

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072119\
 Data File : P0058216.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jul 2019 10:53
 Operator : SM/AJ
 Sample : K3771-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 DUP-10RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 01:01:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 17 11:13:08 2019
 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...	4.189	3.533	683967	695377	20.184	21.681
2)	SA Decachlor...	9.696	8.434	3583016	2289113	70.037	66.785
Target Compounds							
3)	L1 AR-1016-1	0.000	4.532	0	18765	N.D.	15.701 #
5)	L1 AR-1016-3	5.497	4.825	16322	37677	11.532	40.136 #
6)	L1 AR-1016-4	5.497	4.825	16322	37677	14.331	48.399 #
7)	L1 AR-1016-5	5.815	5.035	44562	20200	38.849	19.704 #
8)	L2 AR-1221-1	4.423	3.752	190793	41895	462.433	118.330 #
9)	L2 AR-1221-2	4.490	3.830	183204	147844	592.322	560.034
10)	L2 AR-1221-3	4.582	3.945	370365	699635	372.874	825.881 #
11)	L3 AR-1232-1	4.582	3.945	370365	699635	450.806	992.479 #
13)	L3 AR-1232-3	0.000	4.825	0	37677	N.D.	91.550 #
14)	L3 AR-1232-4	5.497	4.825	16322	37677	32.731	102.661 #
15)	L3 AR-1232-5	5.614	5.035	50625	20200	134.259	48.802 #
16)	L4 AR-1242-1	0.000	4.532	0	18765	N.D.	19.691 #
18)	L4 AR-1242-3	5.497	4.825	16322	37677	14.057	49.142 #
19)	L4 AR-1242-4	5.497	4.825	16322	37677	17.312	49.641 #
20)	L4 AR-1242-5	6.255	5.381	102342	258304	88.379	271.081 #
21)	L5 AR-1248-1	0.000	4.532	0	18765	N.D.	25.552 #
22)	L5 AR-1248-2	5.614	4.825	50625	37677	37.571	36.975
23)	L5 AR-1248-3	5.815	4.825	44562	37677	28.745	35.843
24)	L5 AR-1248-4	6.216	5.035	212161	20200	108.365	15.688 #
25)	L5 AR-1248-5	6.255	5.419	102342	51230	53.699	40.524
26)	L6 AR-1254-1	6.187	5.381	270673	258304	137.734	126.778
27)	L6 AR-1254-2	6.402	5.526	581988	414863	178.030	228.938 #
28)	L6 AR-1254-3	6.767	5.925	1092970	962242	309.817	328.586
29)	L6 AR-1254-4	7.051	6.152	1154605	798568	390.224	432.210
30)	L6 AR-1254-5	7.464	6.563	1816347	1423782	618.805	523.740
31)	L7 AR-1260-1	6.925	6.050	607179	550355	242.762	271.754
32)	L7 AR-1260-2	7.180	6.239	1122405	656074	319.240	255.120
33)	L7 AR-1260-3	7.534	6.388	688042	524848	234.331	230.125
34)	L7 AR-1260-4	7.773	6.847	1825992	861342	668.434	444.851 #
35)	L7 AR-1260-5	8.066	7.096	442773	340735	76.322	74.032
36)	L8 AR-1262-1	7.534	6.596	688042	585096	124.537	147.303
37)	L8 AR-1262-2	8.066	7.096	442773	340735	52.068	52.752
38)	L8 AR-1262-3	8.348	7.374	5385398	3957742	956.715	1435.855 #
39)	L8 AR-1262-4	8.435	7.439	2639023	2316168	578.420	485.092
40)	L8 AR-1262-5	9.034	7.930	628235	460828	226.099	231.697
41)	L9 AR-1268-1	8.348	7.374	5385398	3957742	523.726	506.949
42)	L9 AR-1268-2	8.435	7.439	2639023	2316168	288.128	325.073
43)	L9 AR-1268-3	8.638	7.637	6831244	4892599	855.366	812.241
44)	L9 AR-1268-4	9.034	7.930	628235	460828	212.010	220.300
45)	L9 AR-1268-5	9.402	8.202	16201742	11256338	743.777	674.995

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ECD_O
ClientSampleId :
DUP-10RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Response via : Initial Calibration
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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

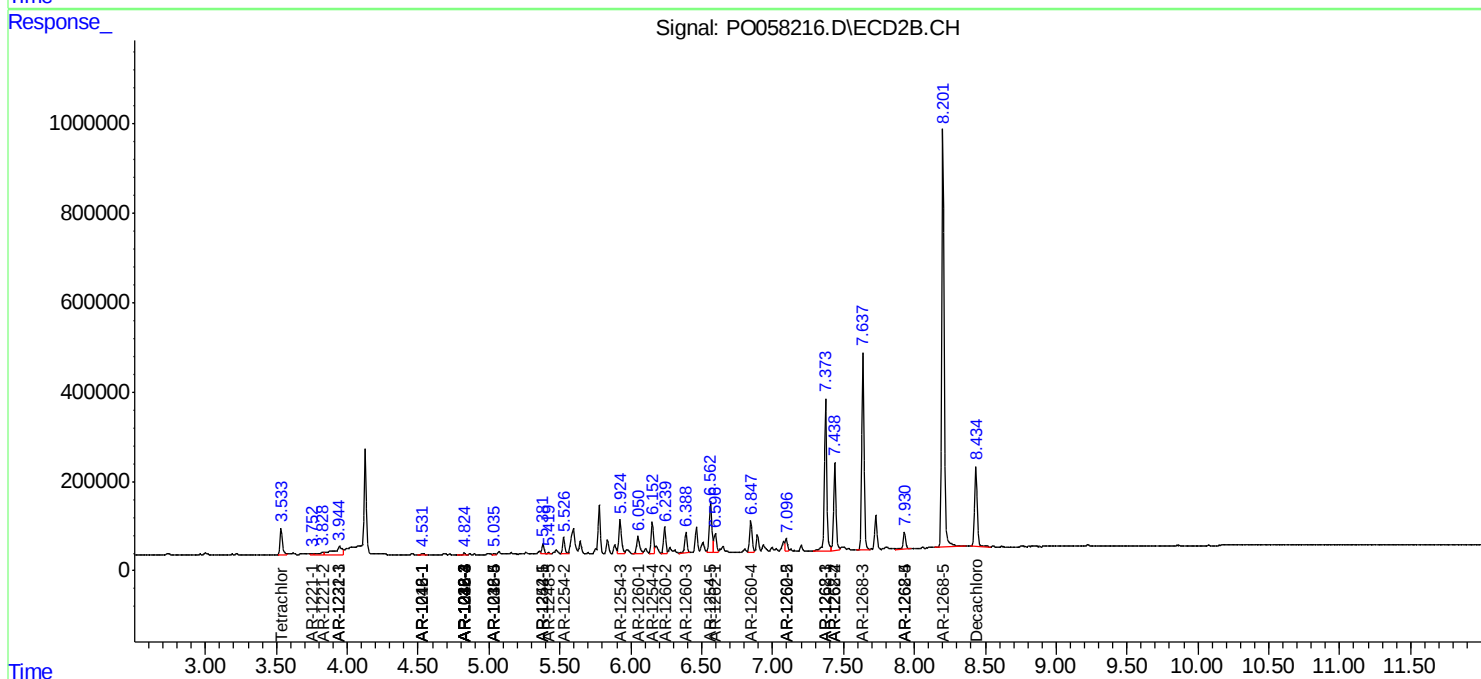
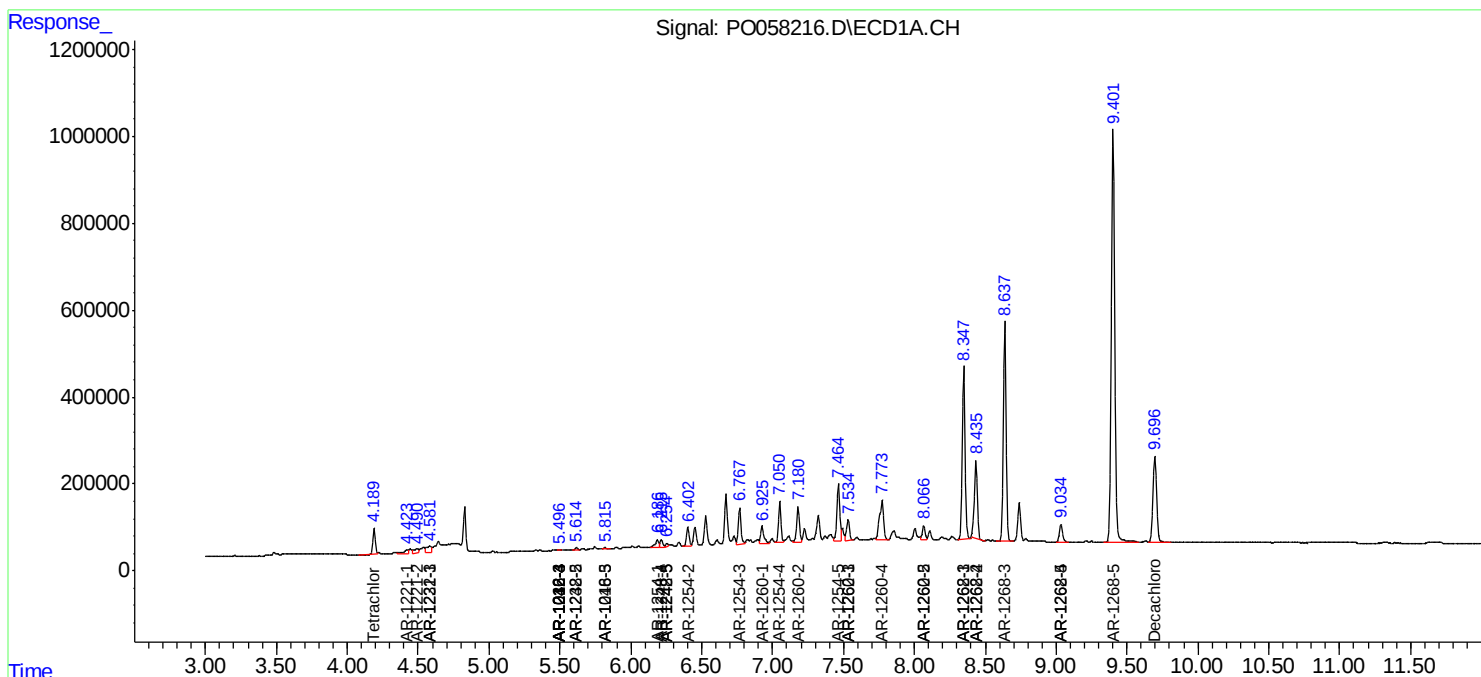
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

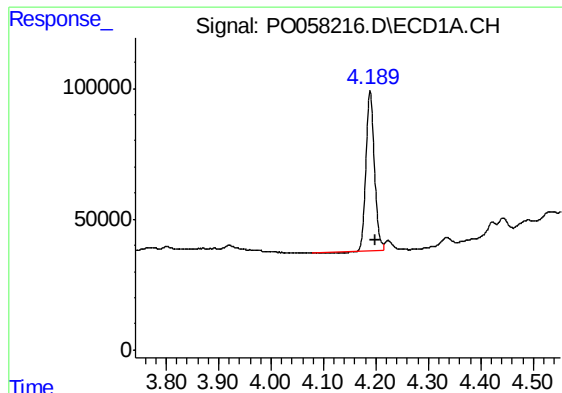
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072119\
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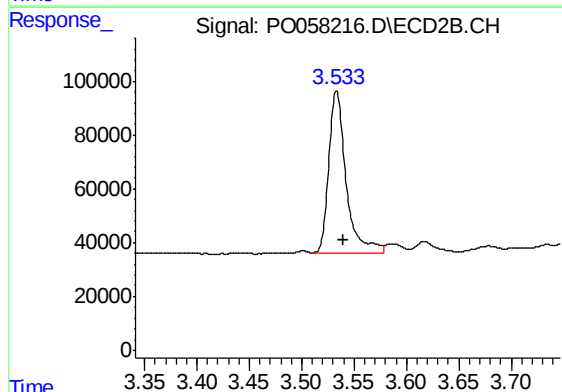




#1 Tetrachloro-m-xylene

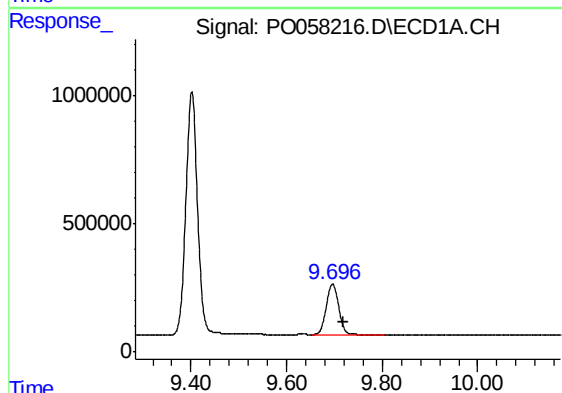
R.T.: 4.189 min
Delta R.T.: -0.011 min
Response: 683967
Conc: 20.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



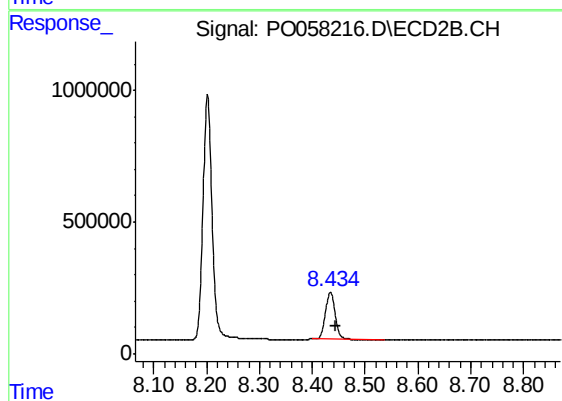
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.006 min
Response: 695377
Conc: 21.68 ng/ml



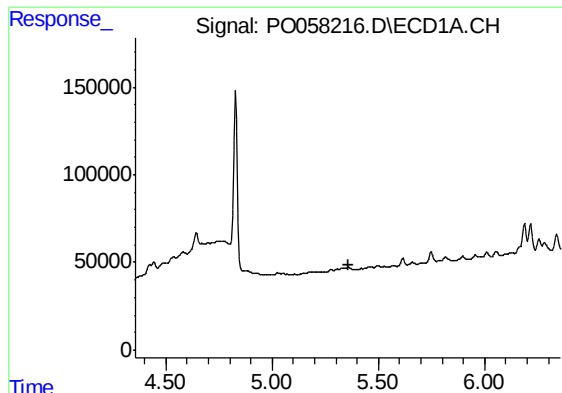
#2 Decachlorobiphenyl

R.T.: 9.696 min
Delta R.T.: -0.022 min
Response: 3583016
Conc: 70.04 ng/ml



#2 Decachlorobiphenyl

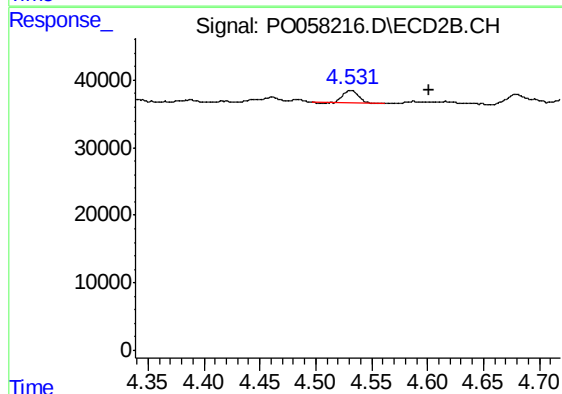
R.T.: 8.434 min
Delta R.T.: -0.011 min
Response: 2289113
Conc: 66.79 ng/ml



#3 AR-1016-1

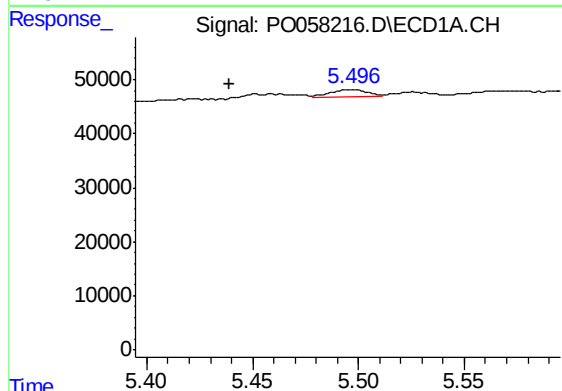
R.T.: 0.000 min
Exp R.T.: 5.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



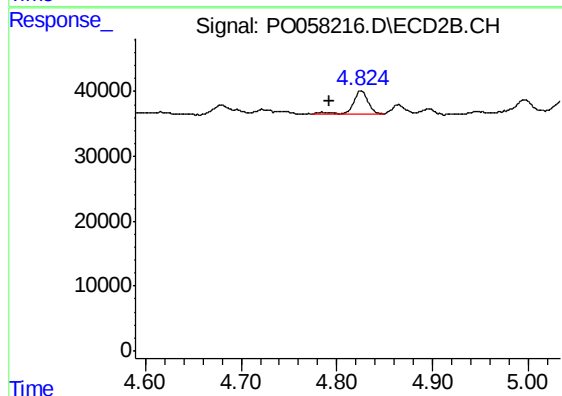
#3 AR-1016-1

R.T.: 4.532 min
Delta R.T.: -0.070 min
Response: 18765
Conc: 15.70 ng/ml



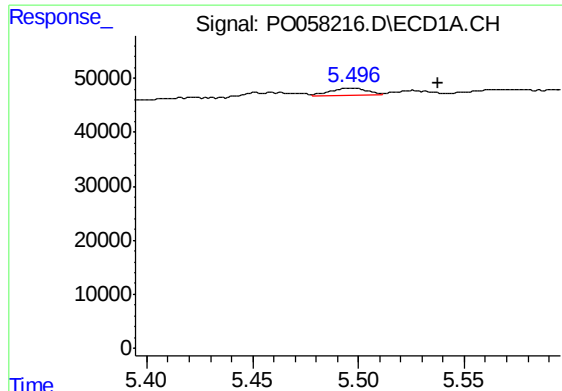
#5 AR-1016-3

R.T.: 5.497 min
Delta R.T.: 0.058 min
Response: 16322
Conc: 11.53 ng/ml



#5 AR-1016-3

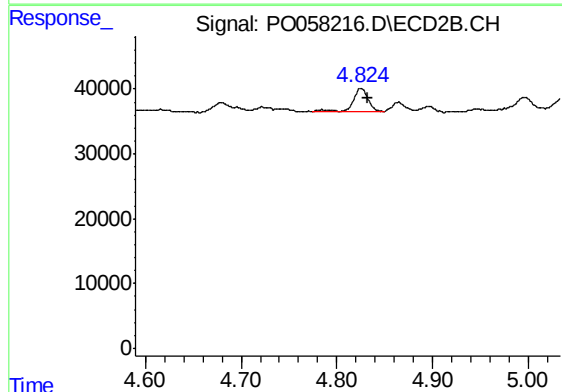
R.T.: 4.825 min
Delta R.T.: 0.033 min
Response: 37677
Conc: 40.14 ng/ml



#6 AR-1016-4

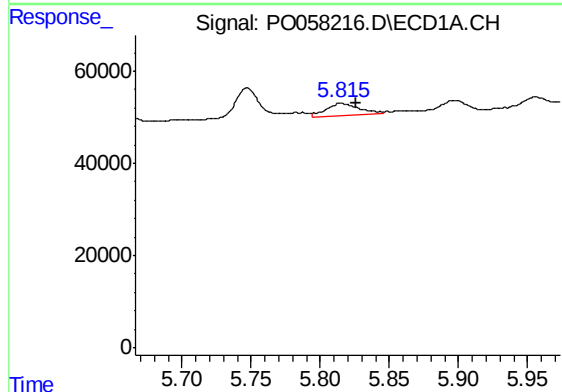
R.T.: 5.497 min
Delta R.T.: -0.040 min
Response: 16322
Conc: 14.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



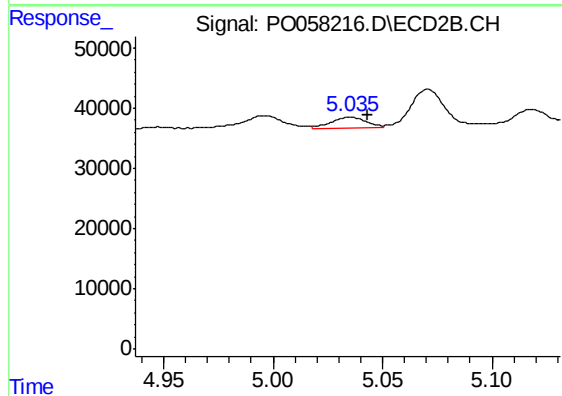
#6 AR-1016-4

R.T.: 4.825 min
Delta R.T.: -0.008 min
Response: 37677
Conc: 48.40 ng/ml



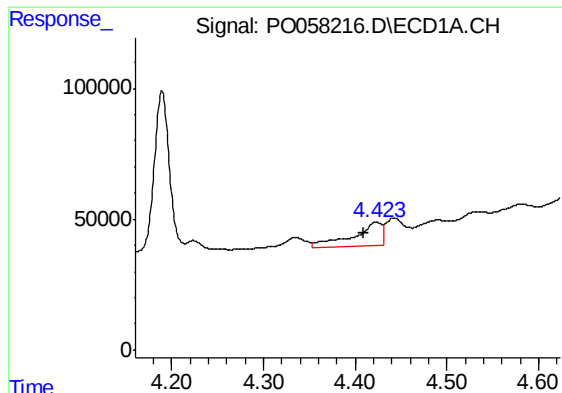
#7 AR-1016-5

R.T.: 5.815 min
Delta R.T.: -0.011 min
Response: 44562
Conc: 38.85 ng/ml



#7 AR-1016-5

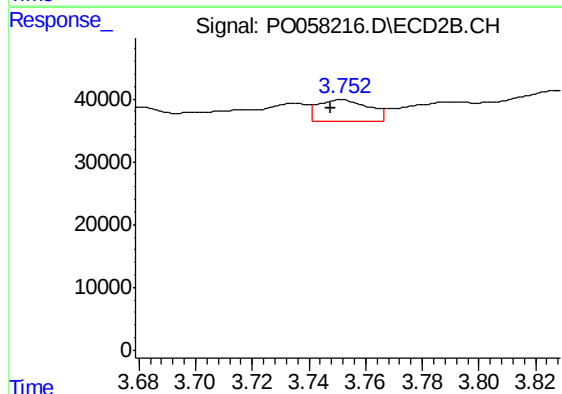
R.T.: 5.035 min
Delta R.T.: -0.008 min
Response: 20200
Conc: 19.70 ng/ml



#8 AR-1221-1

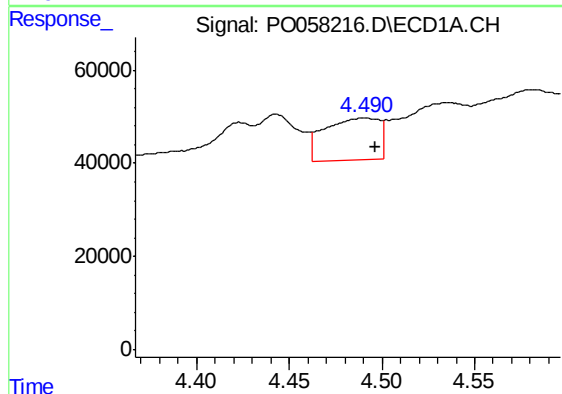
R.T.: 4.423 min
Delta R.T.: 0.013 min
Response: 190793
Conc: 462.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



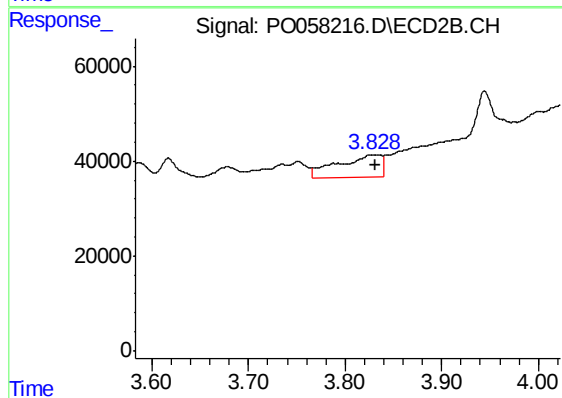
#8 AR-1221-1

R.T.: 3.752 min
Delta R.T.: 0.004 min
Response: 41895
Conc: 118.33 ng/ml



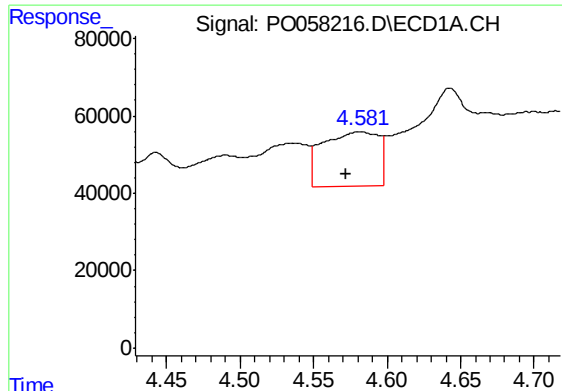
#9 AR-1221-2

R.T.: 4.490 min
Delta R.T.: -0.006 min
Response: 183204
Conc: 592.32 ng/ml



#9 AR-1221-2

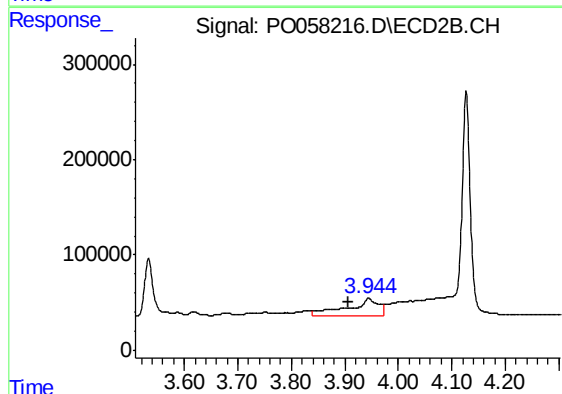
R.T.: 3.830 min
Delta R.T.: -0.002 min
Response: 147844
Conc: 560.03 ng/ml



#10 AR-1221-3

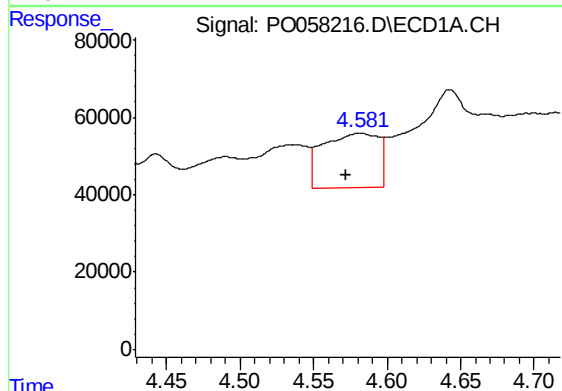
R.T.: 4.582 min
Delta R.T.: 0.010 min
Response: 370365
Conc: 372.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



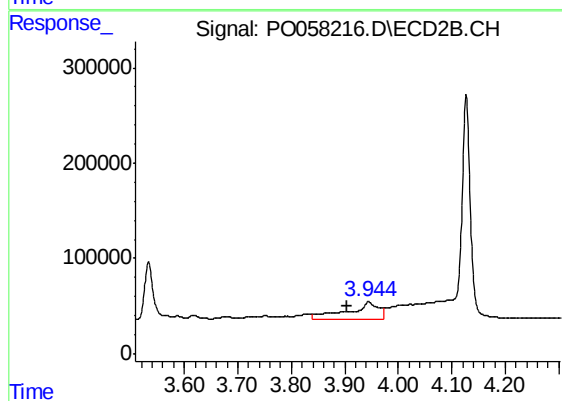
#10 AR-1221-3

R.T.: 3.945 min
Delta R.T.: 0.038 min
Response: 699635
Conc: 825.88 ng/ml



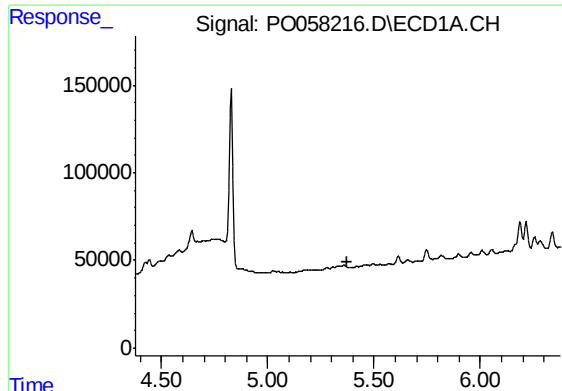
#11 AR-1232-1

R.T.: 4.582 min
Delta R.T.: 0.010 min
Response: 370365
Conc: 450.81 ng/ml



#11 AR-1232-1

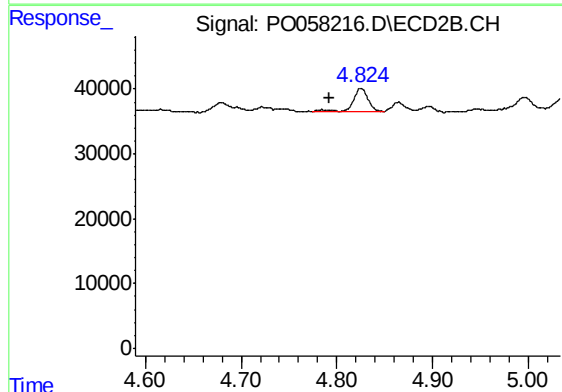
R.T.: 3.945 min
Delta R.T.: 0.039 min
Response: 699635
Conc: 992.48 ng/ml



#13 AR-1232-3

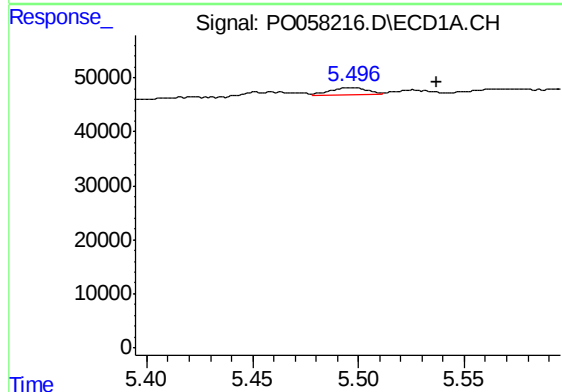
R.T.: 0.000 min
Exp R.T.: 5.378 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



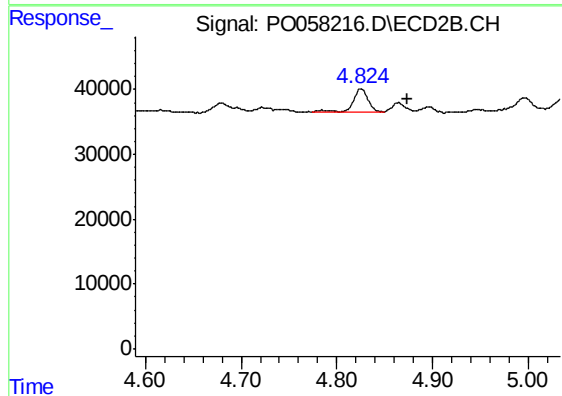
#13 AR-1232-3

R.T.: 4.825 min
Delta R.T.: 0.033 min
Response: 37677
Conc: 91.55 ng/ml



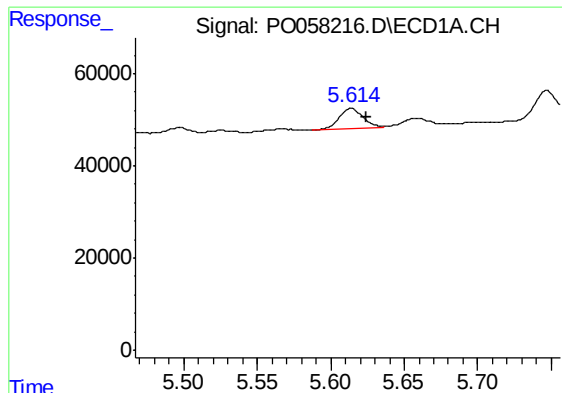
#14 AR-1232-4

R.T.: 5.497 min
Delta R.T.: -0.040 min
Response: 16322
Conc: 32.73 ng/ml



#14 AR-1232-4

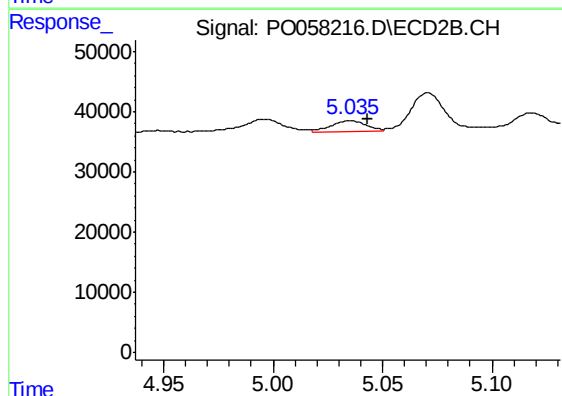
R.T.: 4.825 min
Delta R.T.: -0.048 min
Response: 37677
Conc: 102.66 ng/ml



#15 AR-1232-5

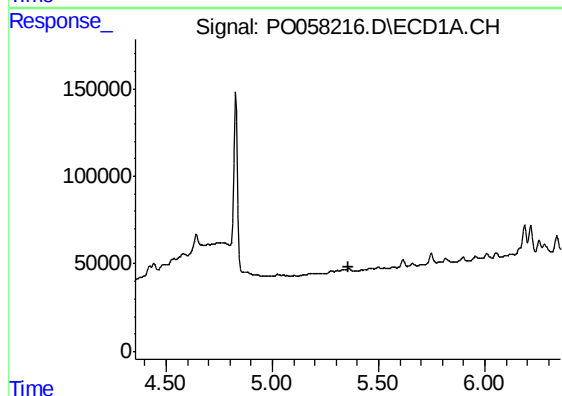
R.T.: 5.614 min
Delta R.T.: -0.010 min
Response: 50625
Conc: 134.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
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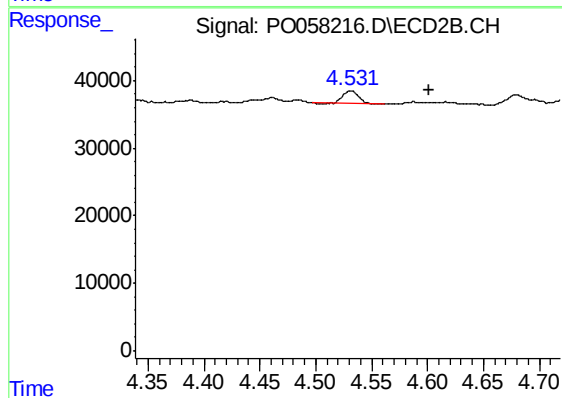
#15 AR-1232-5

R.T.: 5.035 min
Delta R.T.: -0.008 min
Response: 20200
Conc: 48.80 ng/ml



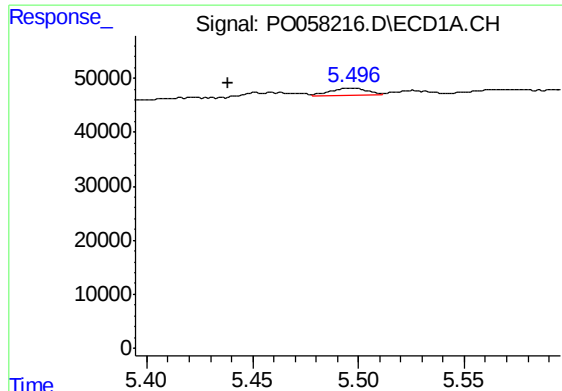
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.356 min
Response: 0
Conc: N.D.



#16 AR-1242-1

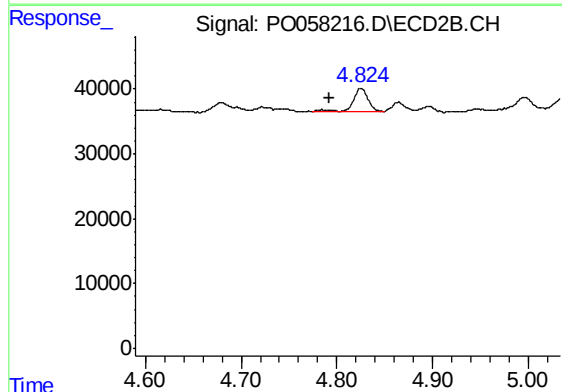
R.T.: 4.532 min
Delta R.T.: -0.070 min
Response: 18765
Conc: 19.69 ng/ml



#18 AR-1242-3

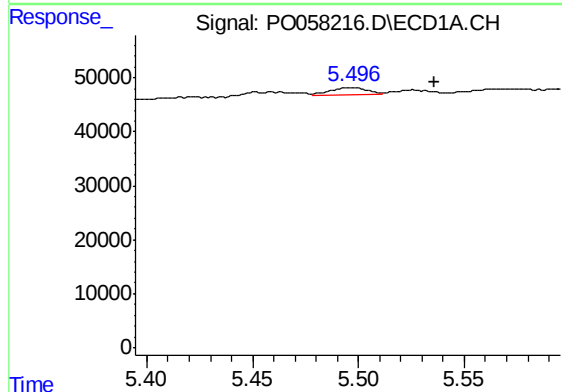
R.T.: 5.497 min
Delta R.T.: 0.059 min
Response: 16322
Conc: 14.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



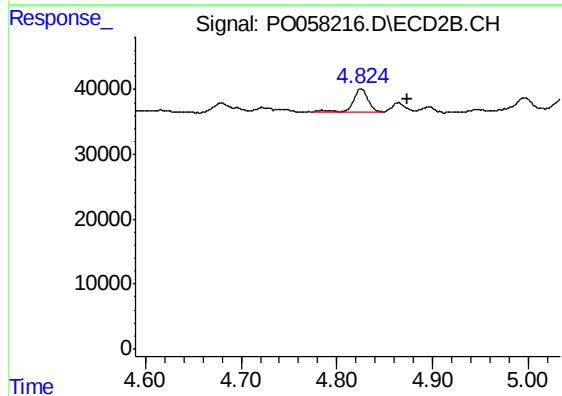
#18 AR-1242-3

R.T.: 4.825 min
Delta R.T.: 0.033 min
Response: 37677
Conc: 49.14 ng/ml



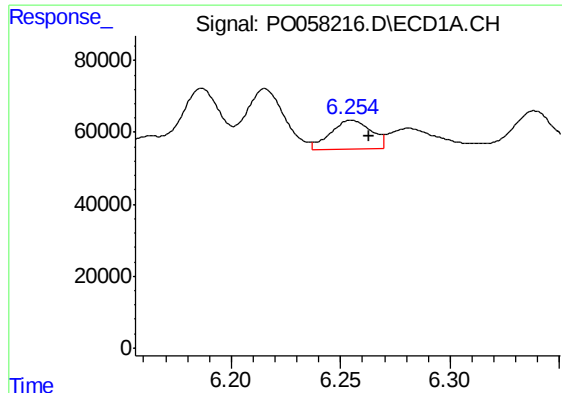
#19 AR-1242-4

R.T.: 5.497 min
Delta R.T.: -0.039 min
Response: 16322
Conc: 17.31 ng/ml



#19 AR-1242-4

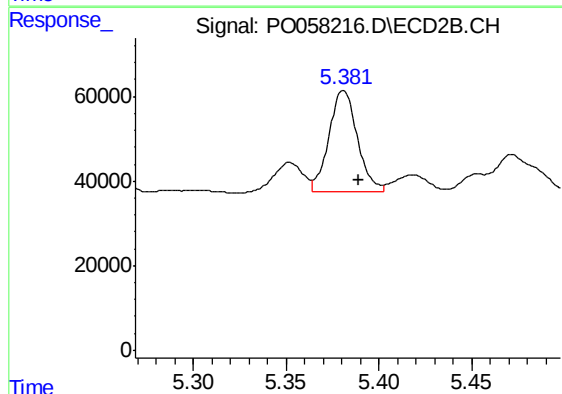
R.T.: 4.825 min
Delta R.T.: -0.049 min
Response: 37677
Conc: 49.64 ng/ml



#20 AR-1242-5

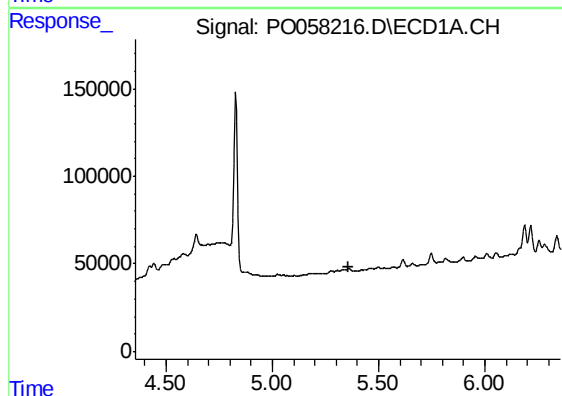
R.T.: 6.255 min
Delta R.T.: -0.008 min
Response: 102342
Conc: 88.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



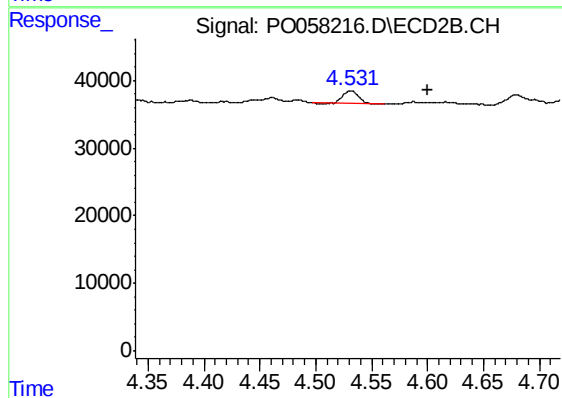
#20 AR-1242-5

R.T.: 5.381 min
Delta R.T.: -0.008 min
Response: 258304
Conc: 271.08 ng/ml



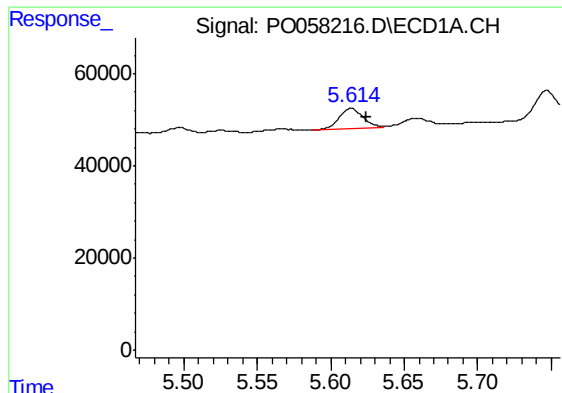
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.356 min
Response: 0
Conc: N.D.



#21 AR-1248-1

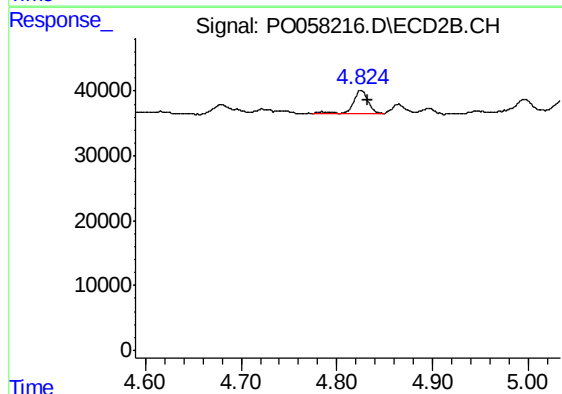
R.T.: 4.532 min
Delta R.T.: -0.069 min
Response: 18765
Conc: 25.55 ng/ml



#22 AR-1248-2

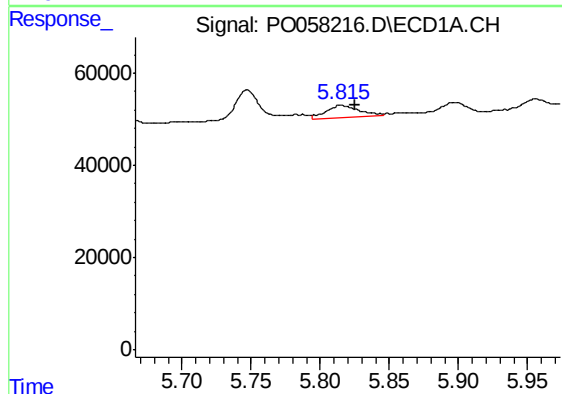
R.T.: 5.614 min
Delta R.T.: -0.010 min
Response: 50625
Conc: 37.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



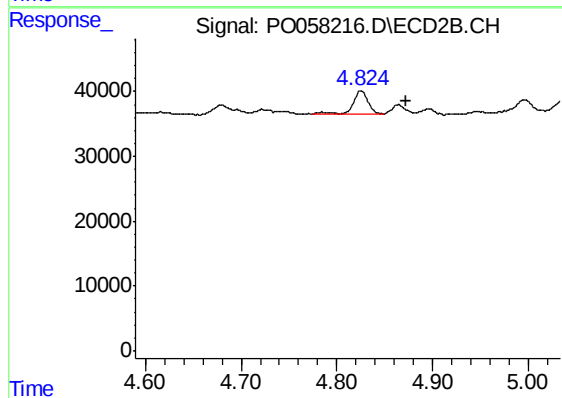
#22 AR-1248-2

R.T.: 4.825 min
Delta R.T.: -0.008 min
Response: 37677
Conc: 36.97 ng/ml



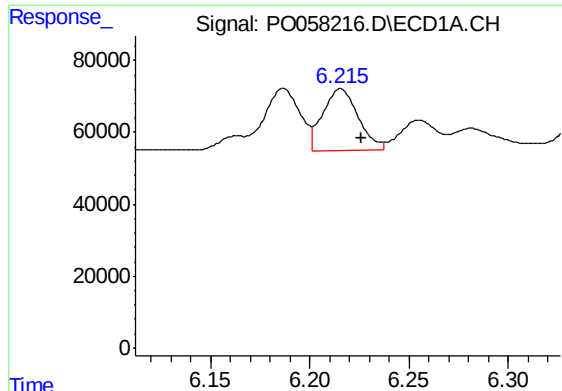
#23 AR-1248-3

R.T.: 5.815 min
Delta R.T.: -0.010 min
Response: 44562
Conc: 28.75 ng/ml



#23 AR-1248-3

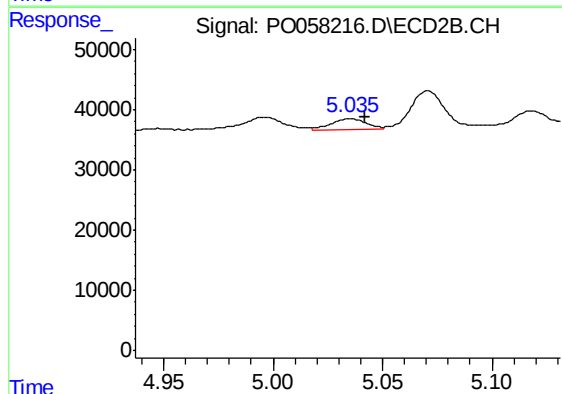
R.T.: 4.825 min
Delta R.T.: -0.048 min
Response: 37677
Conc: 35.84 ng/ml



#24 AR-1248-4

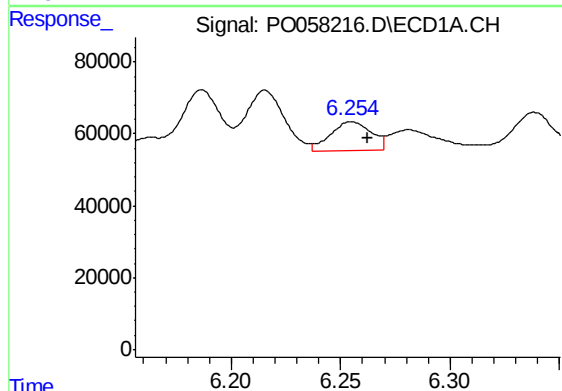
R.T.: 6.216 min
Delta R.T.: -0.010 min
Response: 212161
Conc: 108.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



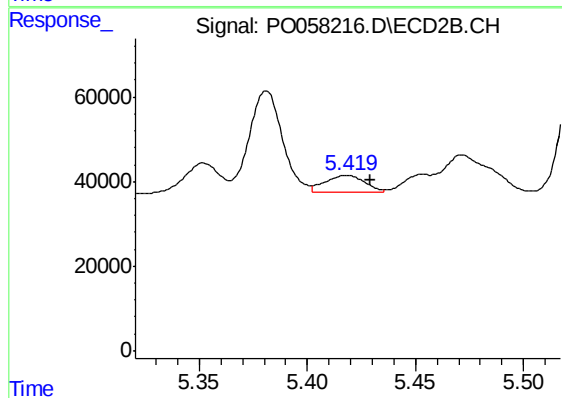
#24 AR-1248-4

R.T.: 5.035 min
Delta R.T.: -0.007 min
Response: 20200
Conc: 15.69 ng/ml



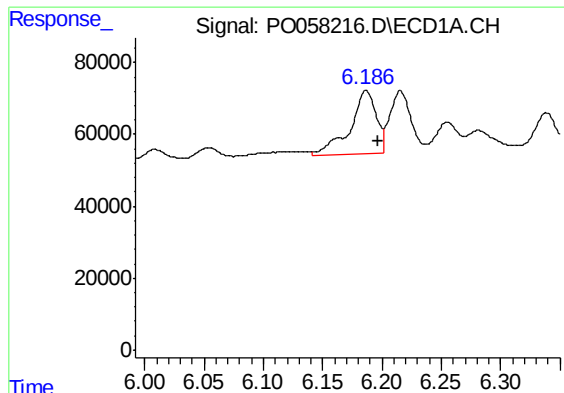
#25 AR-1248-5

R.T.: 6.255 min
Delta R.T.: -0.008 min
Response: 102342
Conc: 53.70 ng/ml



#25 AR-1248-5

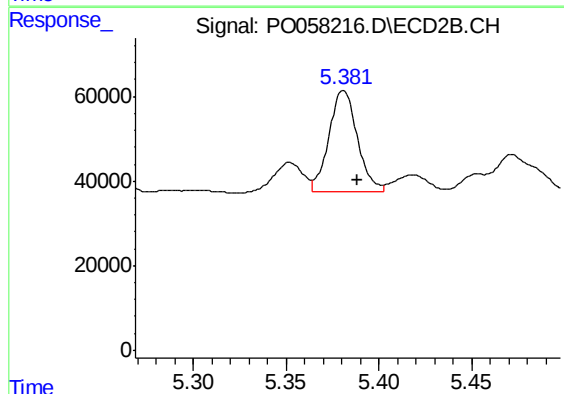
R.T.: 5.419 min
Delta R.T.: -0.010 min
Response: 51230
Conc: 40.52 ng/ml



#26 AR-1254-1

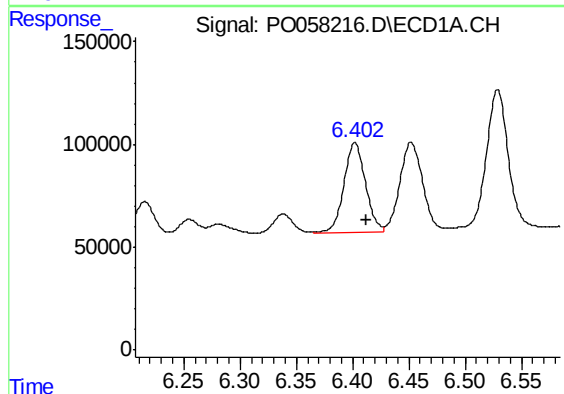
R.T.: 6.187 min
Delta R.T.: -0.010 min
Response: 270673
Conc: 137.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



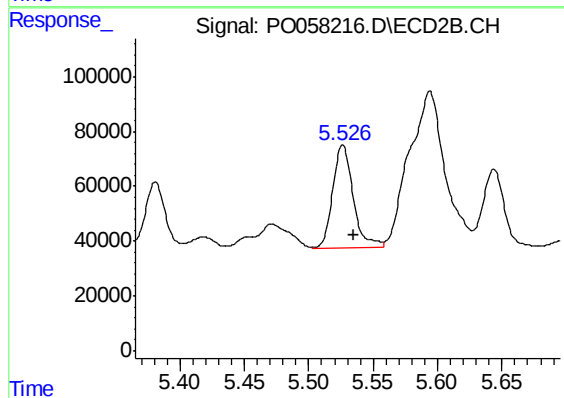
#26 AR-1254-1

R.T.: 5.381 min
Delta R.T.: -0.008 min
Response: 258304
Conc: 126.78 ng/ml



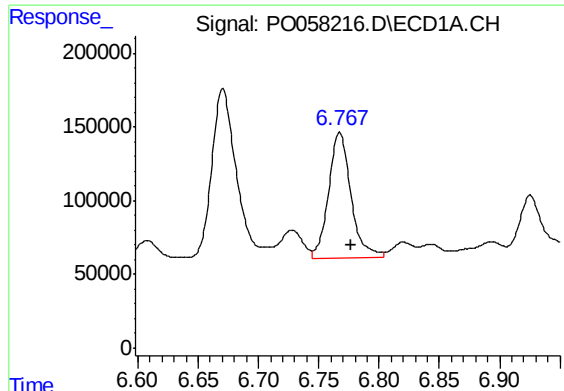
#27 AR-1254-2

R.T.: 6.402 min
Delta R.T.: -0.011 min
Response: 581988
Conc: 178.03 ng/ml



#27 AR-1254-2

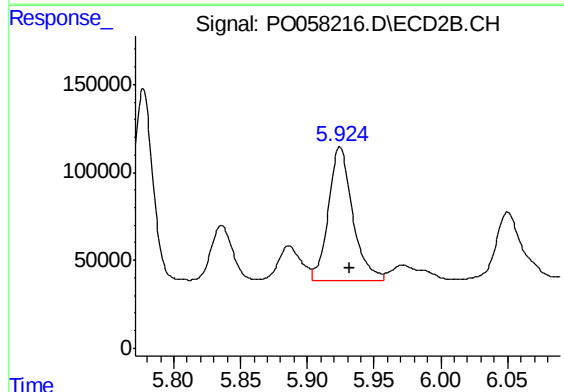
R.T.: 5.526 min
Delta R.T.: -0.008 min
Response: 414863
Conc: 228.94 ng/ml



#28 AR-1254-3

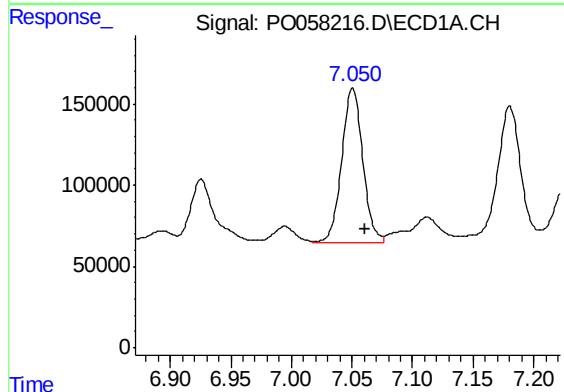
R.T.: 6.767 min
Delta R.T.: -0.010 min
Response: 1092970
Conc: 309.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



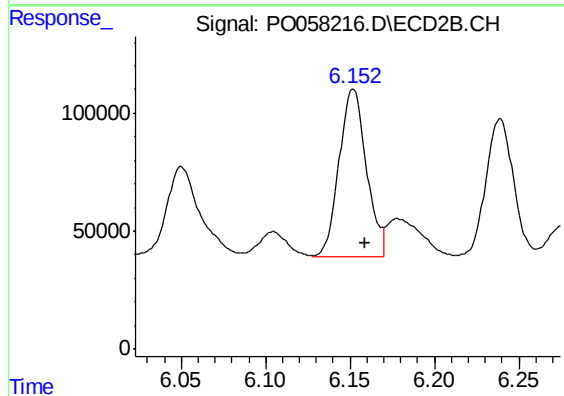
#28 AR-1254-3

R.T.: 5.925 min
Delta R.T.: -0.008 min
Response: 962242
Conc: 328.59 ng/ml



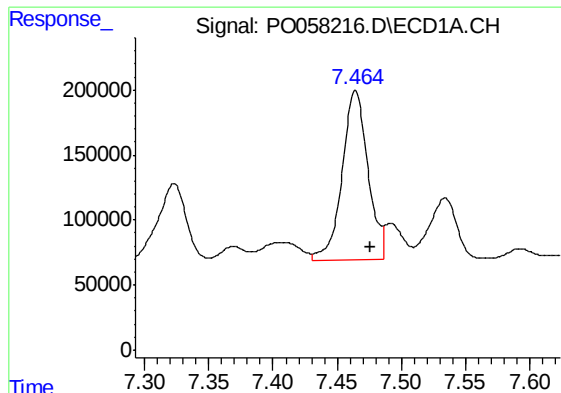
#29 AR-1254-4

R.T.: 7.051 min
Delta R.T.: -0.011 min
Response: 1154605
Conc: 390.22 ng/ml



#29 AR-1254-4

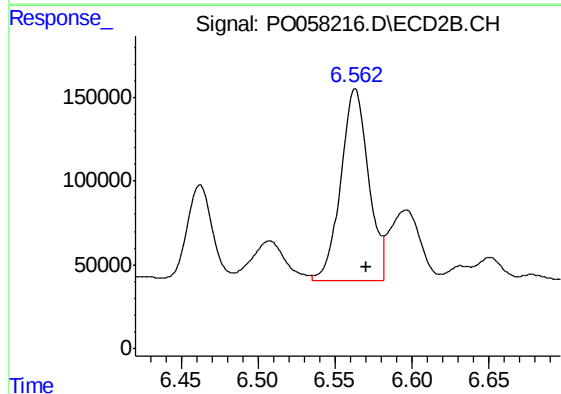
R.T.: 6.152 min
Delta R.T.: -0.007 min
Response: 798568
Conc: 432.21 ng/ml



#30 AR-1254-5

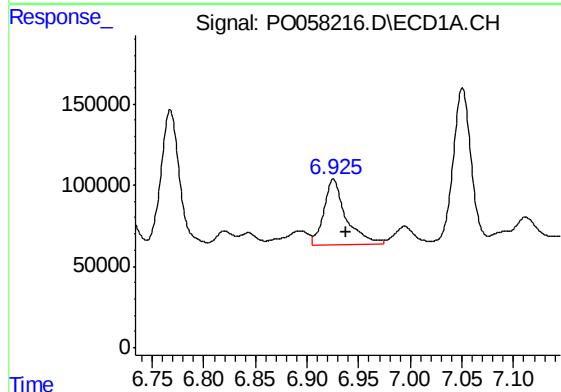
R.T.: 7.464 min
Delta R.T.: -0.011 min
Response: 1816347
Conc: 618.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



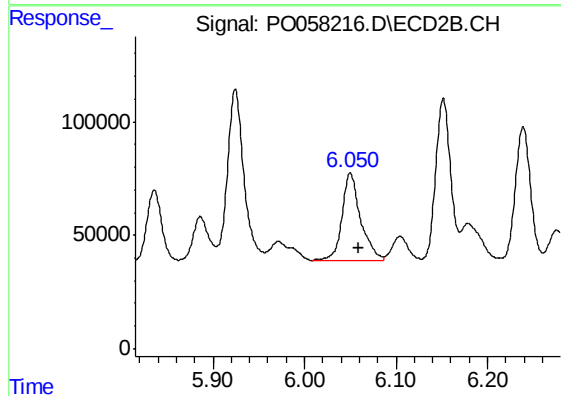
#30 AR-1254-5

R.T.: 6.563 min
Delta R.T.: -0.008 min
Response: 1423782
Conc: 523.74 ng/ml



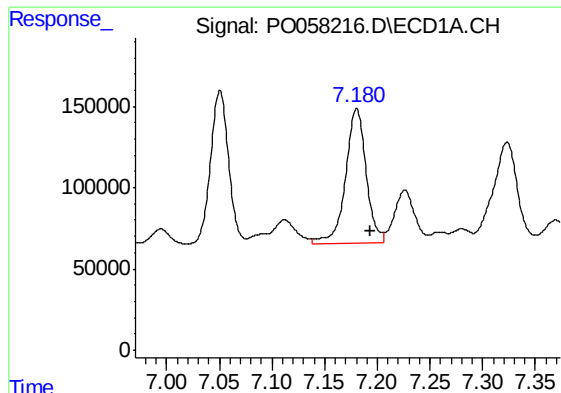
#31 AR-1260-1

R.T.: 6.925 min
Delta R.T.: -0.012 min
Response: 607179
Conc: 242.76 ng/ml



#31 AR-1260-1

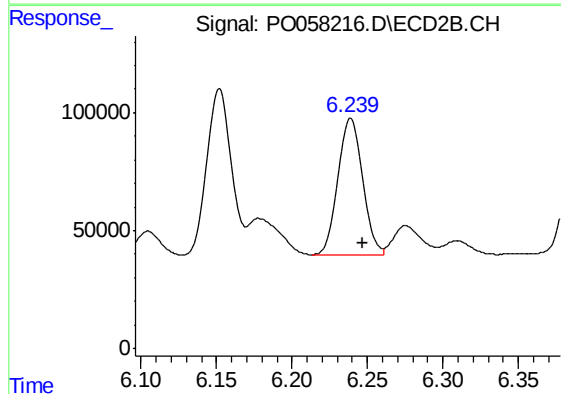
R.T.: 6.050 min
Delta R.T.: -0.010 min
Response: 550355
Conc: 271.75 ng/ml



#32 AR-1260-2

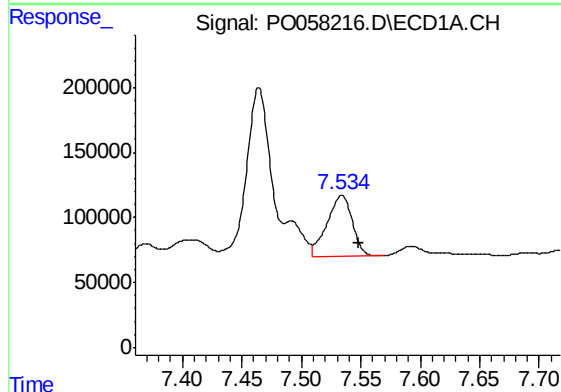
R.T.: 7.180 min
Delta R.T.: -0.014 min
Response: 1122405
Conc: 319.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



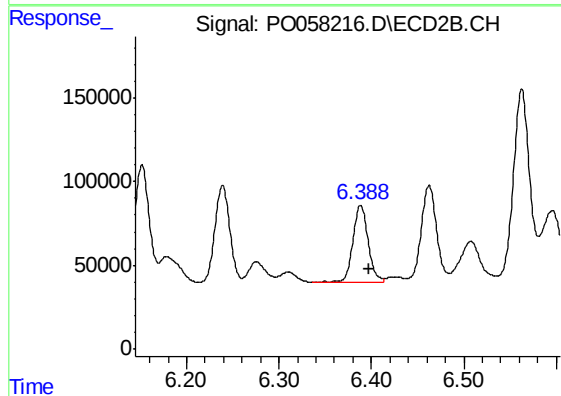
#32 AR-1260-2

R.T.: 6.239 min
Delta R.T.: -0.008 min
Response: 656074
Conc: 255.12 ng/ml



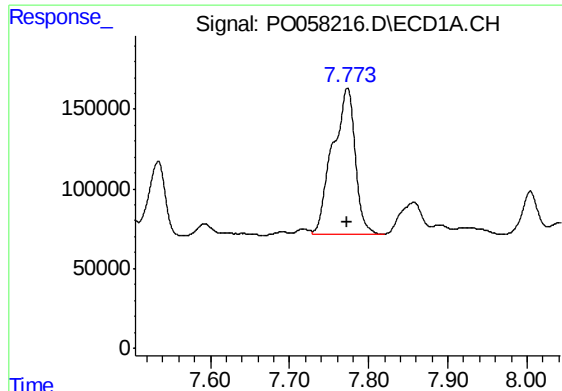
#33 AR-1260-3

R.T.: 7.534 min
Delta R.T.: -0.014 min
Response: 688042
Conc: 234.33 ng/ml



#33 AR-1260-3

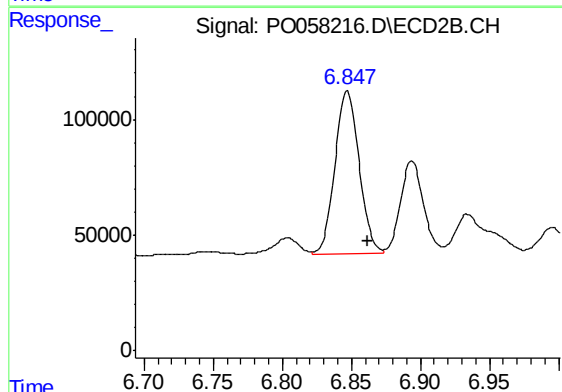
R.T.: 6.388 min
Delta R.T.: -0.008 min
Response: 524848
Conc: 230.12 ng/ml



#34 AR-1260-4

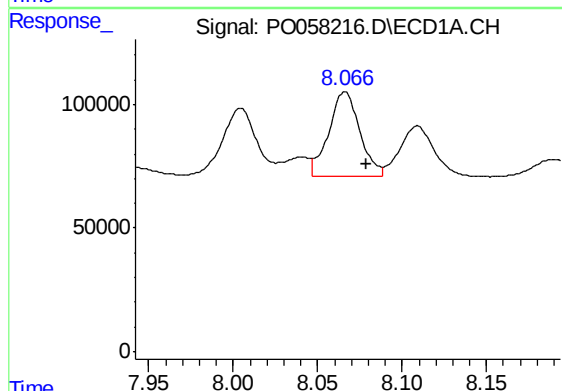
R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 1825992
Conc: 668.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



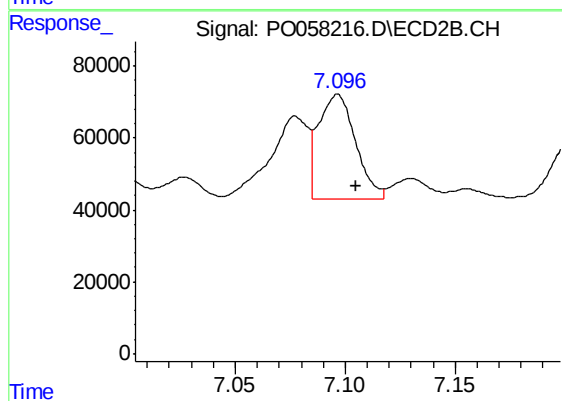
#34 AR-1260-4

R.T.: 6.847 min
Delta R.T.: -0.015 min
Response: 861342
Conc: 444.85 ng/ml



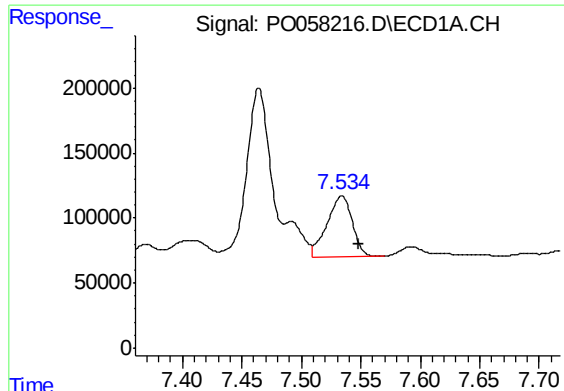
#35 AR-1260-5

R.T.: 8.066 min
Delta R.T.: -0.013 min
Response: 442773
Conc: 76.32 ng/ml



#35 AR-1260-5

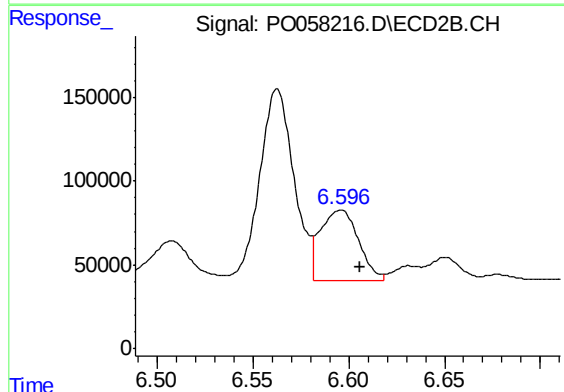
R.T.: 7.096 min
Delta R.T.: -0.008 min
Response: 340735
Conc: 74.03 ng/ml



#36 AR-1262-1

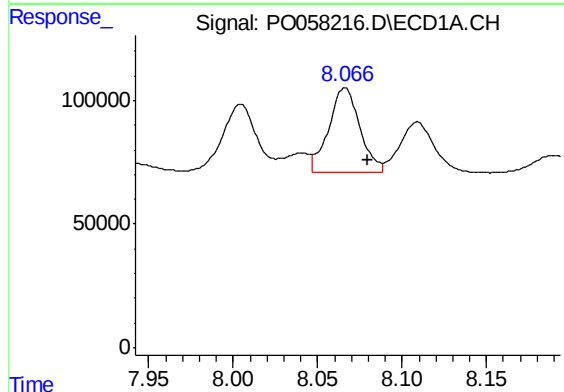
R.T.: 7.534 min
Delta R.T.: -0.014 min
Response: 688042
Conc: 124.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



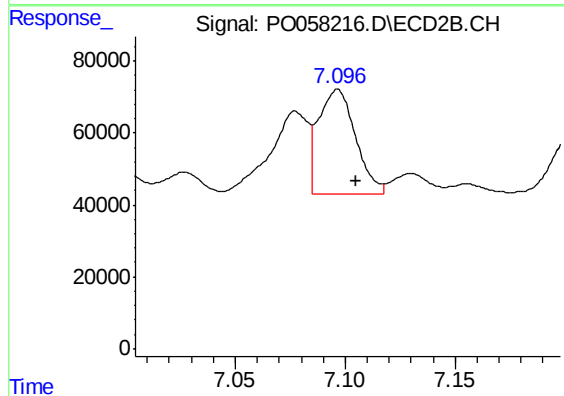
#36 AR-1262-1

R.T.: 6.596 min
Delta R.T.: -0.010 min
Response: 585096
Conc: 147.30 ng/ml



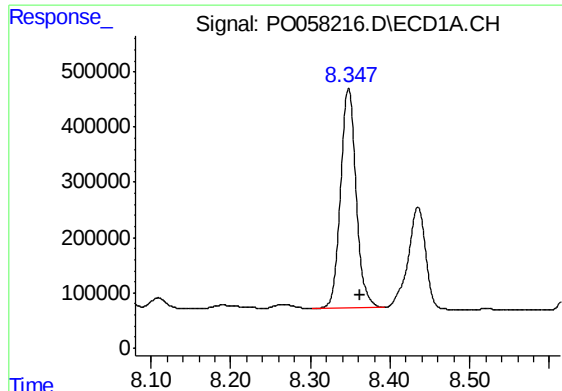
#37 AR-1262-2

R.T.: 8.066 min
Delta R.T.: -0.013 min
Response: 442773
Conc: 52.07 ng/ml



#37 AR-1262-2

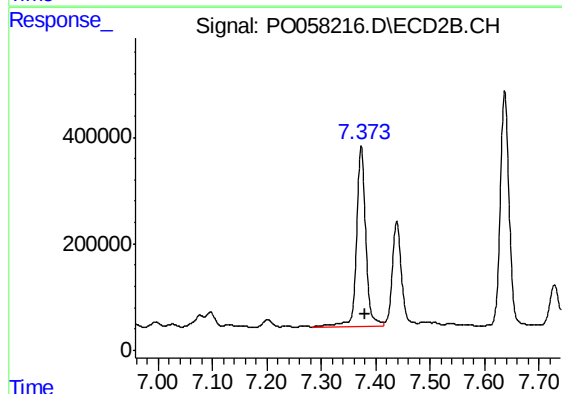
R.T.: 7.096 min
Delta R.T.: -0.009 min
Response: 340735
Conc: 52.75 ng/ml



#38 AR-1262-3

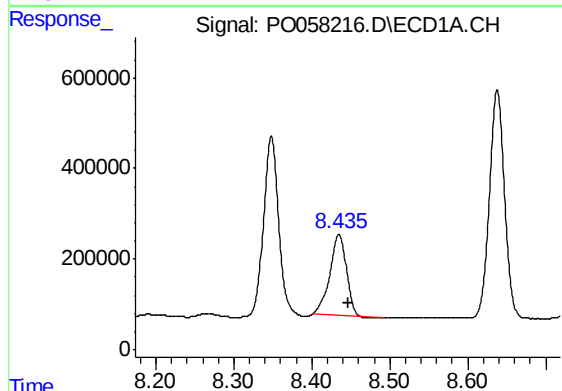
R.T.: 8.348 min
Delta R.T.: -0.015 min
Response: 5385398
Conc: 956.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



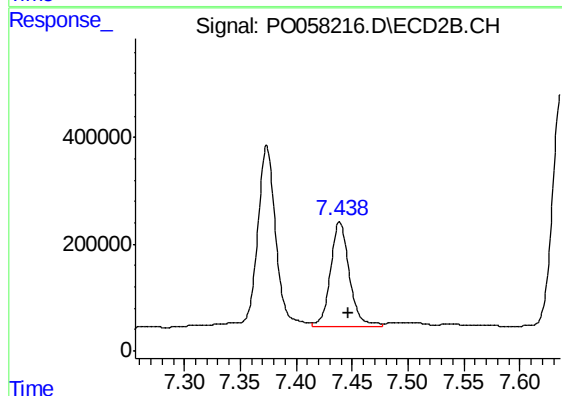
#38 AR-1262-3

R.T.: 7.374 min
Delta R.T.: -0.008 min
Response: 3957742
Conc: 1435.86 ng/ml



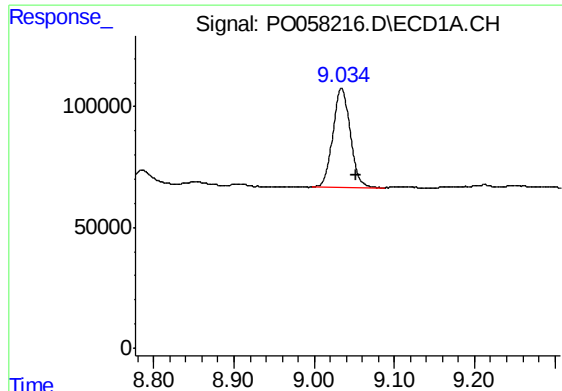
#39 AR-1262-4

R.T.: 8.435 min
Delta R.T.: -0.012 min
Response: 2639023
Conc: 578.42 ng/ml



#39 AR-1262-4

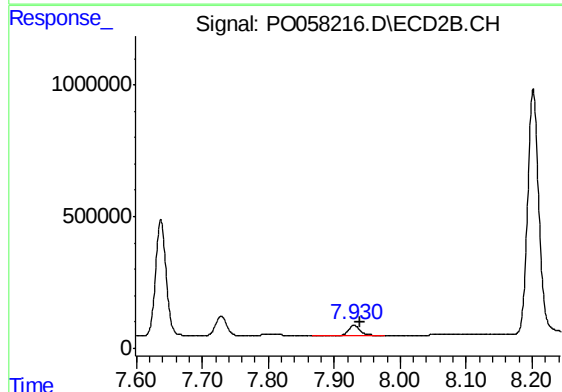
R.T.: 7.439 min
Delta R.T.: -0.008 min
Response: 2316168
Conc: 485.09 ng/ml



#40 AR-1262-5

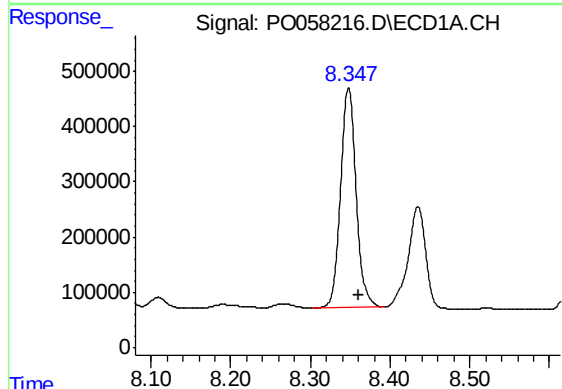
R.T.: 9.034 min
Delta R.T.: -0.018 min
Response: 628235
Conc: 226.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



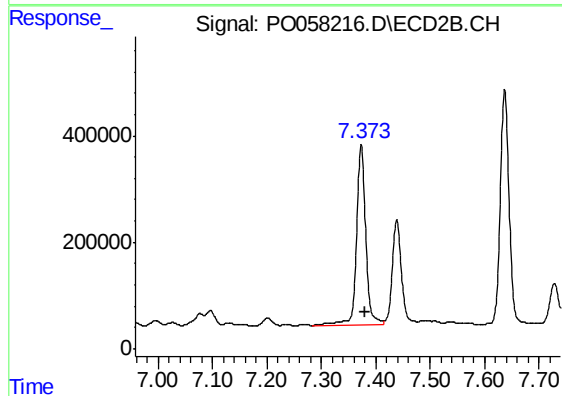
#40 AR-1262-5

R.T.: 7.930 min
Delta R.T.: -0.009 min
Response: 460828
Conc: 231.70 ng/ml



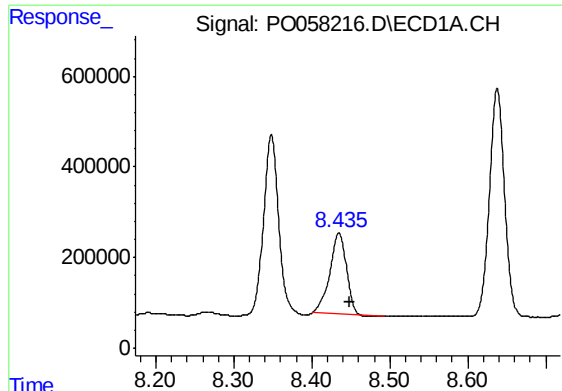
#41 AR-1268-1

R.T.: 8.348 min
Delta R.T.: -0.013 min
Response: 5385398
Conc: 523.73 ng/ml



#41 AR-1268-1

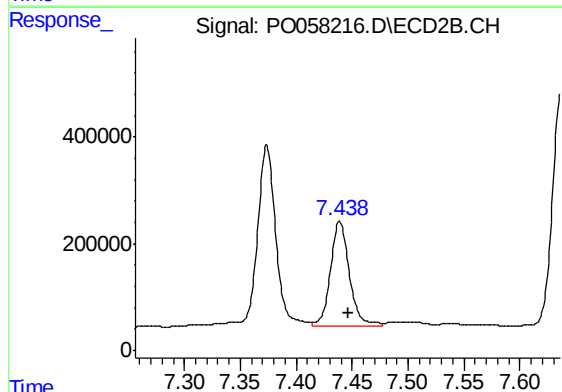
R.T.: 7.374 min
Delta R.T.: -0.008 min
Response: 3957742
Conc: 506.95 ng/ml



#42 AR-1268-2

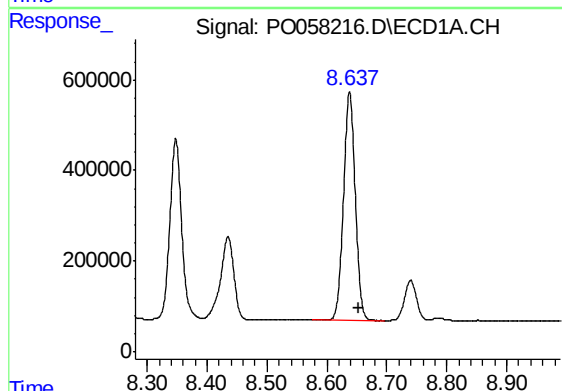
R.T.: 8.435 min
Delta R.T.: -0.014 min
Response: 2639023
Conc: 288.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



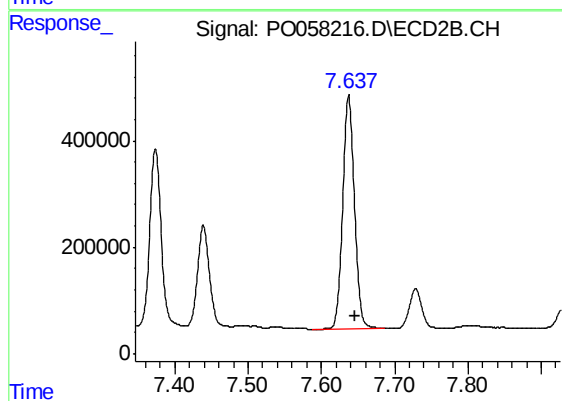
#42 AR-1268-2

R.T.: 7.439 min
Delta R.T.: -0.008 min
Response: 2316168
Conc: 325.07 ng/ml



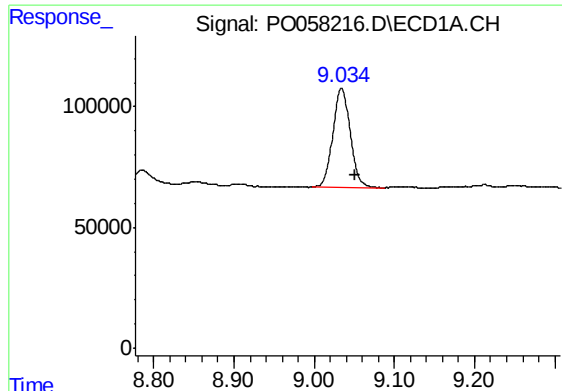
#43 AR-1268-3

R.T.: 8.638 min
Delta R.T.: -0.015 min
Response: 6831244
Conc: 855.37 ng/ml



#43 AR-1268-3

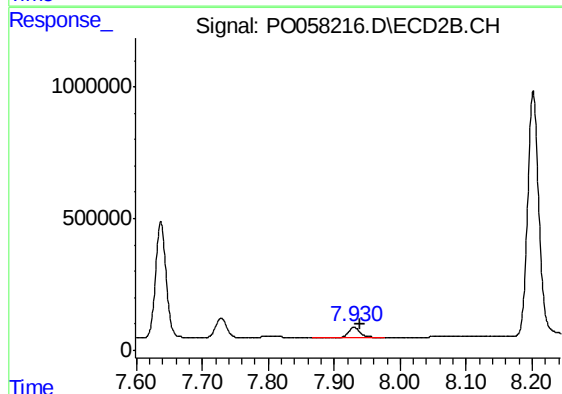
R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 4892599
Conc: 812.24 ng/ml



#44 AR-1268-4

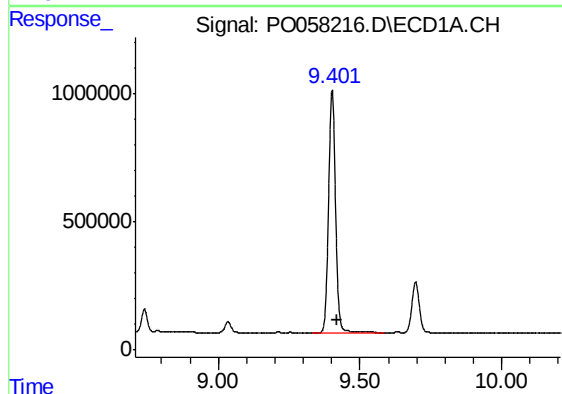
R.T.: 9.034 min
Delta R.T.: -0.016 min
Response: 628235
Conc: 212.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10RE



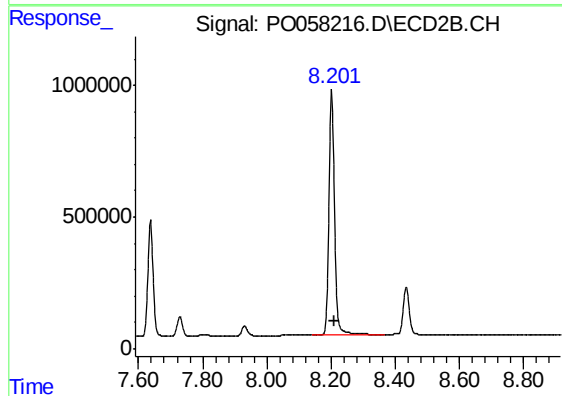
#44 AR-1268-4

R.T.: 7.930 min
Delta R.T.: -0.008 min
Response: 460828
Conc: 220.30 ng/ml



#45 AR-1268-5

R.T.: 9.402 min
Delta R.T.: -0.018 min
Response: 16201742
Conc: 743.78 ng/ml



#45 AR-1268-5

R.T.: 8.202 min
Delta R.T.: -0.009 min
Response: 11256338
Conc: 675.00 ng/ml