

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090619\
 Data File : P0060461.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Sep 2019 00:53
 Operator : SM/AJ
 Sample : K4661-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 04:36:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 06 17:58:59 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...	4.102	3.486	1282924	1069581	36.642	29.714
2)	SA Decachlor...	9.547	8.391	935332	69336	17.581	1.720 #
Target Compounds							
3)	L1 AR-1016-1	5.255	4.533	151674	46716	94.567	34.555 #
4)	L1 AR-1016-2	5.255	4.558	151674	102978	63.396	51.412
5)	L1 AR-1016-3	5.333	4.727	13907	109104	9.337	100.849 #
6)	L1 AR-1016-4	5.457	4.763	-3085	81641	N.D.	90.411 #
7)	L1 AR-1016-5	5.715	4.982	228204	72111	177.709	62.600 #
8)	L2 AR-1221-1	4.372	0.000	30844	0	72.836	N.D. #
9)	L2 AR-1221-2	4.402	0.000	64347	0	198.116	N.D. #
10)	L2 AR-1221-3	4.478	3.893	48665	100837	46.265	103.058 #
11)	L3 AR-1232-1	4.478	3.893	48665	100837	39.043	88.443 #
12)	L3 AR-1232-2	4.984	4.558	109505	102978	155.019	80.857 #
13)	L3 AR-1232-3	5.333	4.727	13907	109104	9.082	160.232 #
14)	L3 AR-1232-4	5.537	4.826	10021	173149	12.816	283.824 #
15)	L3 AR-1232-5	5.558	4.982	18066	72111	30.053	105.931 #
16)	L4 AR-1242-1	5.333	4.558	13907	102978	10.955	100.109 #
17)	L4 AR-1242-2	5.333	4.558	13907	102978	7.495	67.611 #
18)	L4 AR-1242-3	5.333	4.727	13907	109104	11.898	130.585 #
19)	L4 AR-1242-4	5.537	4.826	10021	173149	10.353	207.517 #
20)	L4 AR-1242-5	6.231	5.326	448680	1551044	357.059	1386.590 #
21)	L5 AR-1248-1	5.255	4.558	151674	102978	151.288	124.366
22)	L5 AR-1248-2	5.537	4.763	10021	81641	6.906	70.799 #
23)	L5 AR-1248-3	5.715	4.826	228204	173149	137.303	145.779
24)	L5 AR-1248-4	6.159	4.982	514823	72111	251.858	49.626 #
25)	L5 AR-1248-5	6.179	5.326	312957	1551044	157.814	1083.672 #
26)	L6 AR-1254-1	6.096	5.326	2697558	1551044	1292.914	653.952 #
27)	L6 AR-1254-2	6.309	5.458	1779528	269589	533.392	128.479 #
28)	L6 AR-1254-3	6.662	5.850	1155835	342387	325.729	101.825 #
29)	L6 AR-1254-4	6.984	6.077	207339	76431	70.391	37.069 #
30)	L6 AR-1254-5	7.361	6.483	601596	517330	194.541	166.613
31)	L7 AR-1260-1	6.819	5.975	599042	242468	222.211	106.397 #
32)	L7 AR-1260-2	7.067	6.165	3212108	348811	865.685	119.053 #
33)	L7 AR-1260-3	7.420	6.310	691055	396694	210.923	149.745 #
34)	L7 AR-1260-4	7.656	6.772	362771	298051	118.116	131.730
35)	L7 AR-1260-5	7.963	7.016	628806	497954	88.803	90.483
36)	L8 AR-1262-1	7.487	6.550	251132	102971	51.749	27.624 #
37)	L8 AR-1262-2	8.006	7.016	110417	497954	14.310	84.700 #
38)	L8 AR-1262-3	8.309	7.289	367116	189195	71.951	74.458
39)	L8 AR-1262-4	8.309	7.355	367116	340282	95.238	77.005
40)	L8 AR-1262-5	8.910	7.846	293301	156955	114.278	86.929
41)	L9 AR-1268-1	8.309	7.289	367116	189195	39.011	26.569 #

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 Sample : K4661-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

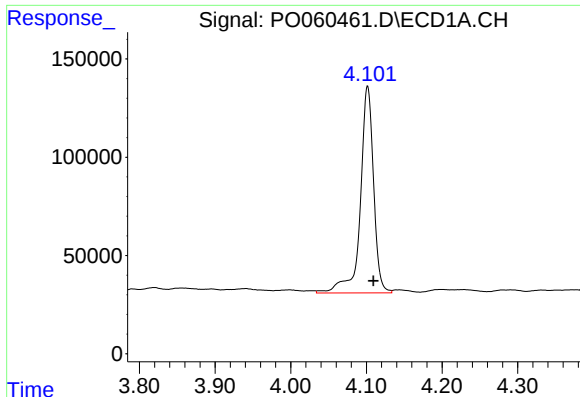
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 04:36:10 2019
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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	8.309	7.355	367116	340282	46.572	52.773
43) L9	AR-1268-3	8.594	7.547	19149	20173	2.717	3.687 #
44) L9	AR-1268-4	8.910	7.846	293301	156955	105.502	76.890 #
45) L9	AR-1268-5	9.357	8.112	18389	89578	0.997	6.165 #

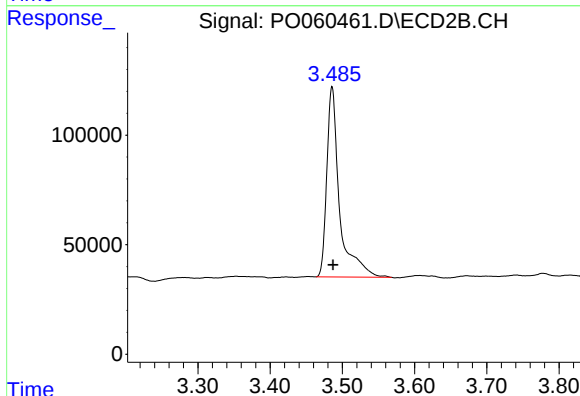
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

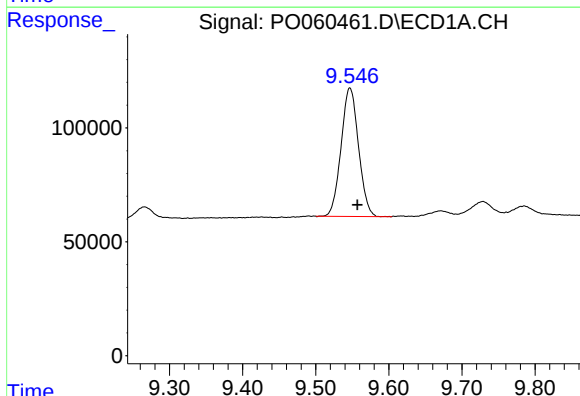
R.T.: 4.102 min
Delta R.T.: -0.007 min
Response: 1282924
Conc: 36.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



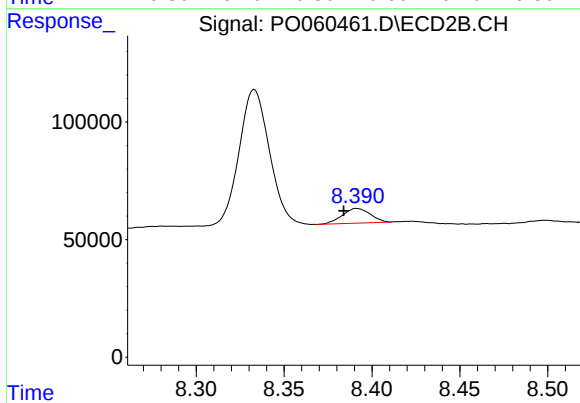
#1 Tetrachloro-m-xylene

R.T.: 3.486 min
Delta R.T.: -0.001 min
Response: 1069581
Conc: 29.71 ng/ml



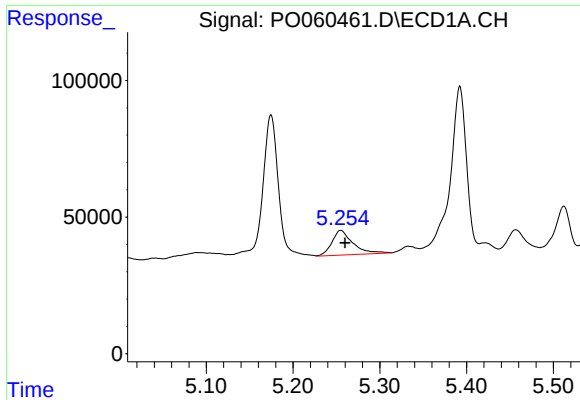
#2 Decachlorobiphenyl

R.T.: 9.547 min
Delta R.T.: -0.010 min
Response: 935332
Conc: 17.58 ng/ml



#2 Decachlorobiphenyl

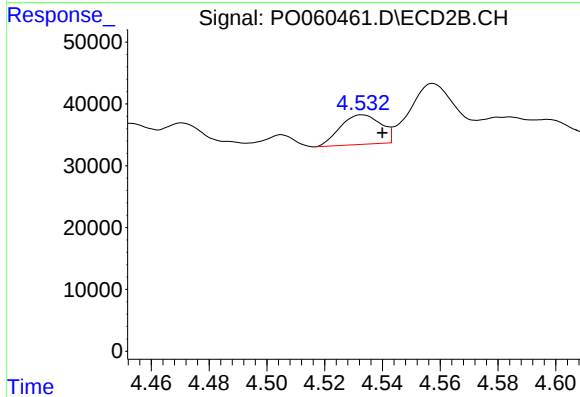
R.T.: 8.391 min
Delta R.T.: 0.007 min
Response: 69336
Conc: 1.72 ng/ml



#3 AR-1016-1

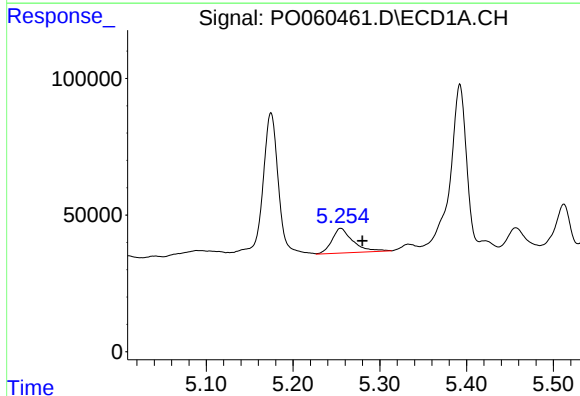
R.T.: 5.255 min
Delta R.T.: -0.005 min
Response: 151674
Conc: 94.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



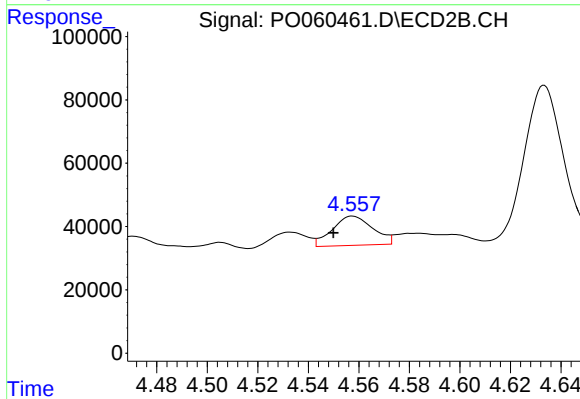
#3 AR-1016-1

R.T.: 4.533 min
Delta R.T.: -0.007 min
Response: 46716
Conc: 34.55 ng/ml



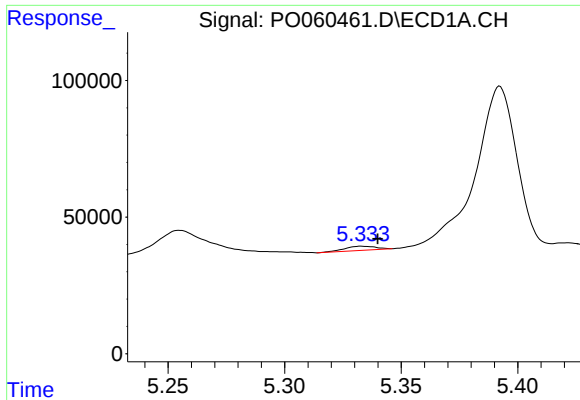
#4 AR-1016-2

R.T.: 5.255 min
Delta R.T.: -0.025 min
Response: 151674
Conc: 63.40 ng/ml



#4 AR-1016-2

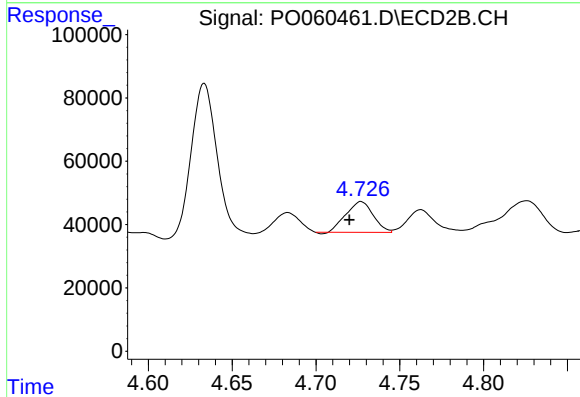
R.T.: 4.558 min
Delta R.T.: 0.008 min
Response: 102978
Conc: 51.41 ng/ml



#5 AR-1016-3

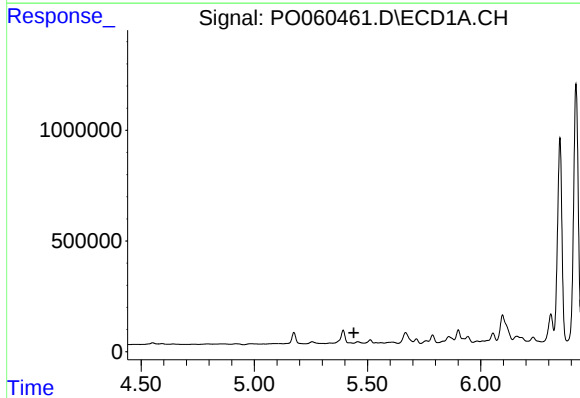
R.T.: 5.333 min
Delta R.T.: -0.007 min
Response: 13907
Conc: 9.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



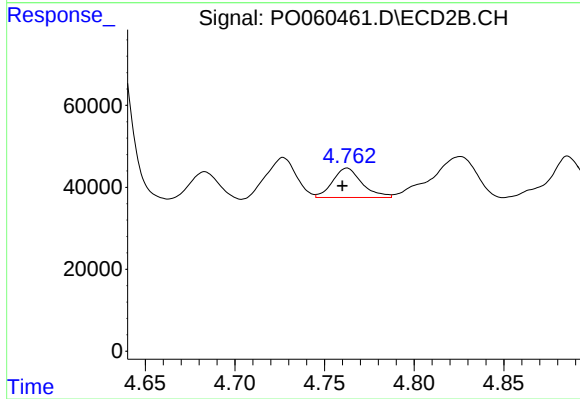
#5 AR-1016-3

R.T.: 4.727 min
Delta R.T.: 0.007 min
Response: 109104
Conc: 100.85 ng/ml



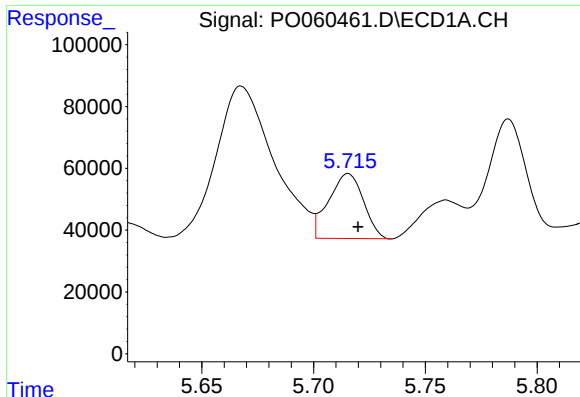
#6 AR-1016-4

R.T.: 5.457 min
Delta R.T.: 0.017 min
Response: -3085
Conc: N.D.



#6 AR-1016-4

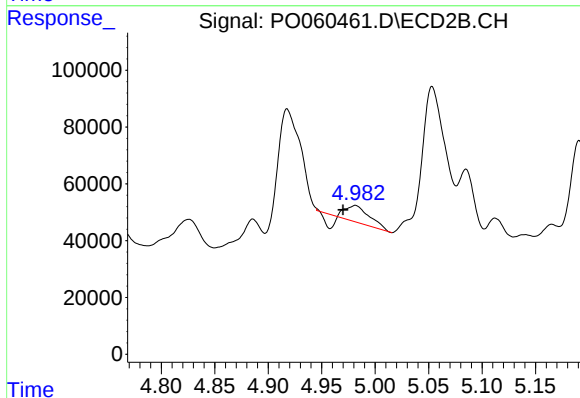
R.T.: 4.763 min
Delta R.T.: 0.003 min
Response: 81641
Conc: 90.41 ng/ml



#7 AR-1016-5

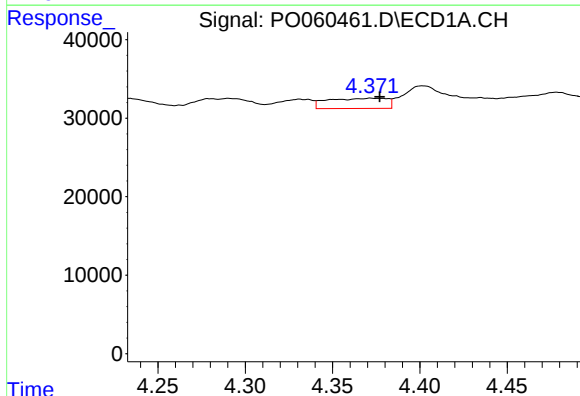
R.T.: 5.715 min
Delta R.T.: -0.005 min
Response: 228204
Conc: 177.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



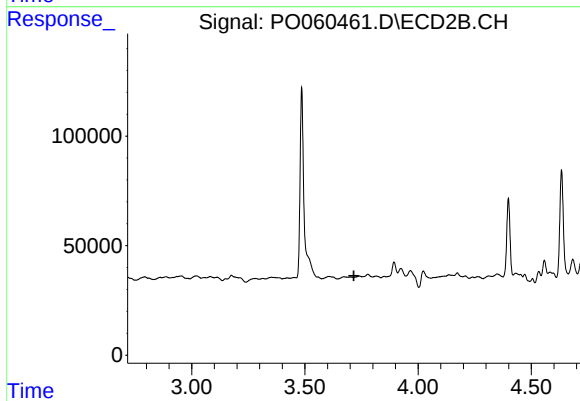
#7 AR-1016-5

R.T.: 4.982 min
Delta R.T.: 0.012 min
Response: 72111
Conc: 62.60 ng/ml



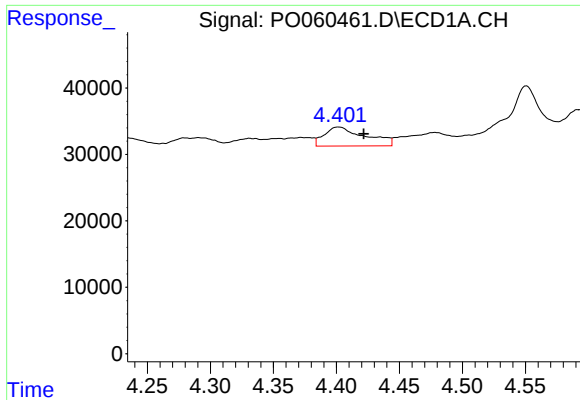
#8 AR-1221-1

R.T.: 4.372 min
Delta R.T.: -0.005 min
Response: 30844
Conc: 72.84 ng/ml



#8 AR-1221-1

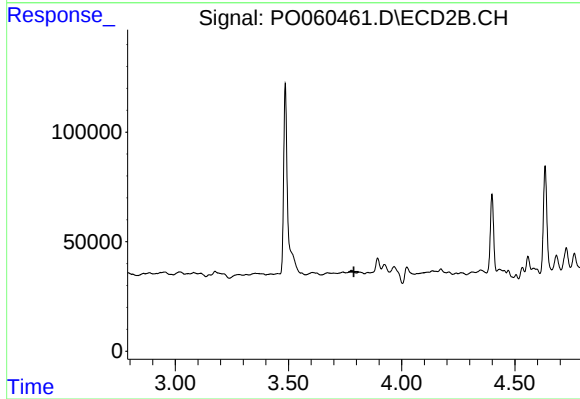
R.T.: 0.000 min
Exp R.T.: 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

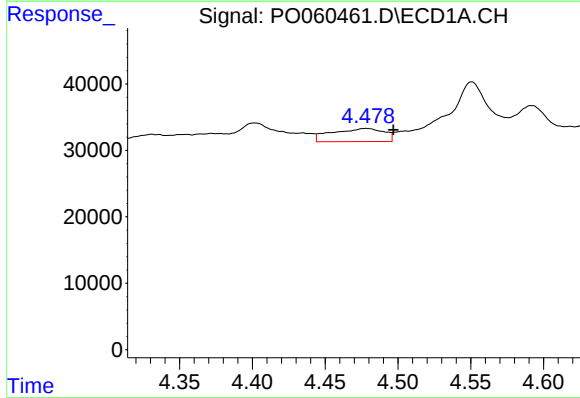
R.T.: 4.402 min
Delta R.T.: -0.020 min
Response: 64347
Conc: 198.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



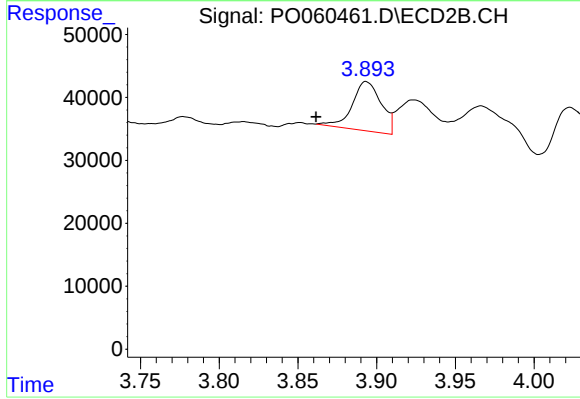
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



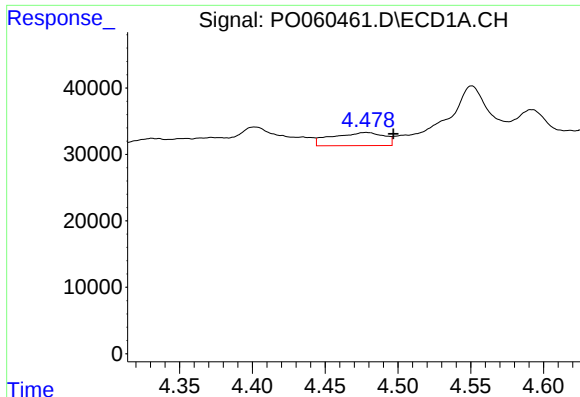
#10 AR-1221-3

R.T.: 4.478 min
Delta R.T.: -0.018 min
Response: 48665
Conc: 46.27 ng/ml



#10 AR-1221-3

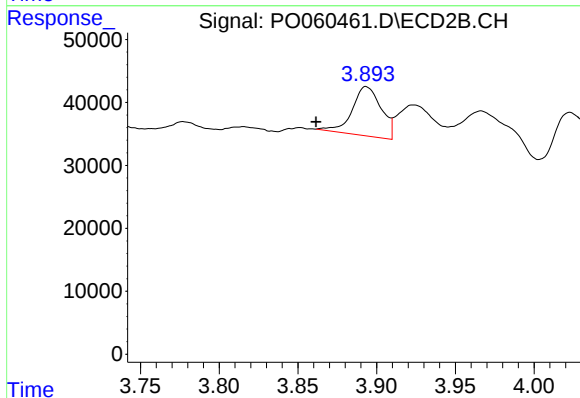
R.T.: 3.893 min
Delta R.T.: 0.032 min
Response: 100837
Conc: 103.06 ng/ml



#11 AR-1232-1

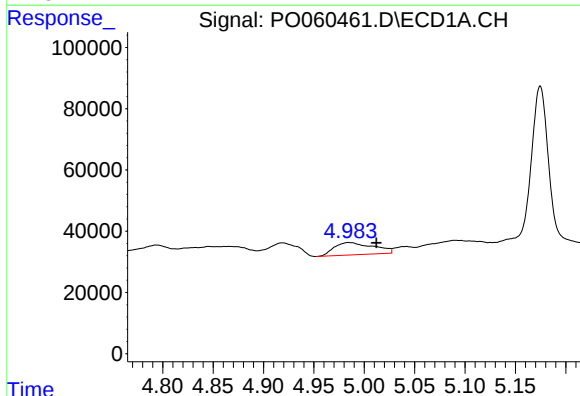
R.T.: 4.478 min
Delta R.T.: -0.018 min
Response: 48665
Conc: 39.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



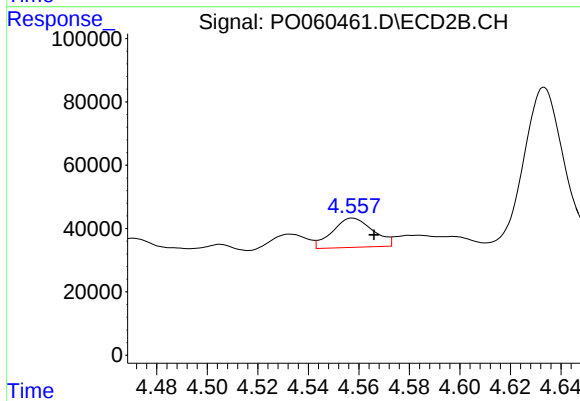
#11 AR-1232-1

R.T.: 3.893 min
Delta R.T.: 0.032 min
Response: 100837
Conc: 88.44 ng/ml



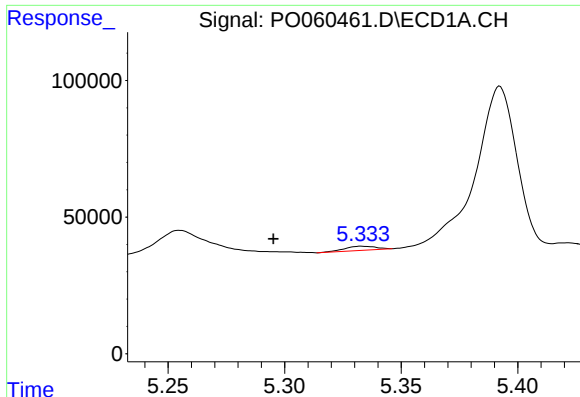
#12 AR-1232-2

R.T.: 4.984 min
Delta R.T.: -0.028 min
Response: 109505
Conc: 155.02 ng/ml



#12 AR-1232-2

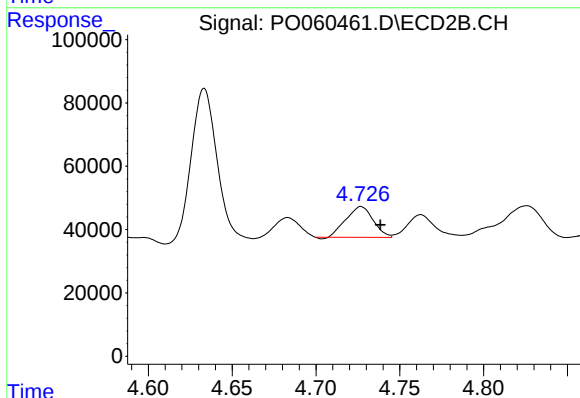
R.T.: 4.558 min
Delta R.T.: -0.008 min
Response: 102978
Conc: 80.86 ng/ml



#13 AR-1232-3

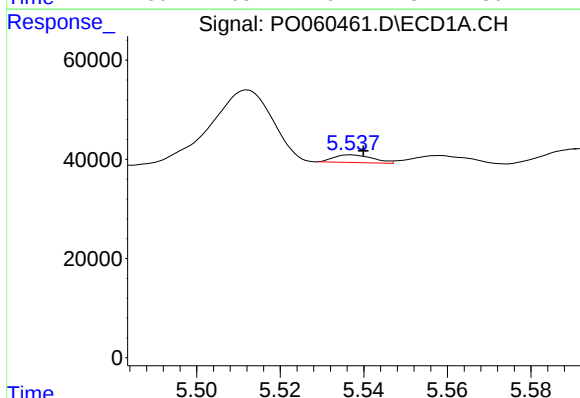
R.T.: 5.333 min
Delta R.T.: 0.038 min
Response: 13907
Conc: 9.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



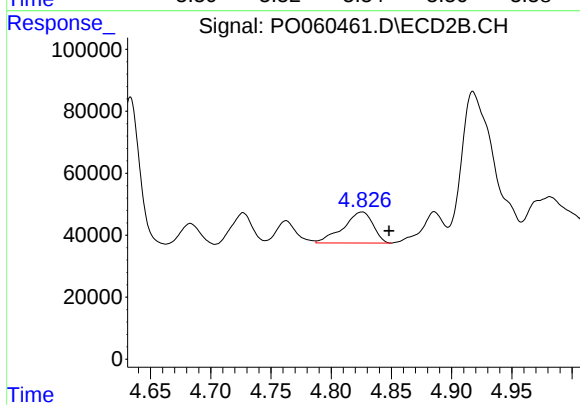
#13 AR-1232-3

R.T.: 4.727 min
Delta R.T.: -0.011 min
Response: 109104
Conc: 160.23 ng/ml



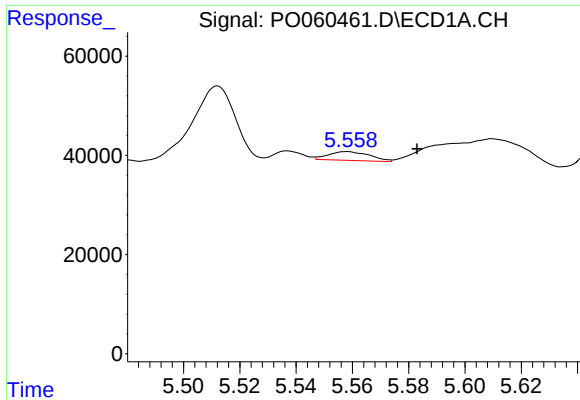
#14 AR-1232-4

R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 10021
Conc: 12.82 ng/ml



#14 AR-1232-4

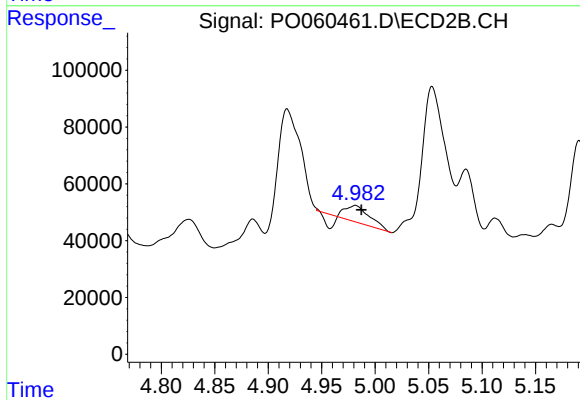
R.T.: 4.826 min
Delta R.T.: -0.022 min
Response: 173149
Conc: 283.82 ng/ml



#15 AR-1232-5

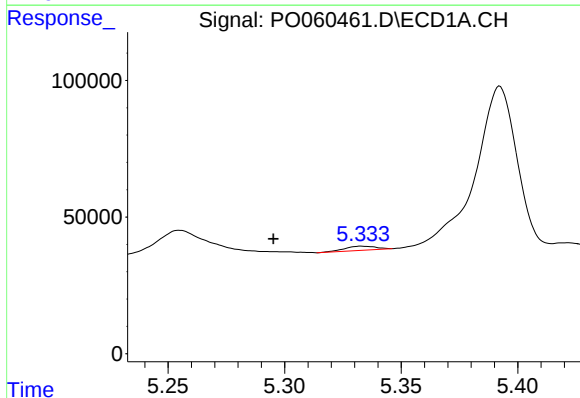
R.T.: 5.558 min
Delta R.T.: -0.025 min
Response: 18066
Conc: 30.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



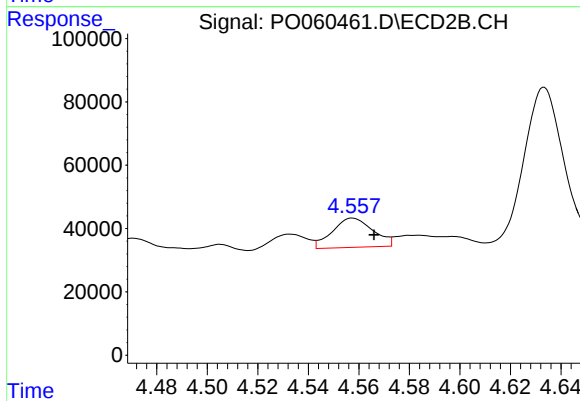
#15 AR-1232-5

R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 72111
Conc: 105.93 ng/ml



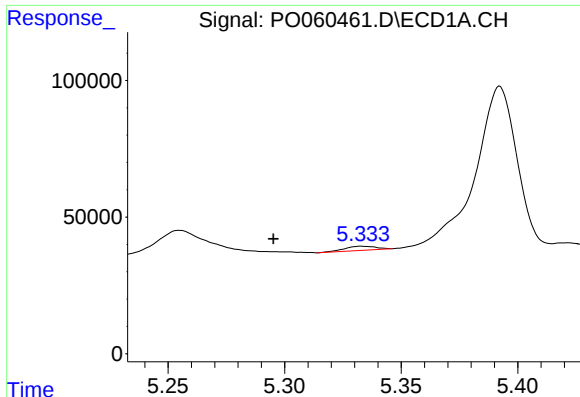
#16 AR-1242-1

R.T.: 5.333 min
Delta R.T.: 0.038 min
Response: 13907
Conc: 10.95 ng/ml



#16 AR-1242-1

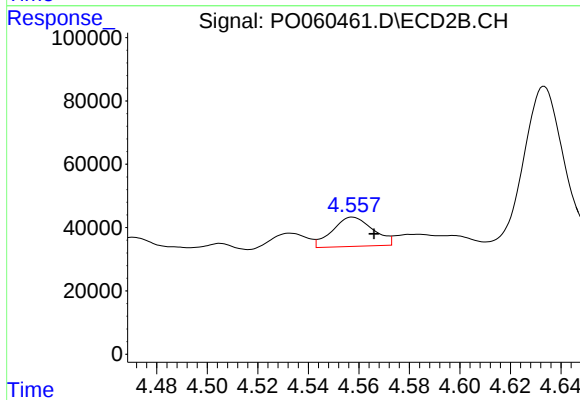
R.T.: 4.558 min
Delta R.T.: -0.008 min
Response: 102978
Conc: 100.11 ng/ml



#17 AR-1242-2

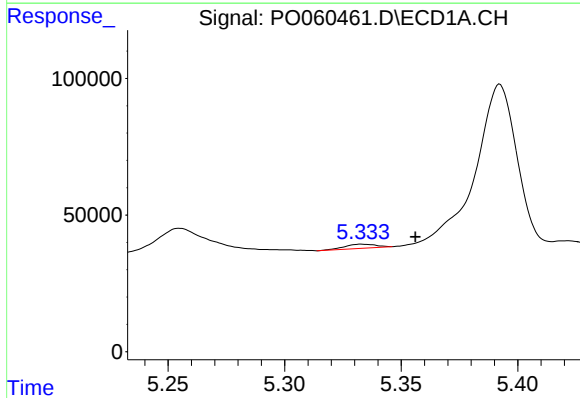
R.T.: 5.333 min
Delta R.T.: 0.038 min
Response: 13907
Conc: 7.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



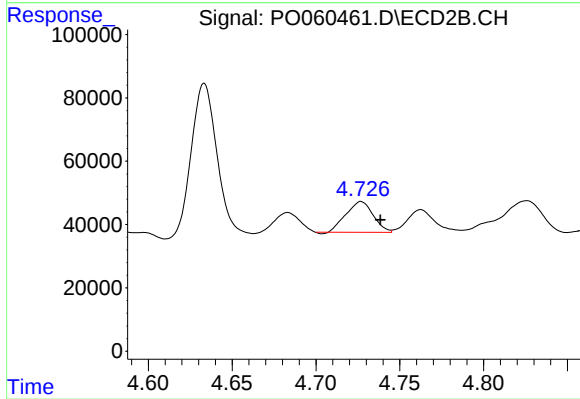
#17 AR-1242-2

R.T.: 4.558 min
Delta R.T.: -0.008 min
Response: 102978
Conc: 67.61 ng/ml



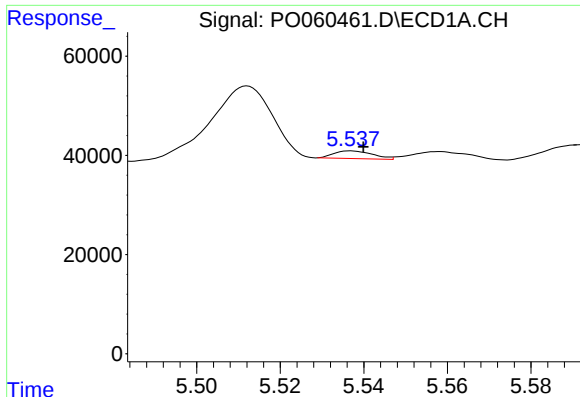
#18 AR-1242-3

R.T.: 5.333 min
Delta R.T.: -0.023 min
Response: 13907
Conc: 11.90 ng/ml



#18 AR-1242-3

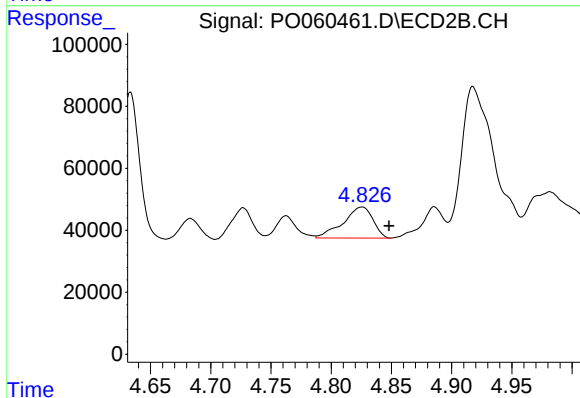
R.T.: 4.727 min
Delta R.T.: -0.011 min
Response: 109104
Conc: 130.58 ng/ml



#19 AR-1242-4

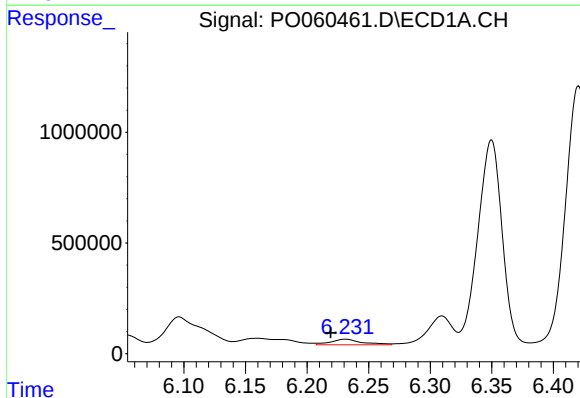
R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 10021
Conc: 10.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



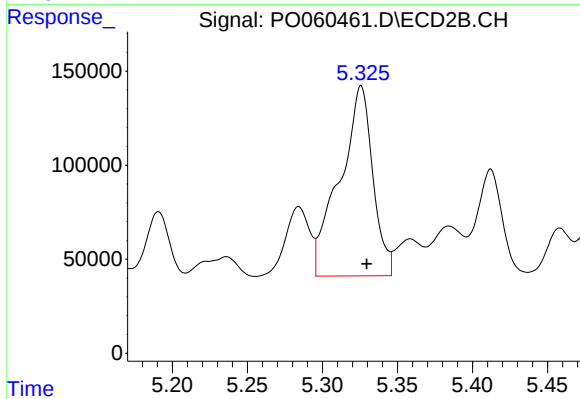
#19 AR-1242-4

R.T.: 4.826 min
Delta R.T.: -0.022 min
Response: 173149
Conc: 207.52 ng/ml



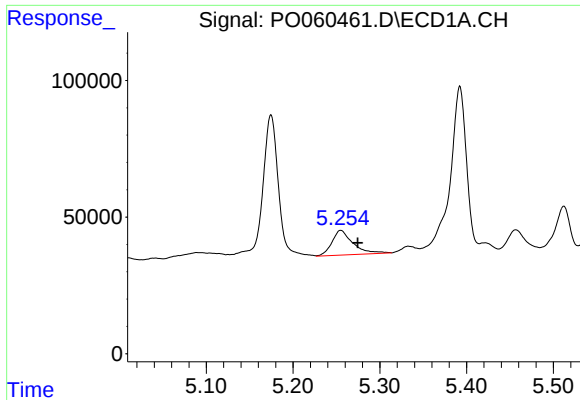
#20 AR-1242-5

R.T.: 6.231 min
Delta R.T.: 0.012 min
Response: 448680
Conc: 357.06 ng/ml



#20 AR-1242-5

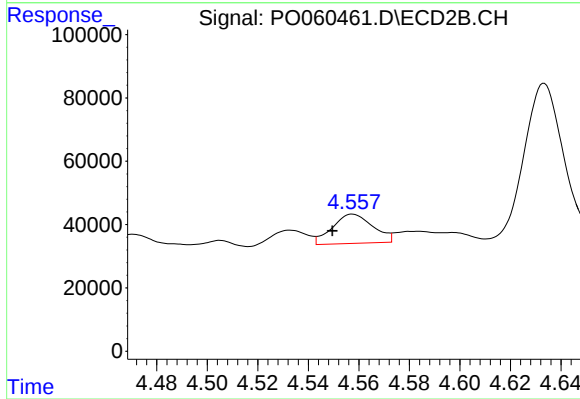
R.T.: 5.326 min
Delta R.T.: -0.004 min
Response: 1551044
Conc: 1386.59 ng/ml



#21 AR-1248-1

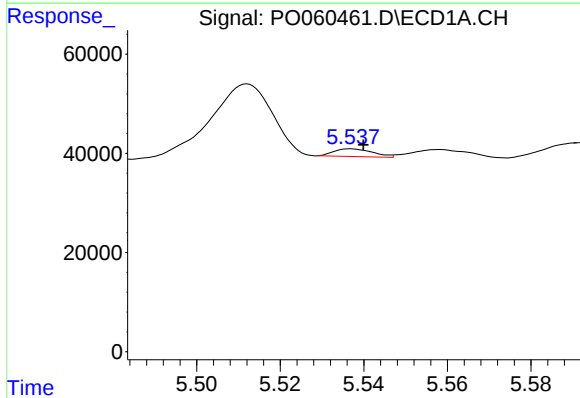
R.T.: 5.255 min
Delta R.T.: -0.019 min
Response: 151674
Conc: 151.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



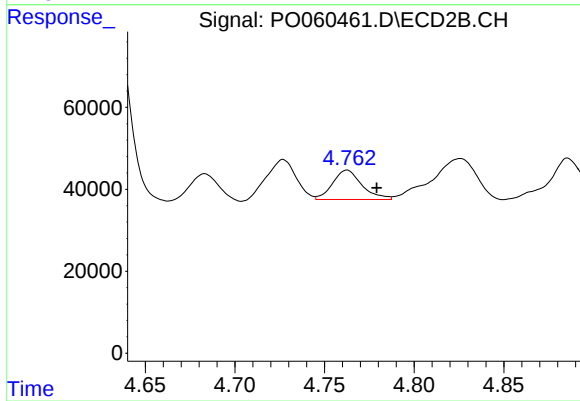
#21 AR-1248-1

R.T.: 4.558 min
Delta R.T.: 0.008 min
Response: 102978
Conc: 124.37 ng/ml



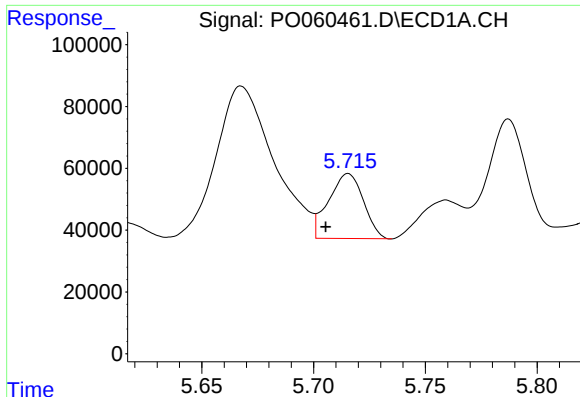
#22 AR-1248-2

R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 10021
Conc: 6.91 ng/ml



#22 AR-1248-2

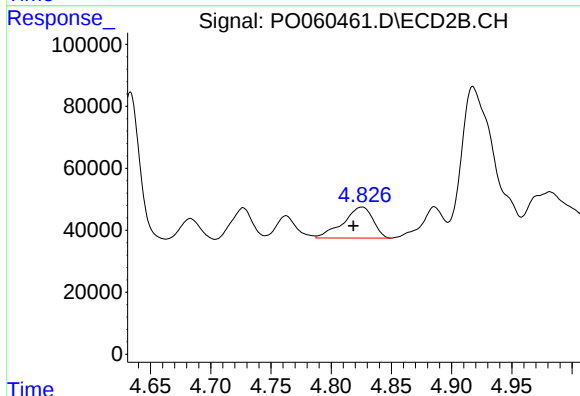
R.T.: 4.763 min
Delta R.T.: -0.016 min
Response: 81641
Conc: 70.80 ng/ml



#23 AR-1248-3

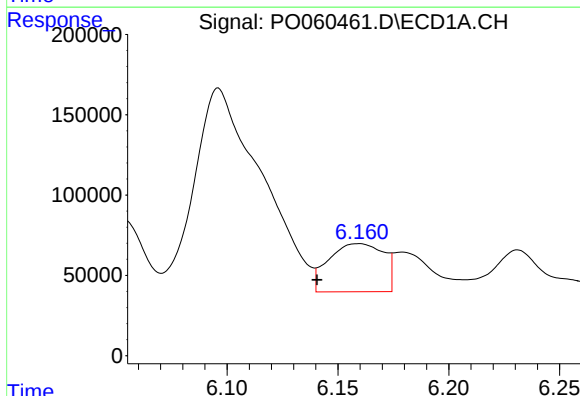
R.T.: 5.715 min
Delta R.T.: 0.010 min
Response: 228204
Conc: 137.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



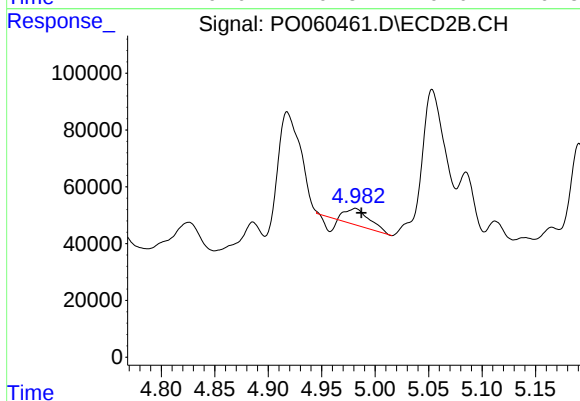
#23 AR-1248-3

R.T.: 4.826 min
Delta R.T.: 0.007 min
Response: 173149
Conc: 145.78 ng/ml



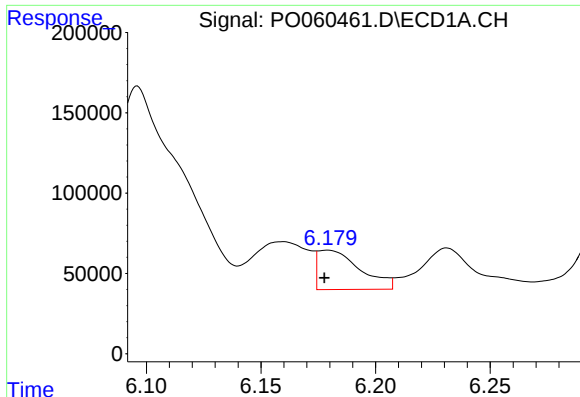
#24 AR-1248-4

R.T.: 6.159 min
Delta R.T.: 0.019 min
Response: 514823
Conc: 251.86 ng/ml



#24 AR-1248-4

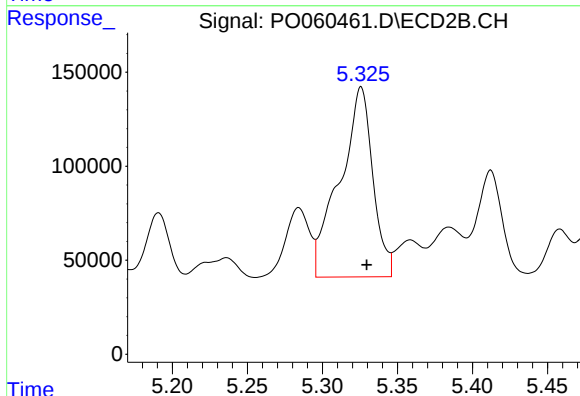
R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 72111
Conc: 49.63 ng/ml



#25 AR-1248-5

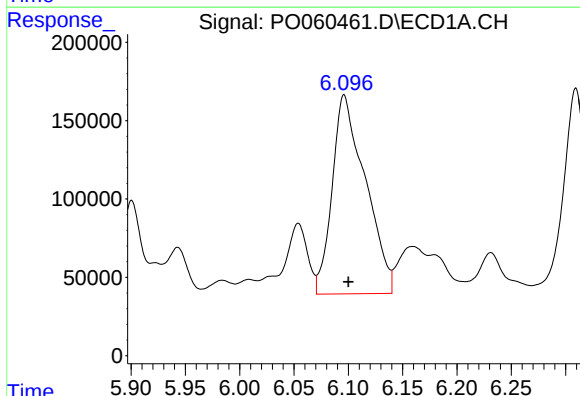
R.T.: 6.179 min
Delta R.T.: 0.001 min
Response: 312957
Conc: 157.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



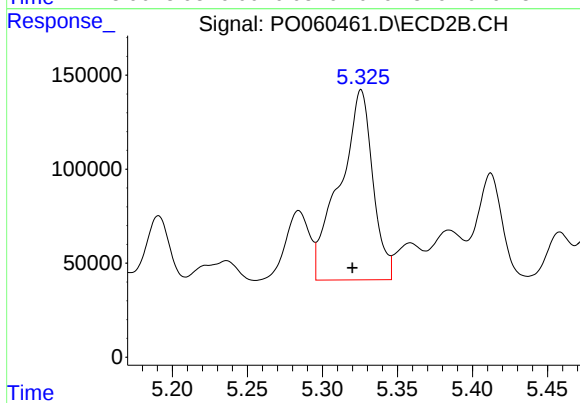
#25 AR-1248-5

R.T.: 5.326 min
Delta R.T.: -0.004 min
Response: 1551044
Conc: 1083.67 ng/ml



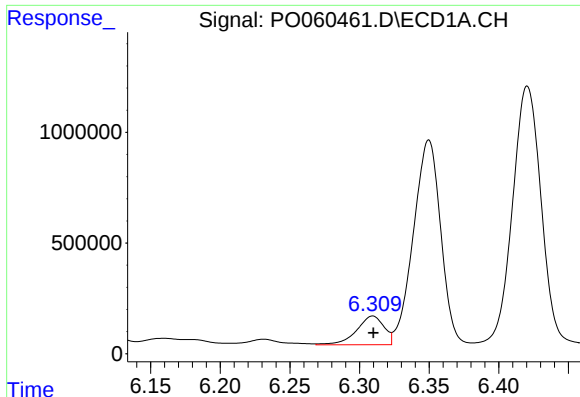
#26 AR-1254-1

R.T.: 6.096 min
Delta R.T.: -0.004 min
Response: 2697558
Conc: 1292.91 ng/ml



#26 AR-1254-1

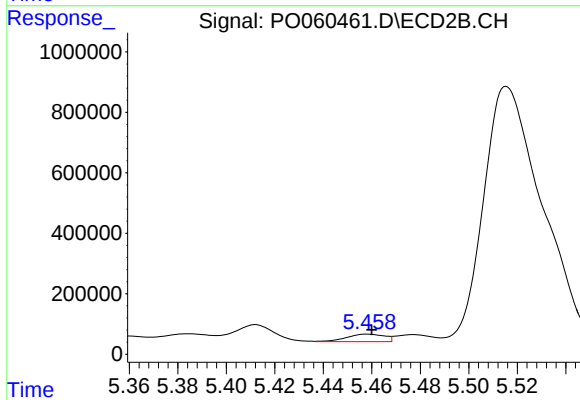
R.T.: 5.326 min
Delta R.T.: 0.006 min
Response: 1551044
Conc: 653.95 ng/ml



#27 AR-1254-2

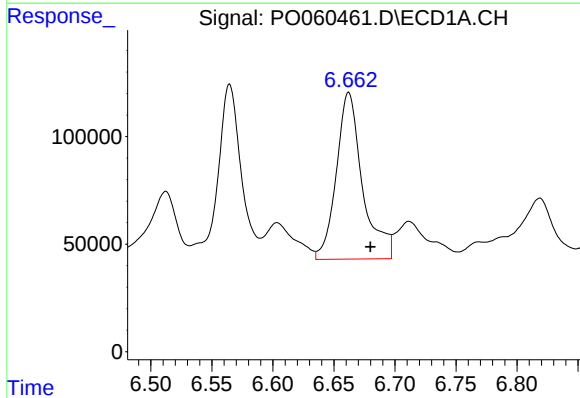
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 1779528
Conc: 533.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



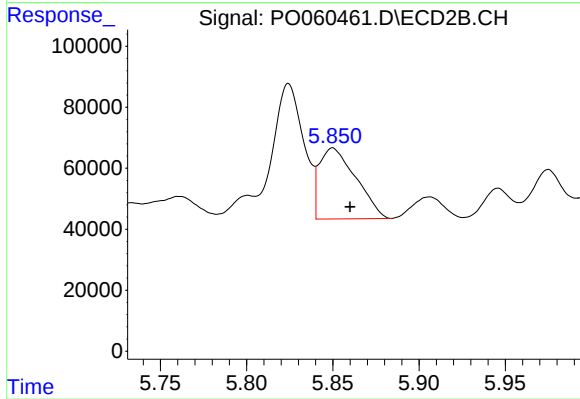
#27 AR-1254-2

R.T.: 5.458 min
Delta R.T.: -0.002 min
Response: 269589
Conc: 128.48 ng/ml



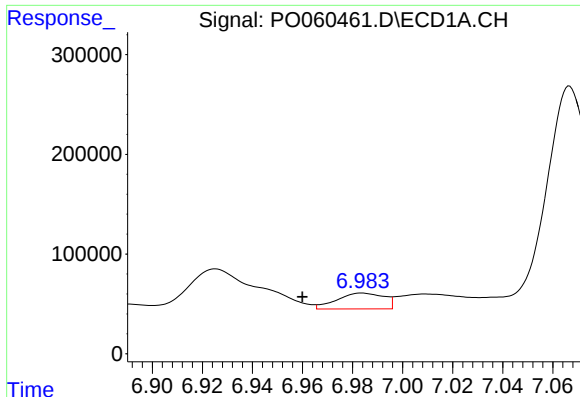
#28 AR-1254-3

R.T.: 6.662 min
Delta R.T.: -0.018 min
Response: 1155835
Conc: 325.73 ng/ml



#28 AR-1254-3

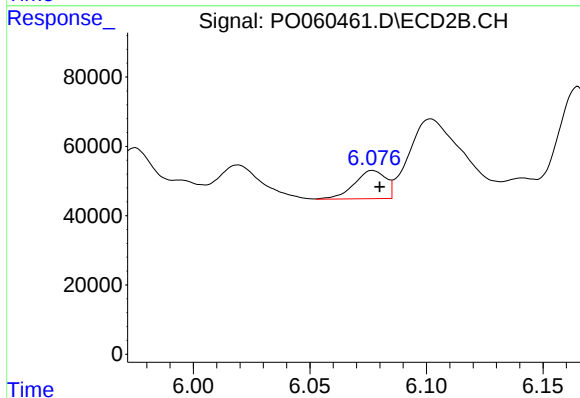
R.T.: 5.850 min
Delta R.T.: -0.010 min
Response: 342387
Conc: 101.82 ng/ml



#29 AR-1254-4

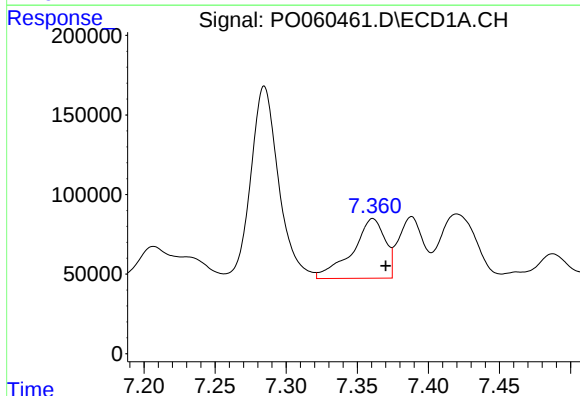
R.T.: 6.984 min
Delta R.T.: 0.024 min
Response: 207339
Conc: 70.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



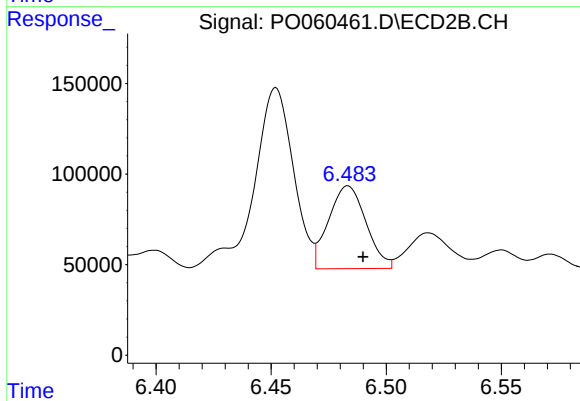
#29 AR-1254-4

R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 76431
Conc: 37.07 ng/ml



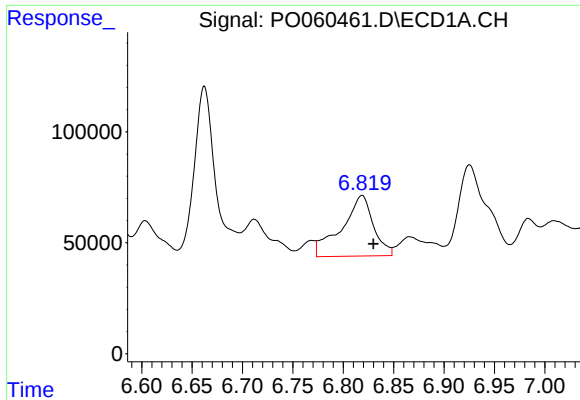
#30 AR-1254-5

R.T.: 7.361 min
Delta R.T.: -0.009 min
Response: 601596
Conc: 194.54 ng/ml



#30 AR-1254-5

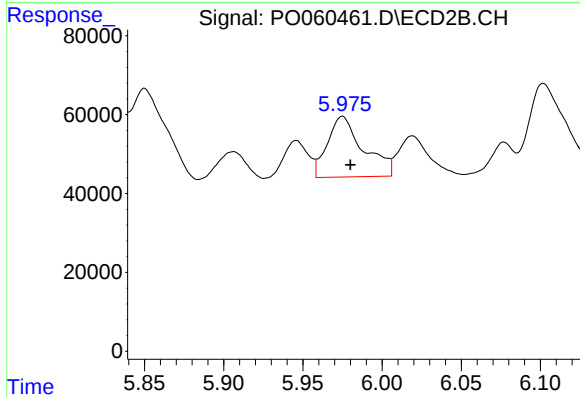
R.T.: 6.483 min
Delta R.T.: -0.007 min
Response: 517330
Conc: 166.61 ng/ml



#31 AR-1260-1

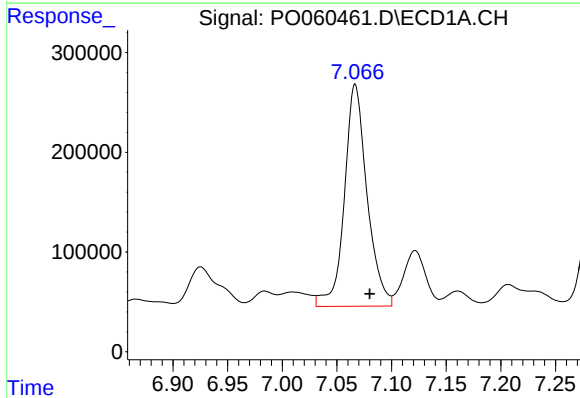
R.T.: 6.819 min
Delta R.T.: -0.011 min
Response: 599042
Conc: 222.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



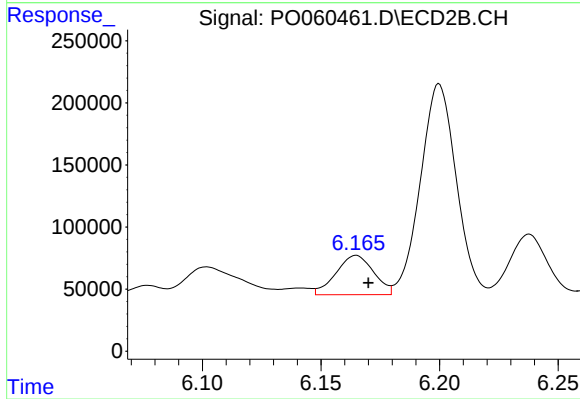
#31 AR-1260-1

R.T.: 5.975 min
Delta R.T.: -0.005 min
Response: 242468
Conc: 106.40 ng/ml



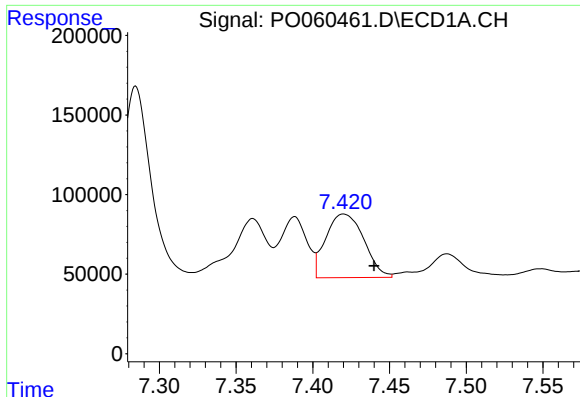
#32 AR-1260-2

R.T.: 7.067 min
Delta R.T.: -0.013 min
Response: 3212108
Conc: 865.69 ng/ml



#32 AR-1260-2

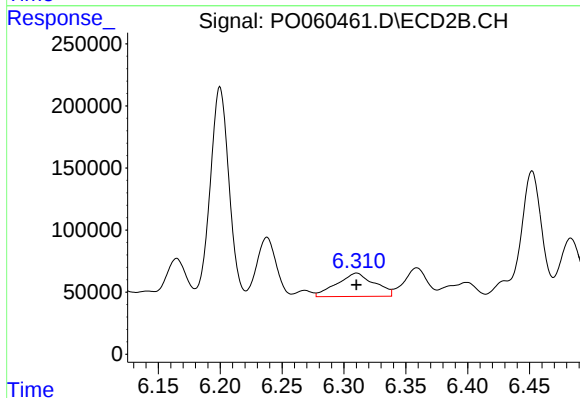
R.T.: 6.165 min
Delta R.T.: -0.005 min
Response: 348811
Conc: 119.05 ng/ml



#33 AR-1260-3

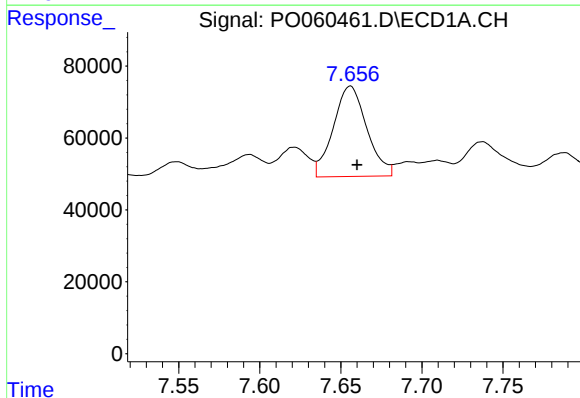
R.T.: 7.420 min
Delta R.T.: -0.020 min
Response: 691055
Conc: 210.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



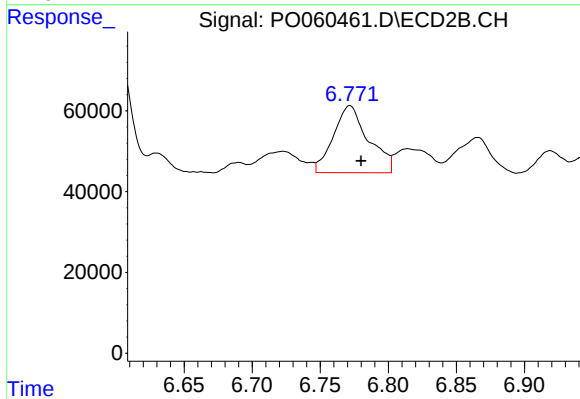
#33 AR-1260-3

R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 396694
Conc: 149.74 ng/ml



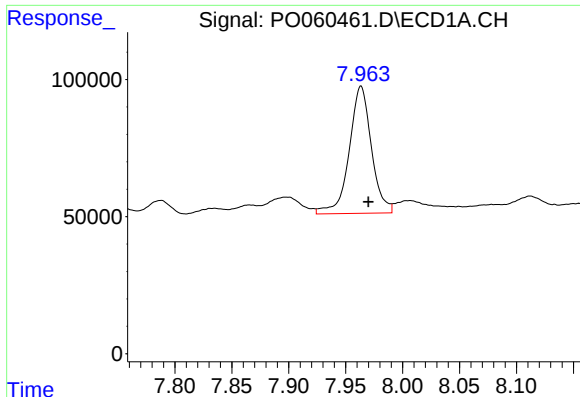
#34 AR-1260-4

R.T.: 7.656 min
Delta R.T.: -0.004 min
Response: 362771
Conc: 118.12 ng/ml



#34 AR-1260-4

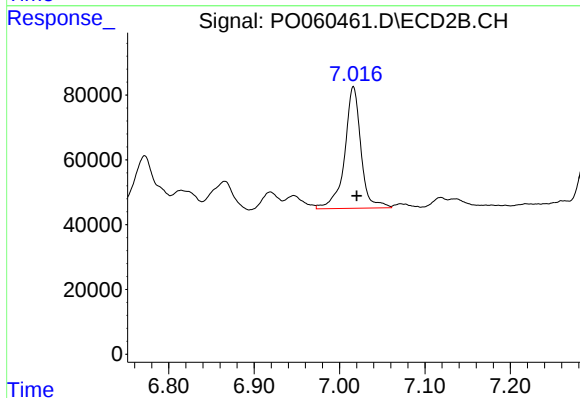
R.T.: 6.772 min
Delta R.T.: -0.008 min
Response: 298051
Conc: 131.73 ng/ml



#35 AR-1260-5

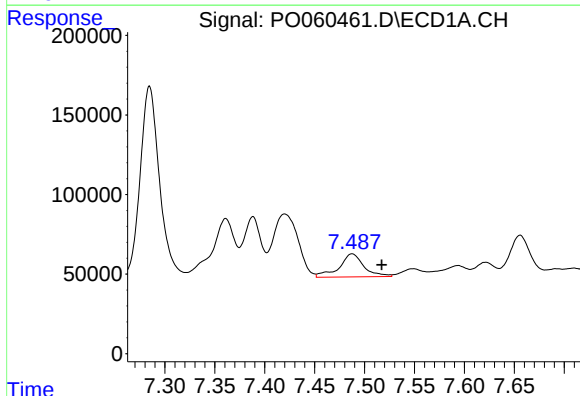
R.T.: 7.963 min
Delta R.T.: -0.007 min
Response: 628806
Conc: 88.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



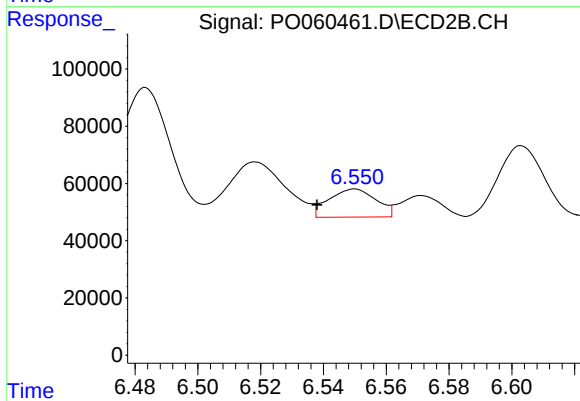
#35 AR-1260-5

R.T.: 7.016 min
Delta R.T.: -0.004 min
Response: 497954
Conc: 90.48 ng/ml



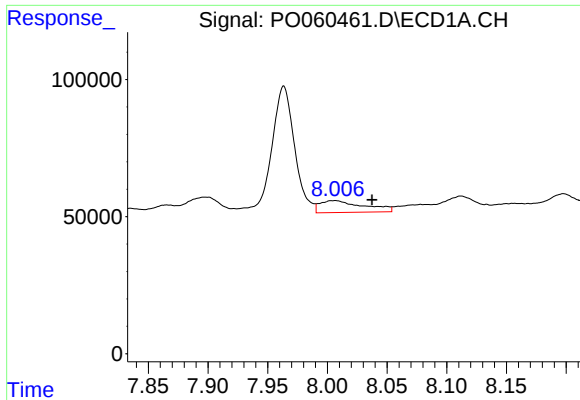
#36 AR-1262-1

R.T.: 7.487 min
Delta R.T.: -0.030 min
Response: 251132
Conc: 51.75 ng/ml



#36 AR-1262-1

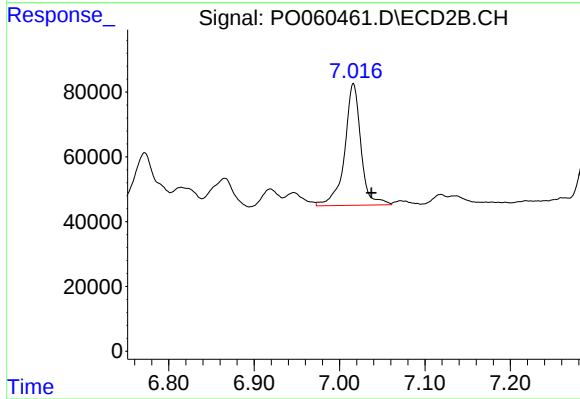
R.T.: 6.550 min
Delta R.T.: 0.012 min
Response: 102971
Conc: 27.62 ng/ml



#37 AR-1262-2

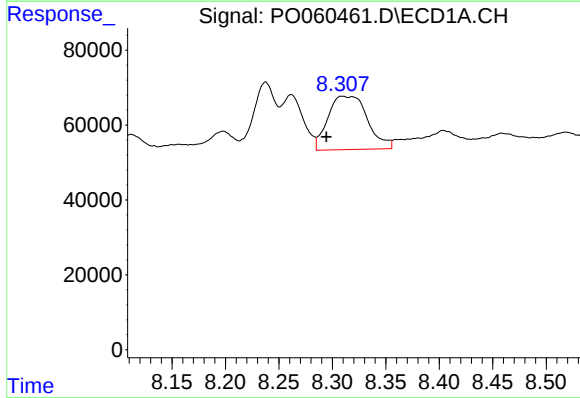
R.T.: 8.006 min
Delta R.T.: -0.031 min
Response: 110417
Conc: 14.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



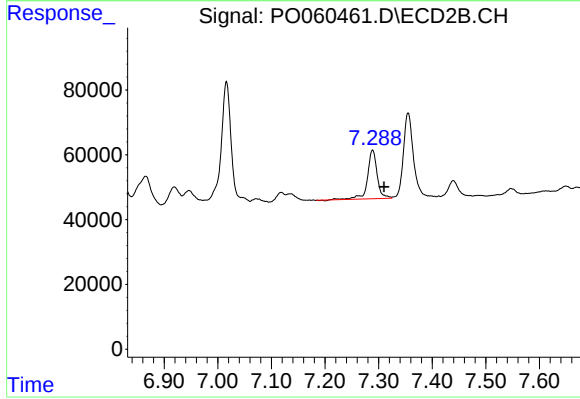
#37 AR-1262-2

R.T.: 7.016 min
Delta R.T.: -0.021 min
Response: 497954
Conc: 84.70 ng/ml



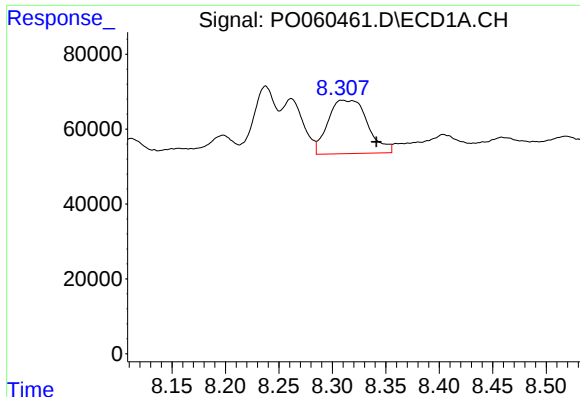
#38 AR-1262-3

R.T.: 8.309 min
Delta R.T.: 0.015 min
Response: 367116
Conc: 71.95 ng/ml



#38 AR-1262-3

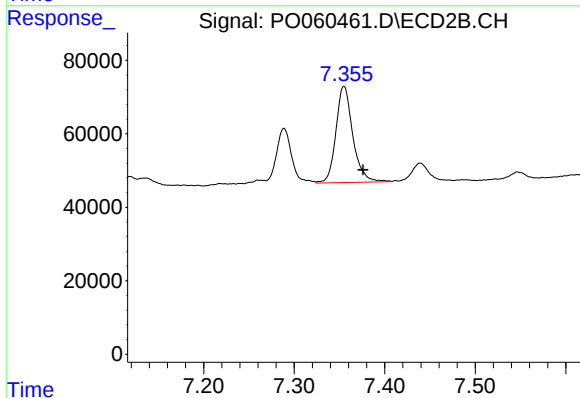
R.T.: 7.289 min
Delta R.T.: -0.021 min
Response: 189195
Conc: 74.46 ng/ml



#39 AR-1262-4

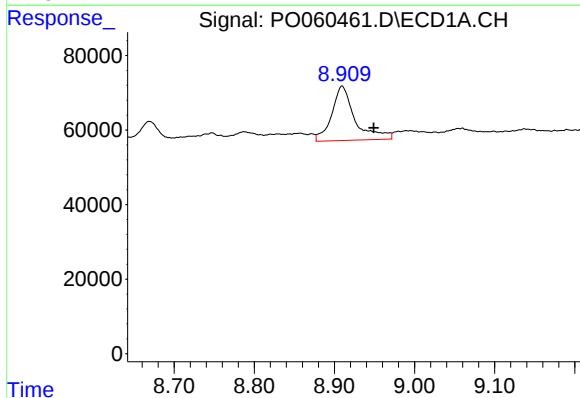
R.T.: 8.309 min
Delta R.T.: -0.032 min
Response: 367116
Conc: 95.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



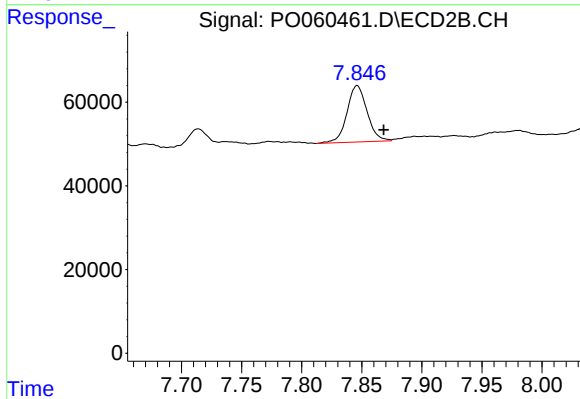
#39 AR-1262-4

R.T.: 7.355 min
Delta R.T.: -0.021 min
Response: 340282
Conc: 77.01 ng/ml



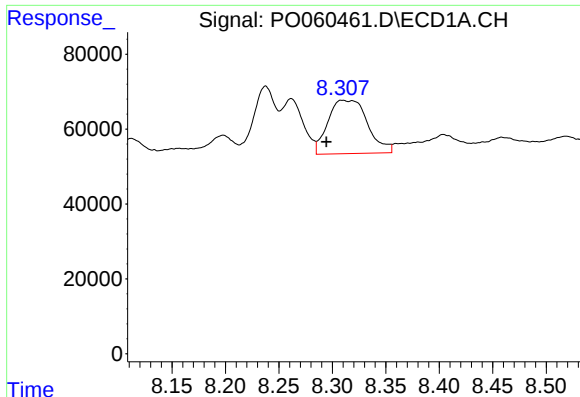
#40 AR-1262-5

R.T.: 8.910 min
Delta R.T.: -0.040 min
Response: 293301
Conc: 114.28 ng/ml



#40 AR-1262-5

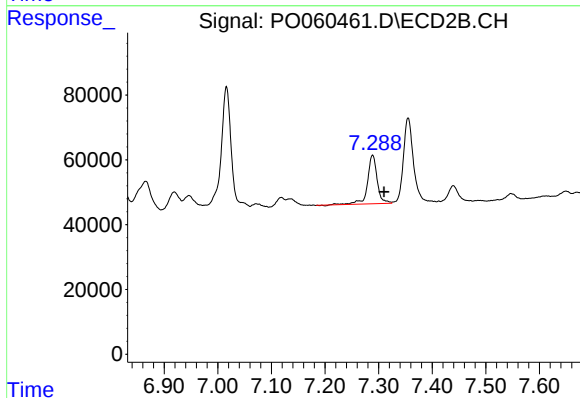
R.T.: 7.846 min
Delta R.T.: -0.022 min
Response: 156955
Conc: 86.93 ng/ml



#41 AR-1268-1

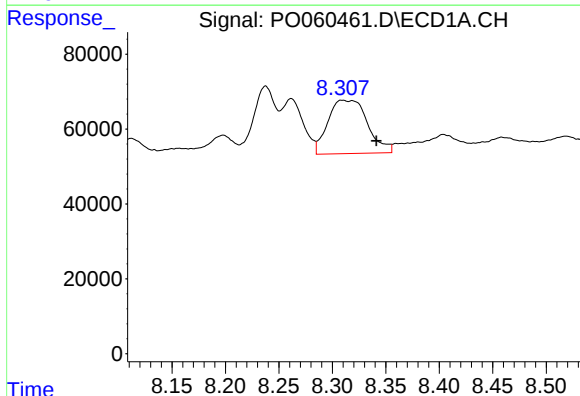
R.T.: 8.309 min
Delta R.T.: 0.015 min
Response: 367116
Conc: 39.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



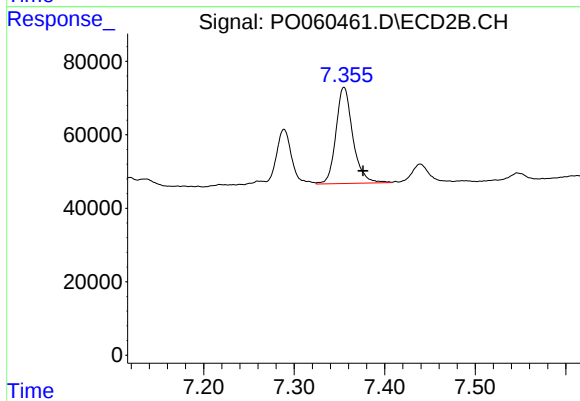
#41 AR-1268-1

R.T.: 7.289 min
Delta R.T.: -0.021 min
Response: 189195
Conc: 26.57 ng/ml



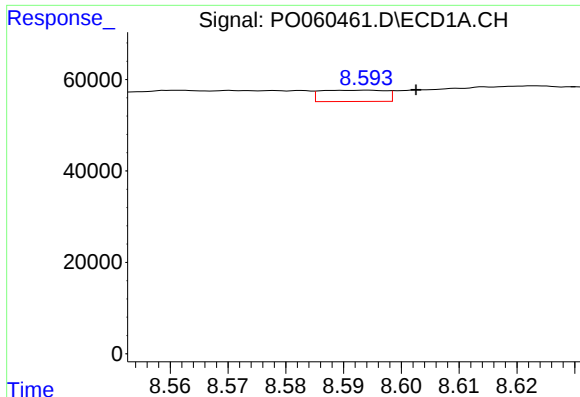
#42 AR-1268-2

R.T.: 8.309 min
Delta R.T.: -0.032 min
Response: 367116
Conc: 46.57 ng/ml



#42 AR-1268-2

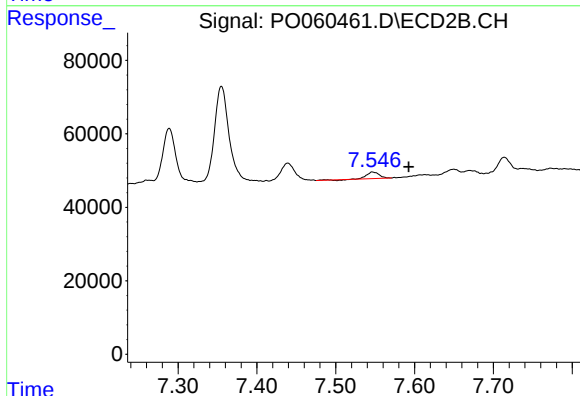
R.T.: 7.355 min
Delta R.T.: -0.021 min
Response: 340282
Conc: 52.77 ng/ml



#43 AR-1268-3

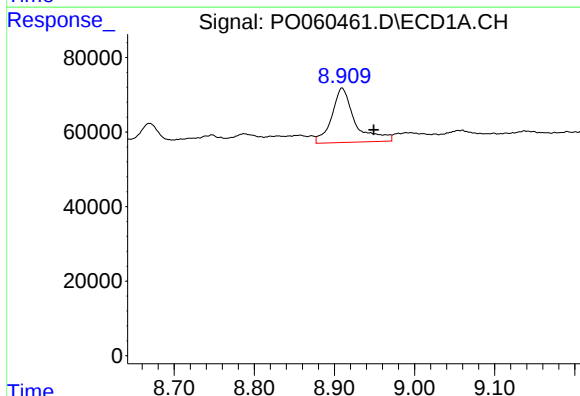
R.T.: 8.594 min
Delta R.T.: -0.009 min
Response: 19149
Conc: 2.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



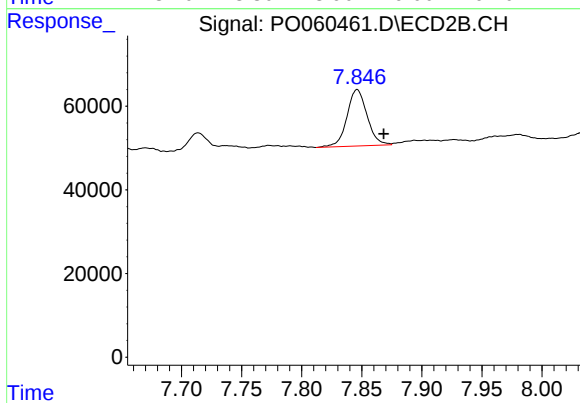
#43 AR-1268-3

R.T.: 7.547 min
Delta R.T.: -0.046 min
Response: 20173
Conc: 3.69 ng/ml



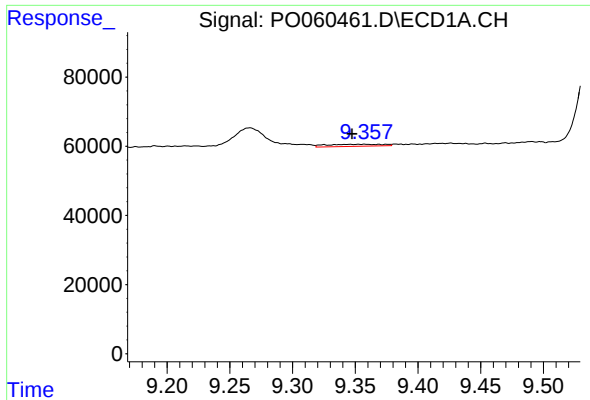
#44 AR-1268-4

R.T.: 8.910 min
Delta R.T.: -0.040 min
Response: 293301
Conc: 105.50 ng/ml



#44 AR-1268-4

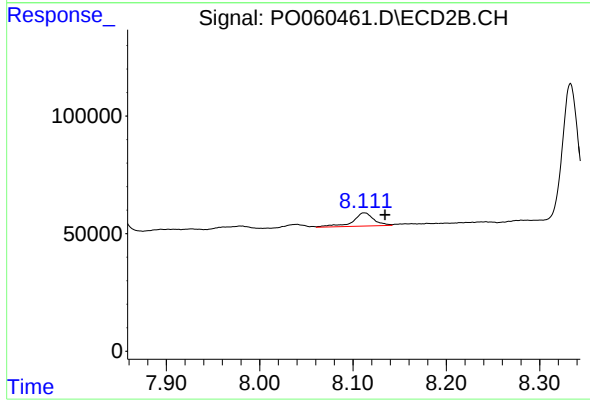
R.T.: 7.846 min
Delta R.T.: -0.022 min
Response: 156955
Conc: 76.89 ng/ml



#45 AR-1268-5

R.T.: 9.357 min
Delta R.T.: 0.010 min
Response: 18389
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.112 min
Delta R.T.: -0.022 min
Response: 89578
Conc: 6.17 ng/ml