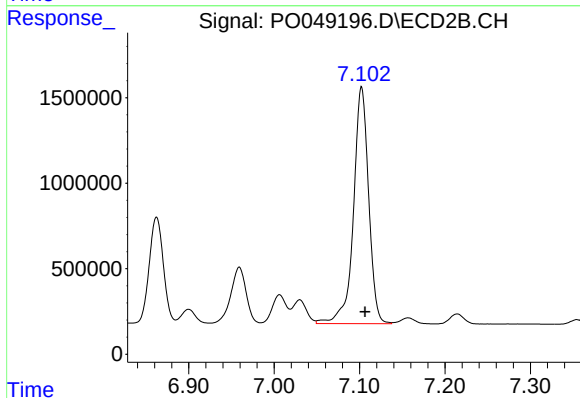
R.T.: 6.862 min
Delta R.T.: -0.004 min
Response: 7085966
Conc: 531.82 ng/ml



#35 AR-1260-5

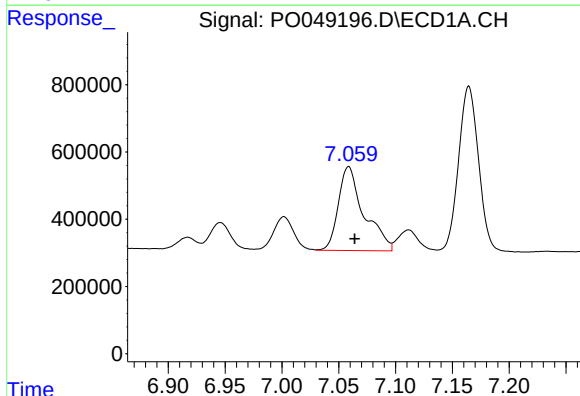
R.T.: 8.323 min
Delta R.T.: -0.008 min
Response: 13345812
Conc: 556.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



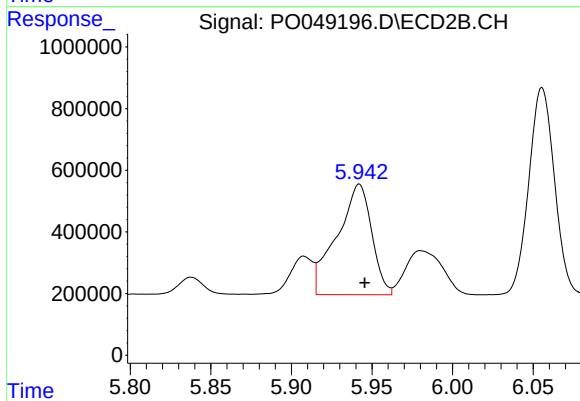
#35 AR-1260-5

R.T.: 7.102 min
Delta R.T.: -0.004 min
Response: 17136691
Conc: 547.07 ng/ml



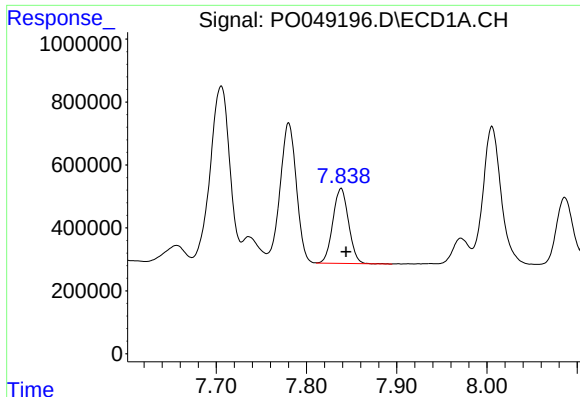
#36 AR-1262-1

R.T.: 7.059 min
Delta R.T.: -0.006 min
Response: 3910255
Conc: 598.72 ng/ml



#36 AR-1262-1

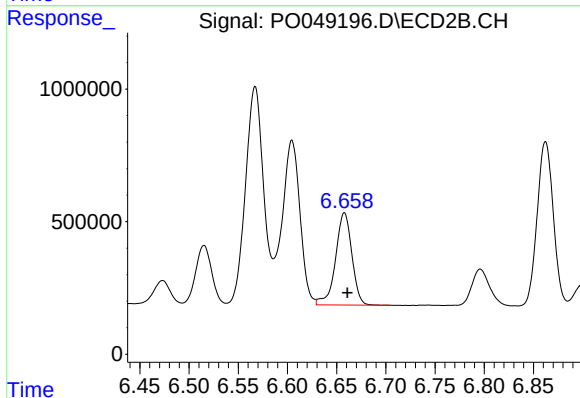
R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 5384993
Conc: 754.44 ng/ml



#37 AR-1262-2

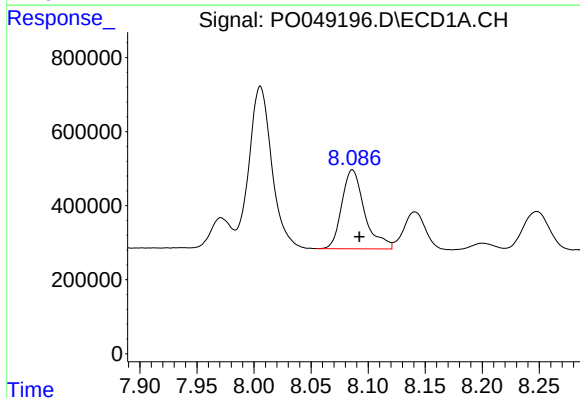
R.T.: 7.838 min
Delta R.T.: -0.006 min
Response: 2875777
Conc: 535.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



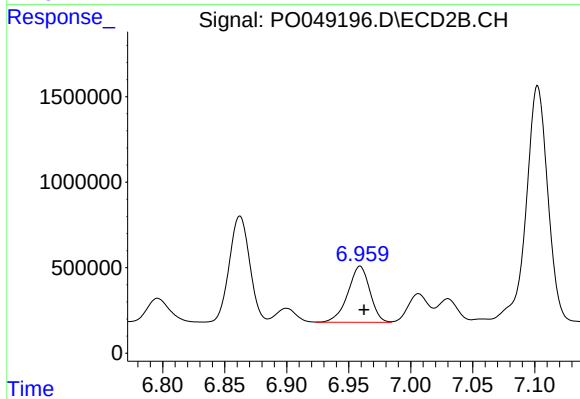
#37 AR-1262-2

R.T.: 6.658 min
Delta R.T.: -0.003 min
Response: 4028235
Conc: 549.04 ng/ml



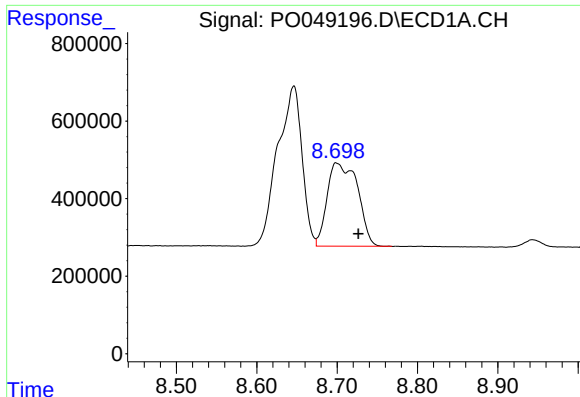
#38 AR-1262-3

R.T.: 8.086 min
Delta R.T.: -0.006 min
Response: 2967323
Conc: 516.39 ng/ml



#38 AR-1262-3

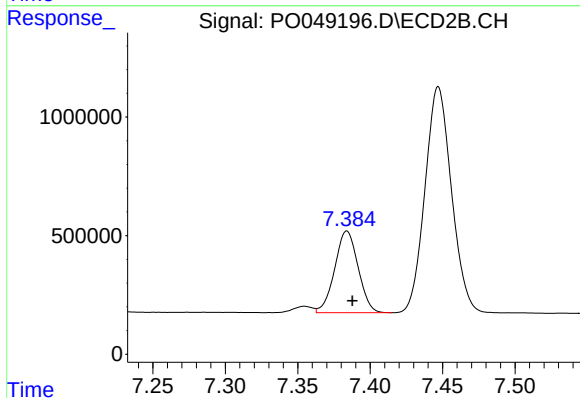
R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 4062040
Conc: 522.87 ng/ml



#39 AR-1262-4

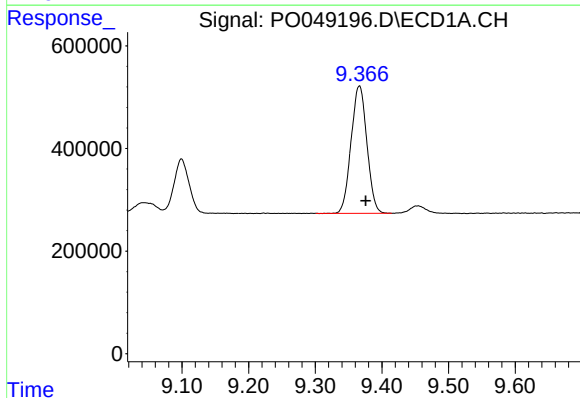
R.T.: 8.700 min
Delta R.T.: -0.027 min
Response: 5661454
Conc: 412.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



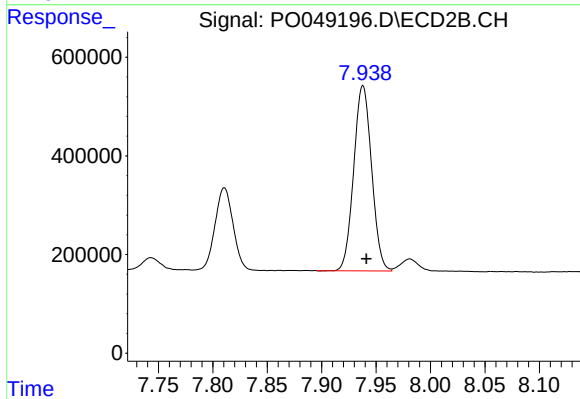
#39 AR-1262-4

R.T.: 7.384 min
Delta R.T.: -0.004 min
Response: 3879933
Conc: 318.48 ng/ml



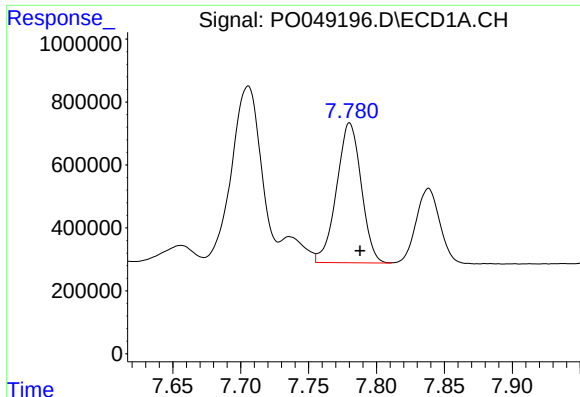
#40 AR-1262-5

R.T.: 9.366 min
Delta R.T.: -0.010 min
Response: 4091269
Conc: 392.74 ng/ml



#40 AR-1262-5

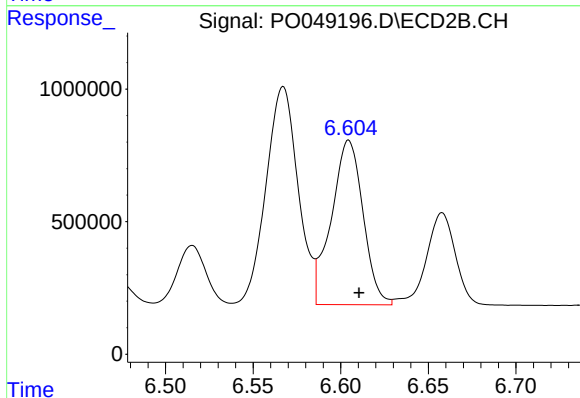
R.T.: 7.938 min
Delta R.T.: -0.003 min
Response: 4298243
Conc: 422.51 ng/ml



#41 AR-1268-1

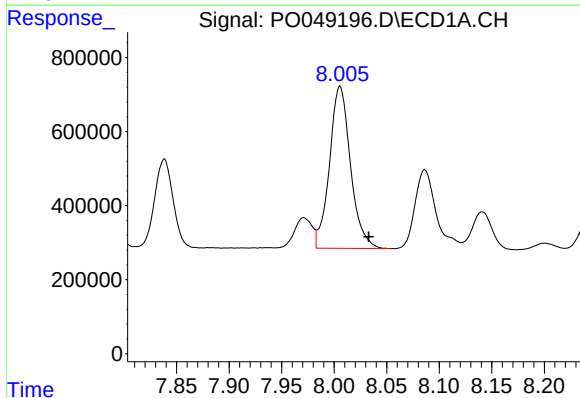
R.T.: 7.780 min
Delta R.T.: -0.007 min
Response: 5605528
Conc: 970.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



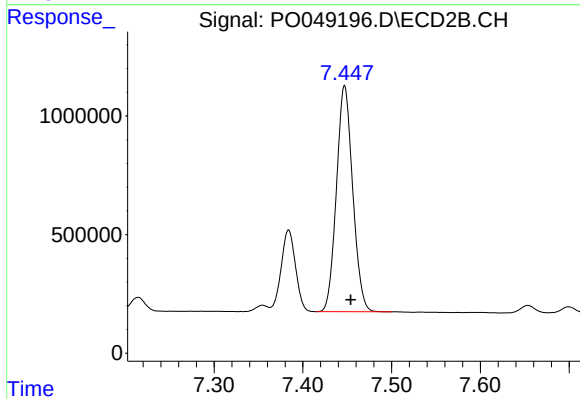
#41 AR-1268-1

R.T.: 6.605 min
Delta R.T.: -0.006 min
Response: 7816055
Conc: 1067.52 ng/ml



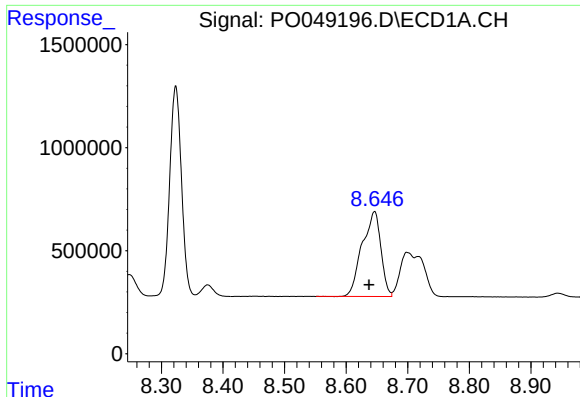
#42 AR-1268-2

R.T.: 8.006 min
Delta R.T.: -0.027 min
Response: 6106739
Conc: 800.30 ng/ml



#42 AR-1268-2

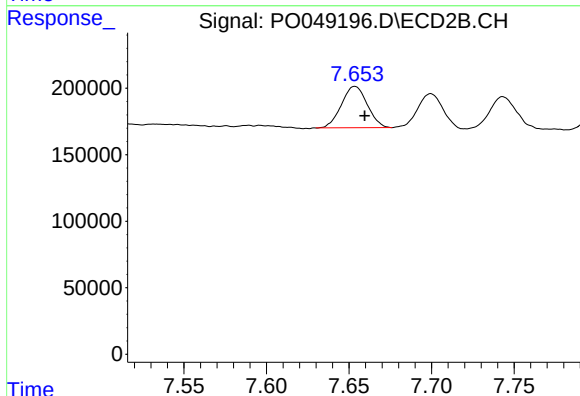
R.T.: 7.447 min
Delta R.T.: -0.007 min
Response: 12145461
Conc: 365.81 ng/ml



#43 AR-1268-3

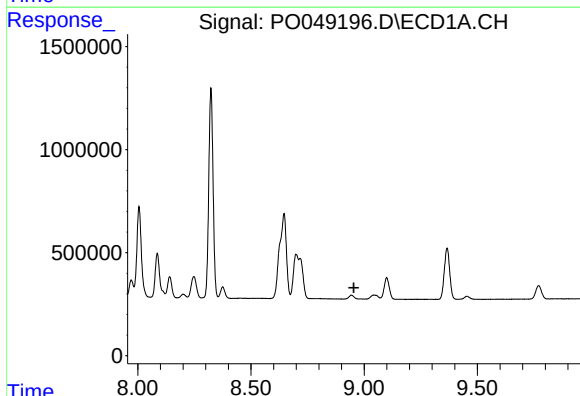
R.T.: 8.646 min
Delta R.T.: 0.009 min
Response: 8714355
Conc: 257.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



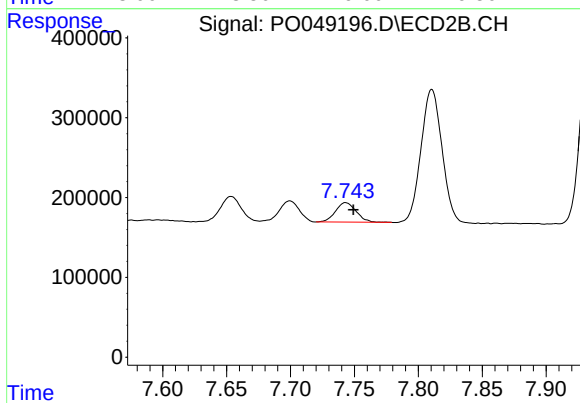
#43 AR-1268-3

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 338848
Conc: 12.37 ng/ml



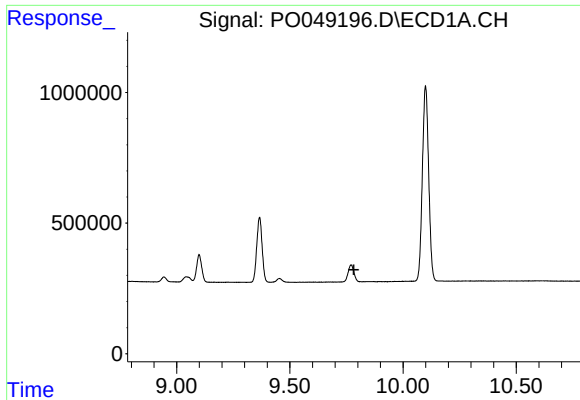
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.954 min
Response: 0
Conc: N.D.



#44 AR-1268-4

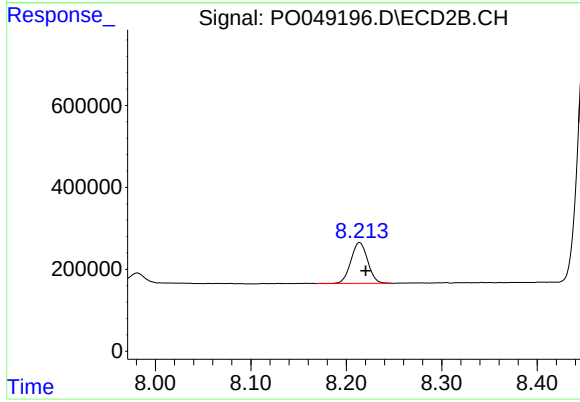
R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 275126
Conc: 35.40 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.783 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.214 min
Delta R.T.: -0.006 min
Response: 1208888
Conc: 16.31 ng/ml