

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100919\
 Data File : PO061823.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Oct 2019 12:42
 Operator : HP/AJ
 Sample : K5147-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 13:05:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 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...	4.349	3.510	1053613	786537	25.689	24.321
2)	SA Decachlor...	10.005	8.424	799807	623	17.174	0.019 #
Target Compounds							
3)	L1 AR-1016-1	5.534	4.576	571115	443369	311.447	329.725
4)	L1 AR-1016-2	5.595	4.607	360814	38047	139.590	20.528 #
5)	L1 AR-1016-3	5.595	4.788	360814	222102	224.604	221.721
6)	L1 AR-1016-4	5.731	4.829	11688	245135	8.742	282.882 #
7)	L1 AR-1016-5	6.027	5.033	103078	109833	75.161	96.224 #
8)	L2 AR-1221-1	4.586	3.739	5541	1576	11.987	3.979 #
9)	L2 AR-1221-2	4.644	3.799	55987	70510	155.943	228.637 #
10)	L2 AR-1221-3	4.719	3.873	221643	188177	194.676	206.303
11)	L3 AR-1232-1	4.719	3.873	221643	188177	158.497	167.597
12)	L3 AR-1232-2	5.245	4.607	312242	38047	397.984	31.168 #
13)	L3 AR-1232-3	5.534	4.746	571115	248811	334.243	376.841
14)	L3 AR-1232-4	5.694	4.858	327293	91348	369.912	144.915 #
15)	L3 AR-1232-5	5.783	4.994	295974	244461	426.886	356.279
16)	L4 AR-1242-1	5.534	4.576	571115	443369	402.147	432.765
17)	L4 AR-1242-2	5.534	4.576	571115	443369	284.160	314.396
18)	L4 AR-1242-3	5.595	4.746	360814	248811	285.935	318.627
19)	L4 AR-1242-4	5.694	4.829	327293	245135	311.480	298.727
20)	L4 AR-1242-5	6.429	5.336	95594	265506	71.473	247.848 #
21)	L5 AR-1248-1	5.534	4.576	571115	443369	486.130	495.486
22)	L5 AR-1248-2	5.828	4.829	291587	245135	172.826	208.047
23)	L5 AR-1248-3	6.027	4.858	103078	91348	55.156	73.592 #
24)	L5 AR-1248-4	6.429	5.033	95594	109833	40.457	73.061 #
25)	L5 AR-1248-5	6.429	5.426	95594	74876	42.160	48.806
26)	L6 AR-1254-1	6.388	5.376	76794	49880	33.661	22.742 #
27)	L6 AR-1254-2	6.579	5.481	425101	262125	117.656	133.704
28)	L6 AR-1254-3	6.947	5.888	365659	231894	93.582	72.837
29)	L6 AR-1254-4	7.231	6.129	212060	132578	70.018	65.347
30)	L6 AR-1254-5	7.679	6.545	137286	334238	43.716	118.169 #
31)	L7 AR-1260-1	7.176	6.055	18119	29000	6.941	14.217 #
32)	L7 AR-1260-2	7.408	6.187	280909	576946	88.115	240.221 #
33)	L7 AR-1260-3	7.780	6.336	320235	486554	133.328	215.947 #
34)	L7 AR-1260-4	8.029	6.836	360507	88713	134.918	48.051 #
35)	L7 AR-1260-5	8.312	7.093	144987	17238	29.301	4.427 #
36)	L8 AR-1262-1	7.723	6.598	477030	184413	124.503	151.080
37)	L8 AR-1262-2	8.261	7.040	1007786	702430	162.335	152.768
38)	L8 AR-1262-3	8.580	7.317	694781	132457	167.163	70.313 #
39)	L8 AR-1262-4	8.631	7.380	443040	485180	140.342	144.367
40)	L8 AR-1262-5	9.287	7.913	285630	17859	140.453	11.781 #
41)	L9 AR-1268-1	8.580	7.317	694781	132457	103.322	27.429 #

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 Operator : HP/AJ
 Sample : K5147-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

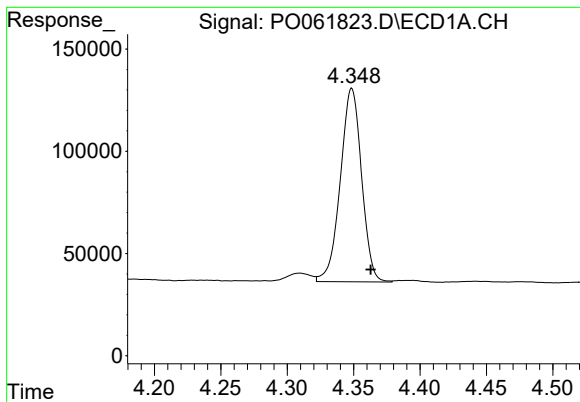
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 13:05:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.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	8.709	7.380	89835	485180	14.507	112.575 #
43) L9	AR-1268-3	8.872	7.632	113055	16288	22.115	4.544 #
44) L9	AR-1268-4	9.287	7.913	285630	17859	130.628	11.097 #
45) L9	AR-1268-5	9.732	8.173	2762	3308	0.184	0.329 #

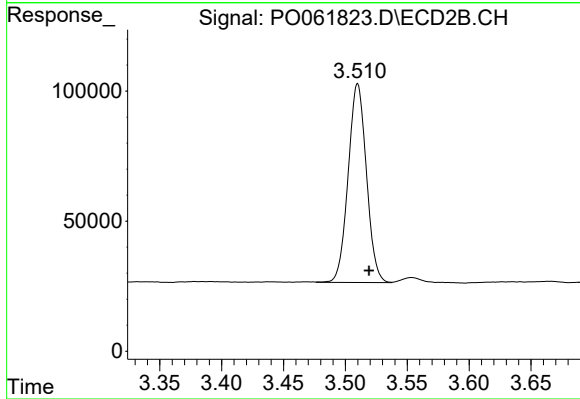
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

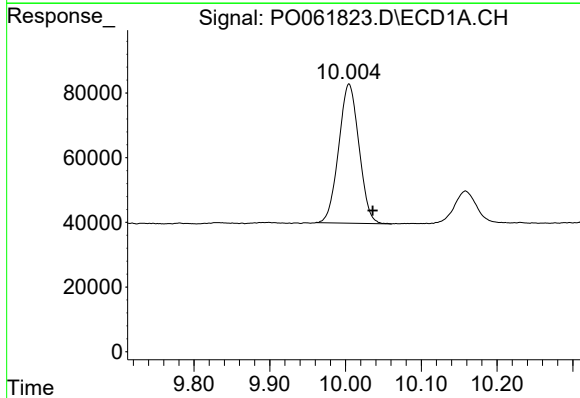
R.T.: 4.349 min
Delta R.T.: -0.014 min
Response: 1053613
Conc: 25.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



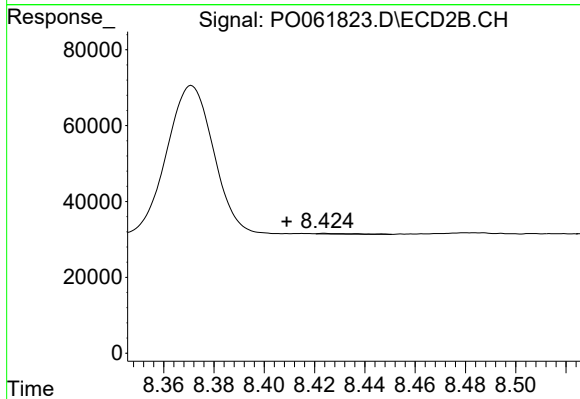
#1 Tetrachloro-m-xylene

R.T.: 3.510 min
Delta R.T.: -0.009 min
Response: 786537
Conc: 24.32 ng/ml



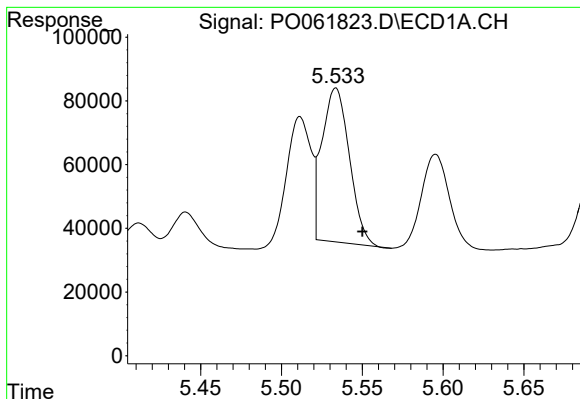
#2 Decachlorobiphenyl

R.T.: 10.005 min
Delta R.T.: -0.031 min
Response: 799807
Conc: 17.17 ng/ml



#2 Decachlorobiphenyl

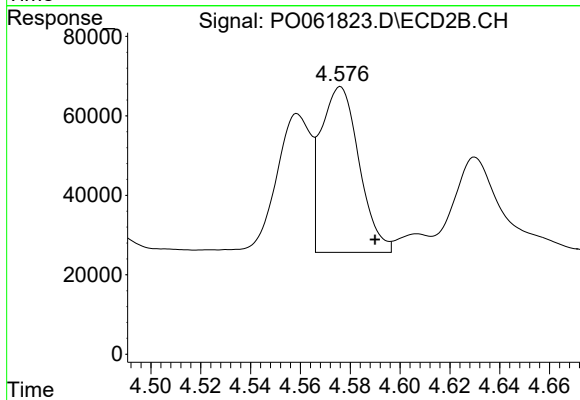
R.T.: 8.424 min
Delta R.T.: 0.015 min
Response: 623
Conc: 0.02 ng/ml



#3 AR-1016-1

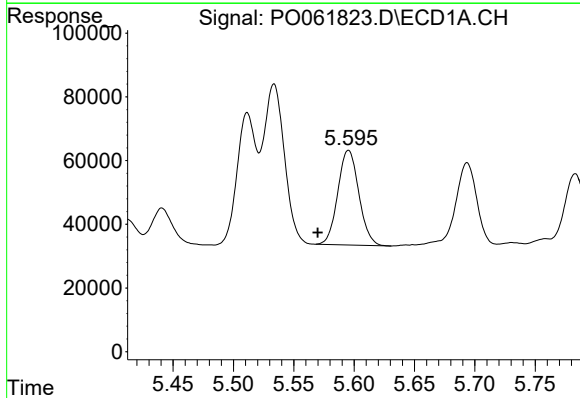
R.T.: 5.534 min
Delta R.T.: -0.016 min
Response: 571115
Conc: 311.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



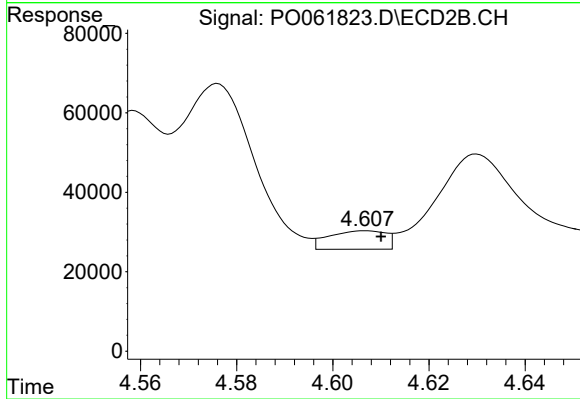
#3 AR-1016-1

R.T.: 4.576 min
Delta R.T.: -0.014 min
Response: 443369
Conc: 329.72 ng/ml



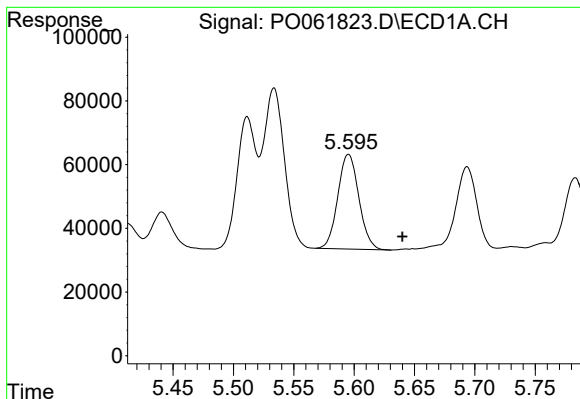
#4 AR-1016-2

R.T.: 5.595 min
Delta R.T.: 0.025 min
Response: 360814
Conc: 139.59 ng/ml



#4 AR-1016-2

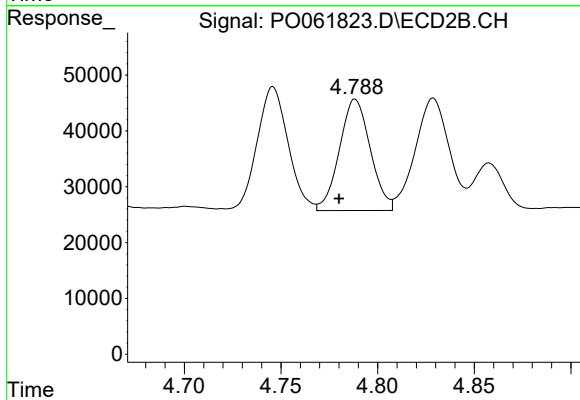
R.T.: 4.607 min
Delta R.T.: -0.003 min
Response: 38047
Conc: 20.53 ng/ml



#5 AR-1016-3

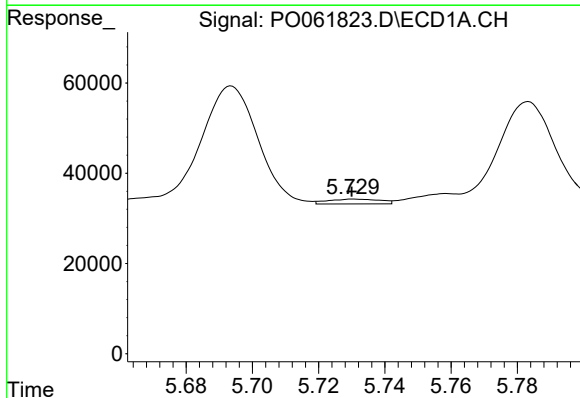
R.T.: 5.595 min
Delta R.T.: -0.045 min
Response: 360814
Conc: 224.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



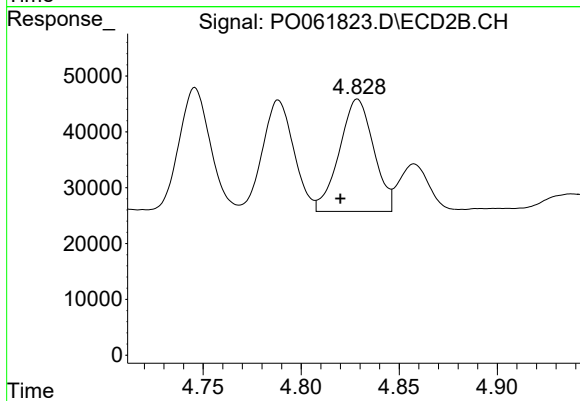
#5 AR-1016-3

R.T.: 4.788 min
Delta R.T.: 0.008 min
Response: 222102
Conc: 221.72 ng/ml



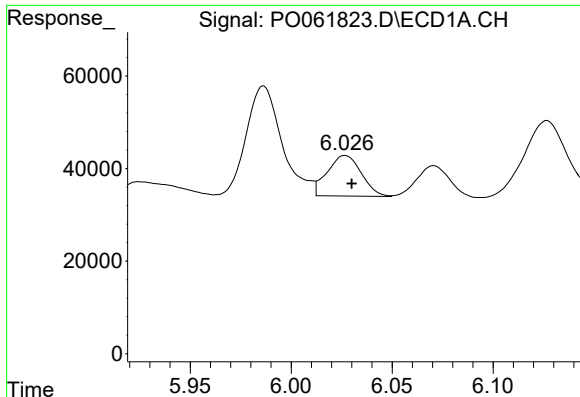
#6 AR-1016-4

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 11688
Conc: 8.74 ng/ml



#6 AR-1016-4

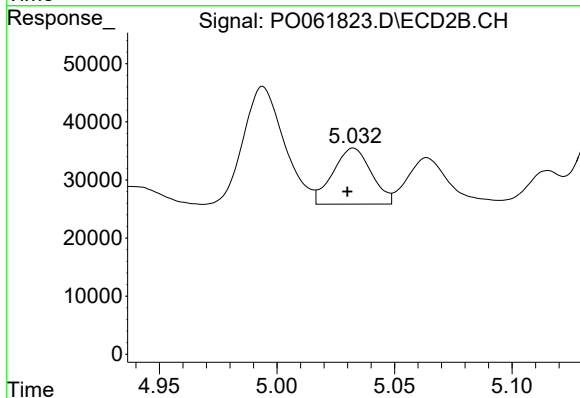
R.T.: 4.829 min
Delta R.T.: 0.009 min
Response: 245135
Conc: 282.88 ng/ml



#7 AR-1016-5

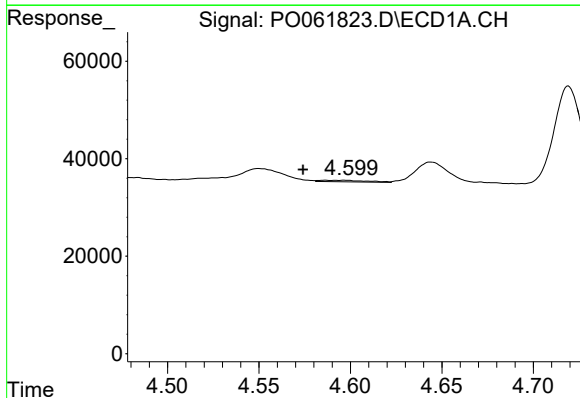
R.T.: 6.027 min
Delta R.T.: -0.003 min
Response: 103078
Conc: 75.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



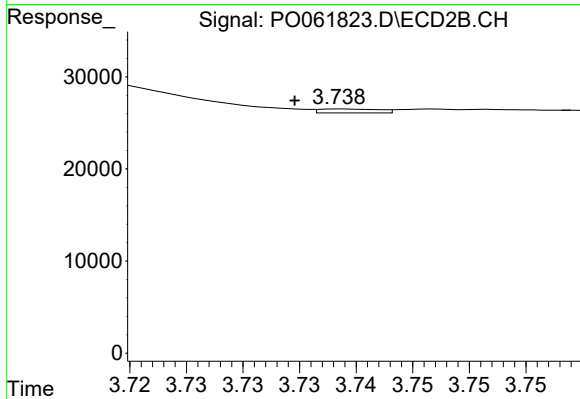
#7 AR-1016-5

R.T.: 5.033 min
Delta R.T.: 0.003 min
Response: 109833
Conc: 96.22 ng/ml



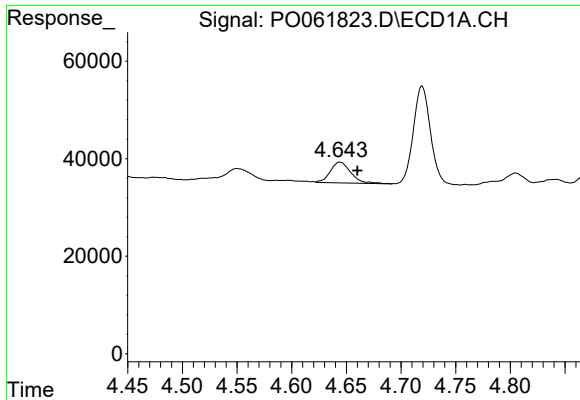
#8 AR-1221-1

R.T.: 4.586 min
Delta R.T.: 0.012 min
Response: 5541
Conc: 11.99 ng/ml



#8 AR-1221-1

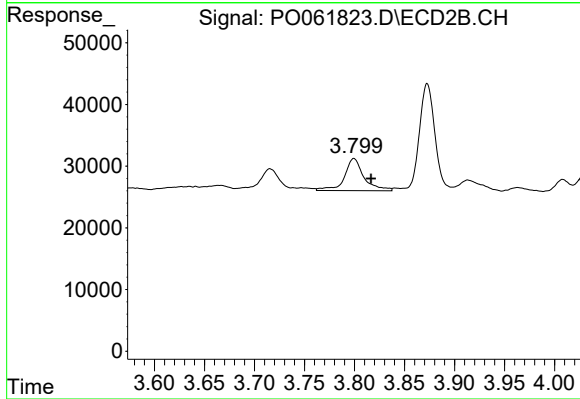
R.T.: 3.739 min
Delta R.T.: 0.004 min
Response: 1576
Conc: 3.98 ng/ml



#9 AR-1221-2

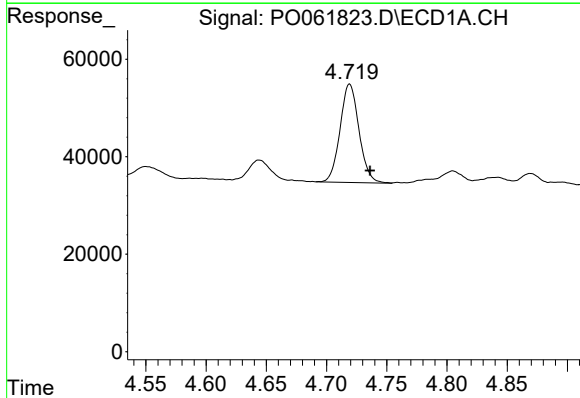
R.T.: 4.644 min
Delta R.T.: -0.016 min
Response: 55987
Conc: 155.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



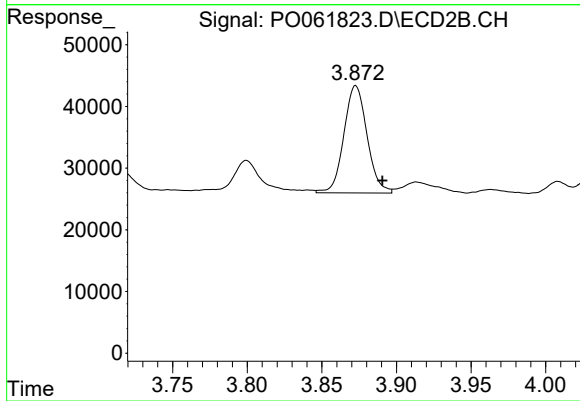
#9 AR-1221-2

R.T.: 3.799 min
Delta R.T.: -0.017 min
Response: 70510
Conc: 228.64 ng/ml



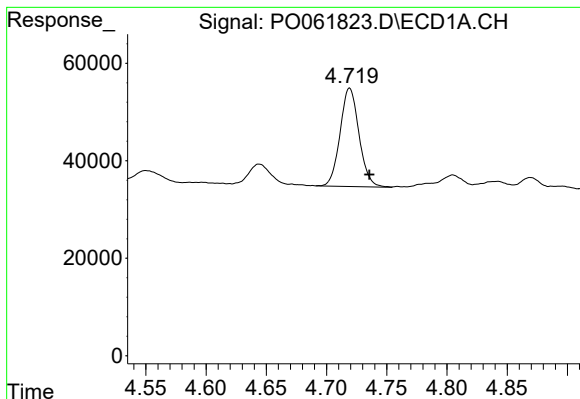
#10 AR-1221-3

R.T.: 4.719 min
Delta R.T.: -0.017 min
Response: 221643
Conc: 194.68 ng/ml



#10 AR-1221-3

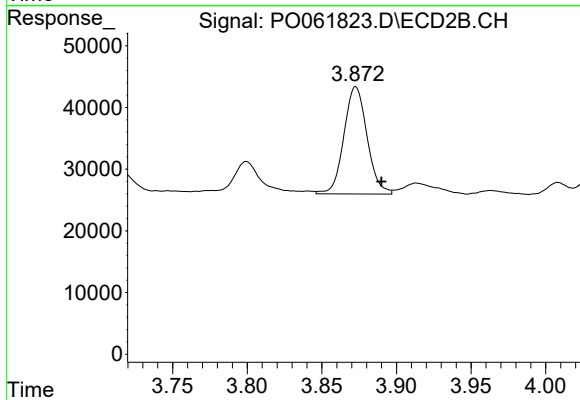
R.T.: 3.873 min
Delta R.T.: -0.018 min
Response: 188177
Conc: 206.30 ng/ml



#11 AR-1232-1

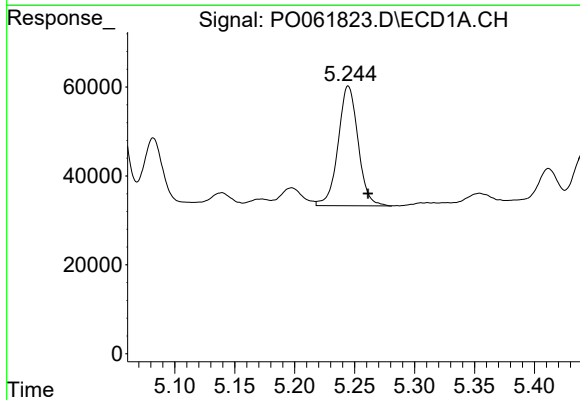
R.T.: 4.719 min
Delta R.T.: -0.016 min
Response: 221643
Conc: 158.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



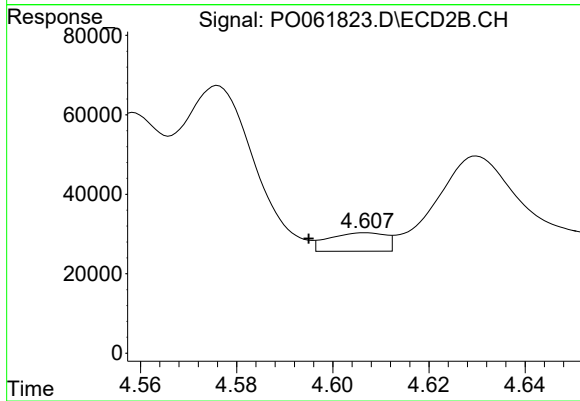
#11 AR-1232-1

R.T.: 3.873 min
Delta R.T.: -0.017 min
Response: 188177
Conc: 167.60 ng/ml



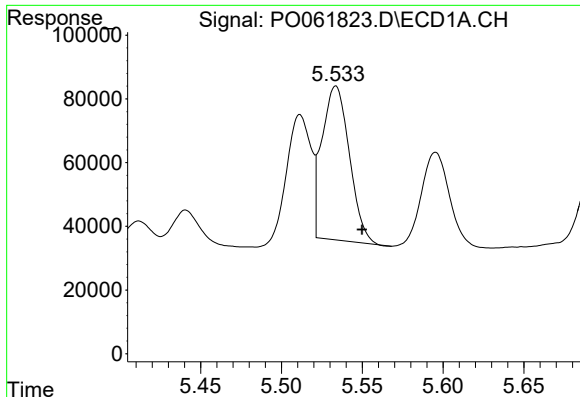
#12 AR-1232-2

R.T.: 5.245 min
Delta R.T.: -0.016 min
Response: 312242
Conc: 397.98 ng/ml



#12 AR-1232-2

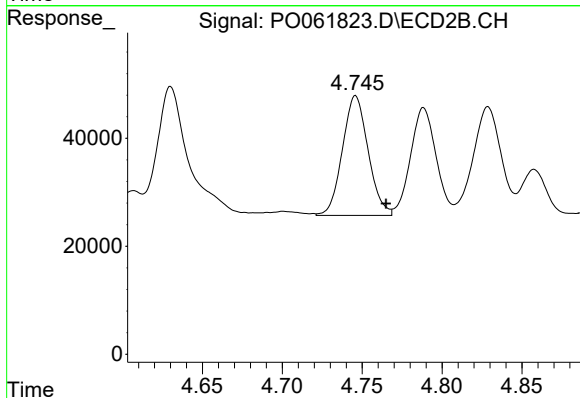
R.T.: 4.607 min
Delta R.T.: 0.012 min
Response: 38047
Conc: 31.17 ng/ml



#13 AR-1232-3

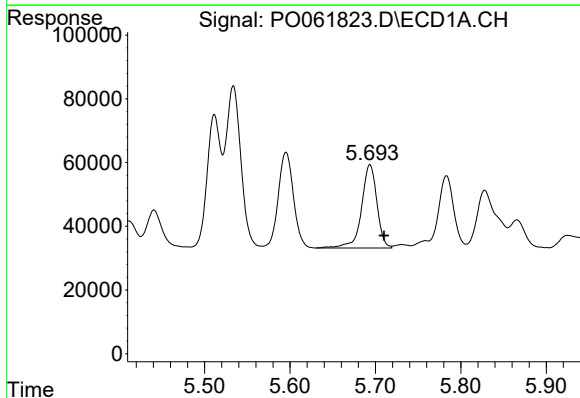
R.T.: 5.534 min
Delta R.T.: -0.016 min
Response: 571115
Conc: 334.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



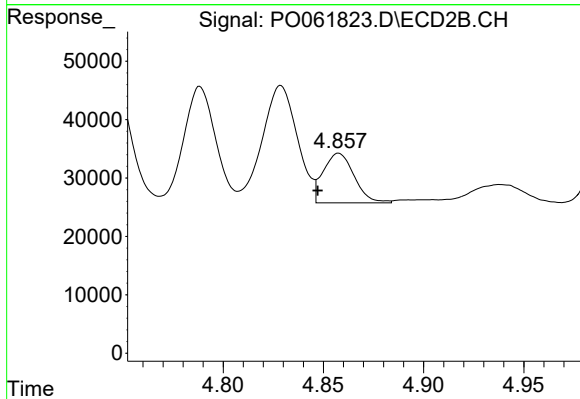
#13 AR-1232-3

R.T.: 4.746 min
Delta R.T.: -0.019 min
Response: 248811
Conc: 376.84 ng/ml



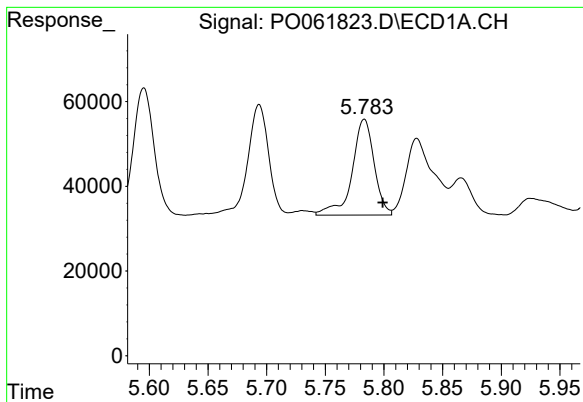
#14 AR-1232-4

R.T.: 5.694 min
Delta R.T.: -0.016 min
Response: 327293
Conc: 369.91 ng/ml



#14 AR-1232-4

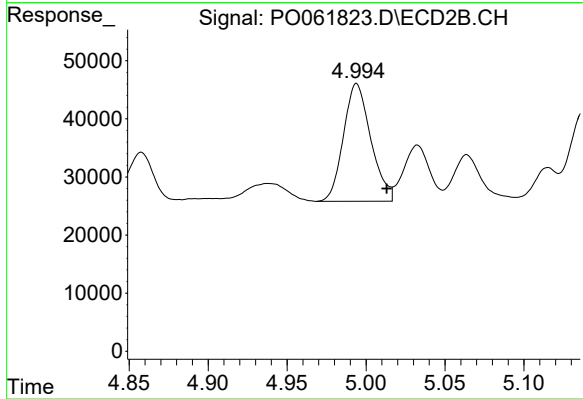
R.T.: 4.858 min
Delta R.T.: 0.011 min
Response: 91348
Conc: 144.92 ng/ml



#15 AR-1232-5

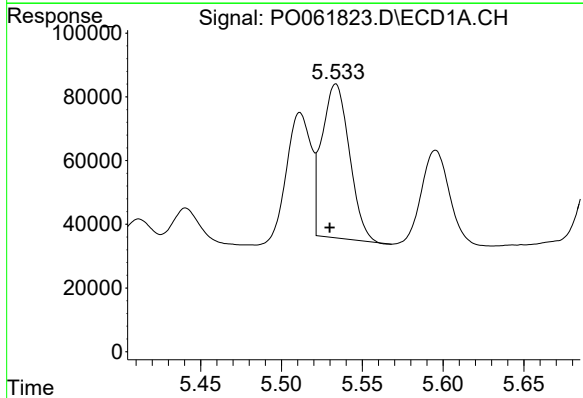
R.T.: 5.783 min
Delta R.T.: -0.016 min
Response: 295974
Conc: 426.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



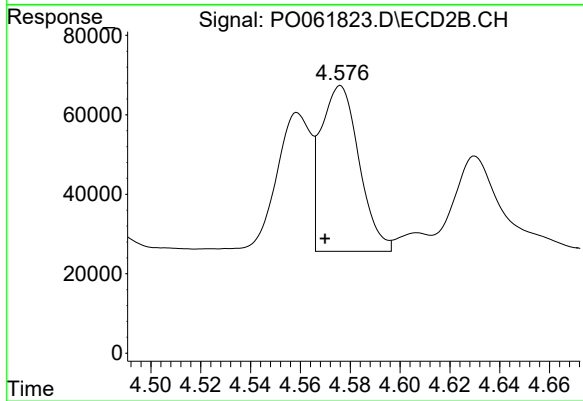
#15 AR-1232-5

R.T.: 4.994 min
Delta R.T.: -0.019 min
Response: 244461
Conc: 356.28 ng/ml



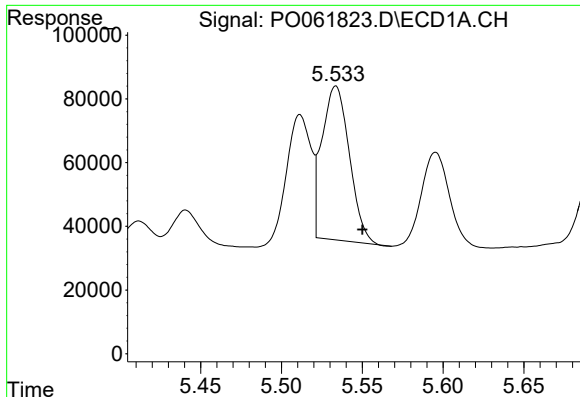
#16 AR-1242-1

R.T.: 5.534 min
Delta R.T.: 0.004 min
Response: 571115
Conc: 402.15 ng/ml



#16 AR-1242-1

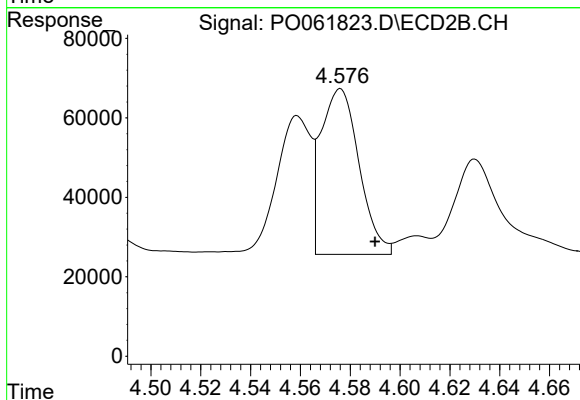
R.T.: 4.576 min
Delta R.T.: 0.006 min
Response: 443369
Conc: 432.76 ng/ml



#17 AR-1242-2

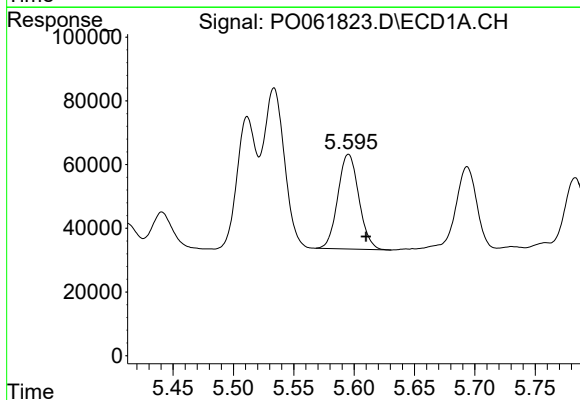
R.T.: 5.534 min
Delta R.T.: -0.016 min
Response: 571115
Conc: 284.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



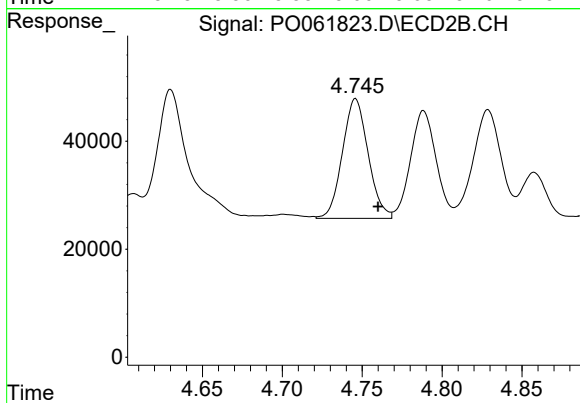
#17 AR-1242-2

R.T.: 4.576 min
Delta R.T.: -0.014 min
Response: 443369
Conc: 314.40 ng/ml



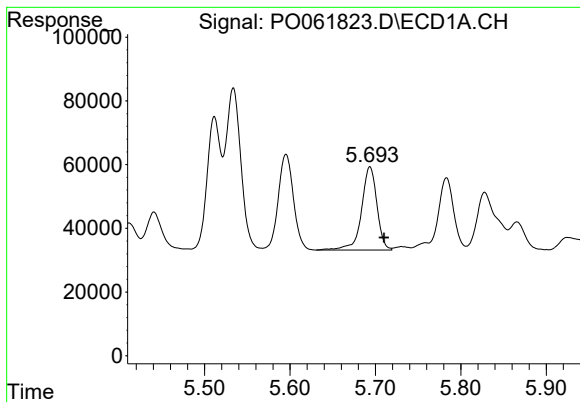
#18 AR-1242-3

R.T.: 5.595 min
Delta R.T.: -0.015 min
Response: 360814
Conc: 285.93 ng/ml



#18 AR-1242-3

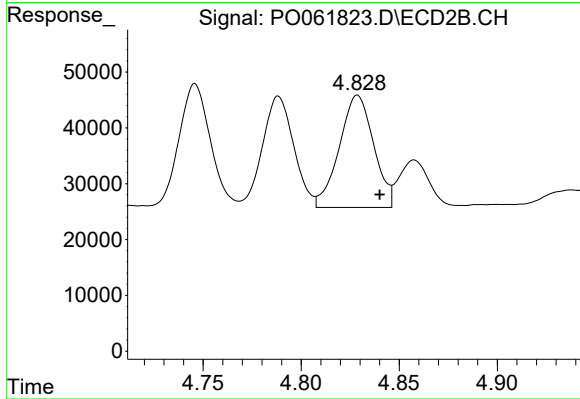
R.T.: 4.746 min
Delta R.T.: -0.014 min
Response: 248811
Conc: 318.63 ng/ml



#19 AR-1242-4

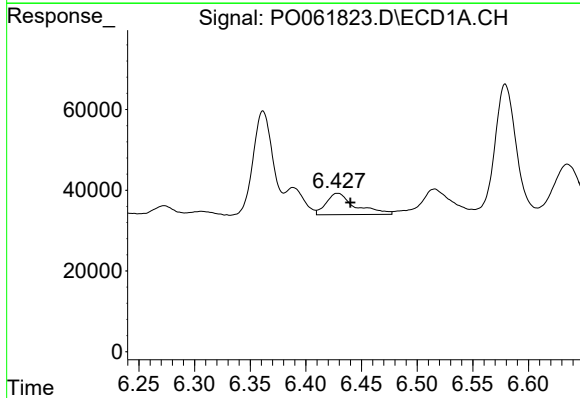
R.T.: 5.694 min
Delta R.T.: -0.016 min
Response: 327293
Conc: 311.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



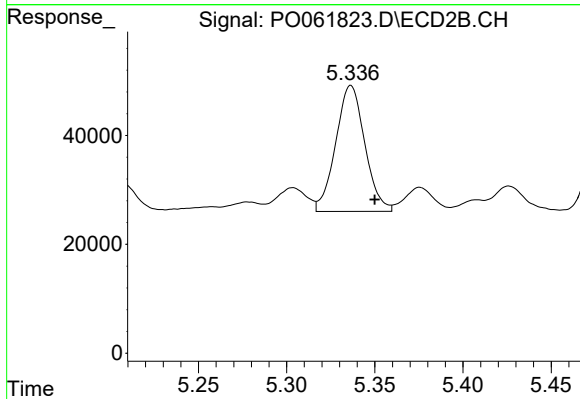
#19 AR-1242-4

R.T.: 4.829 min
Delta R.T.: -0.011 min
Response: 245135
Conc: 298.73 ng/ml



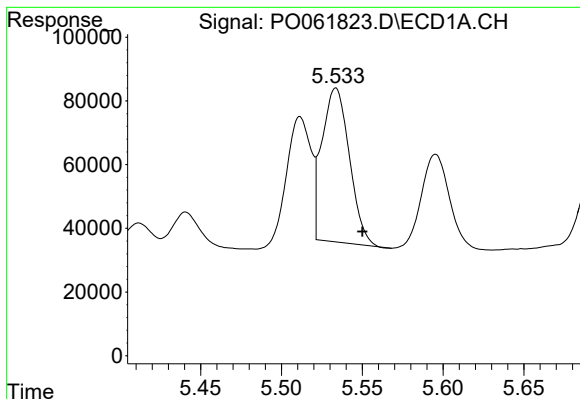
#20 AR-1242-5

R.T.: 6.429 min
Delta R.T.: -0.011 min
Response: 95594
Conc: 71.47 ng/ml



#20 AR-1242-5

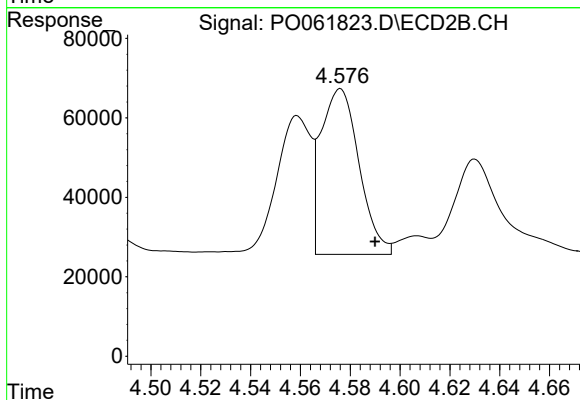
R.T.: 5.336 min
Delta R.T.: -0.014 min
Response: 265506
Conc: 247.85 ng/ml



#21 AR-1248-1

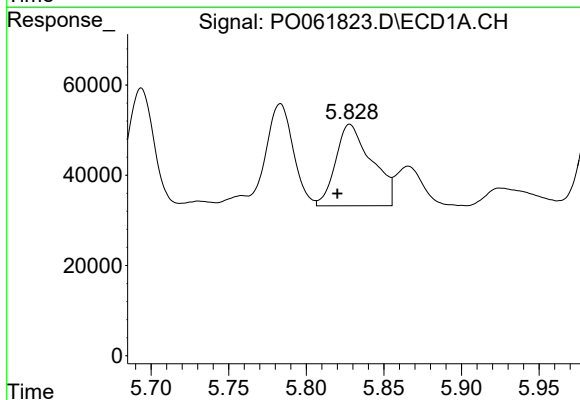
R.T.: 5.534 min
Delta R.T.: -0.016 min
Response: 571115
Conc: 486.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



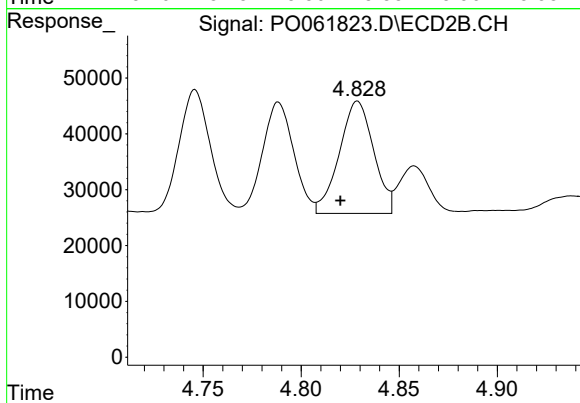
#21 AR-1248-1

R.T.: 4.576 min
Delta R.T.: -0.014 min
Response: 443369
Conc: 495.49 ng/ml



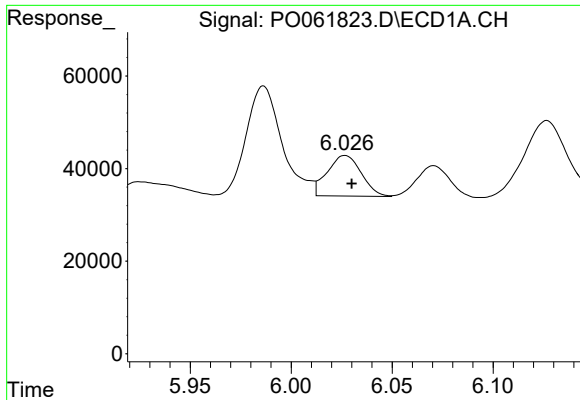
#22 AR-1248-2

R.T.: 5.828 min
Delta R.T.: 0.008 min
Response: 291587
Conc: 172.83 ng/ml



#22 AR-1248-2

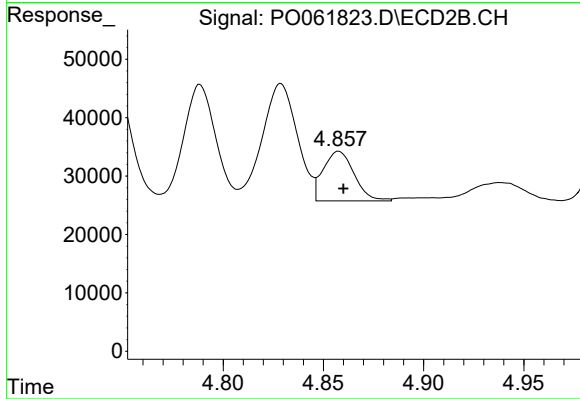
R.T.: 4.829 min
Delta R.T.: 0.009 min
Response: 245135
Conc: 208.05 ng/ml



#23 AR-1248-3

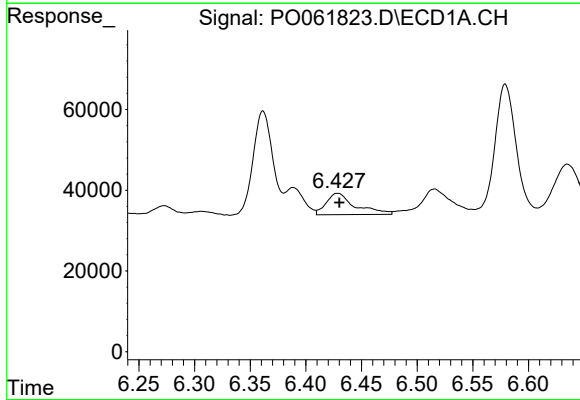
R.T.: 6.027 min
Delta R.T.: -0.003 min
Response: 103078
Conc: 55.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



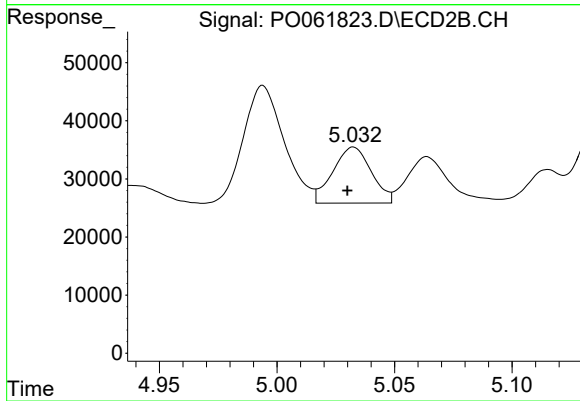
#23 AR-1248-3

R.T.: 4.858 min
Delta R.T.: -0.002 min
Response: 91348
Conc: 73.59 ng/ml



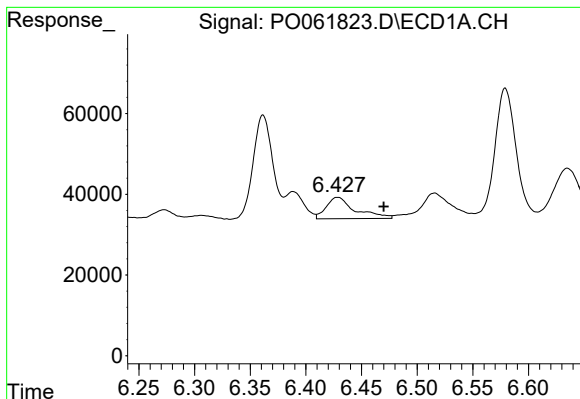
#24 AR-1248-4

R.T.: 6.429 min
Delta R.T.: -0.001 min
Response: 95594
Conc: 40.46 ng/ml



#24 AR-1248-4

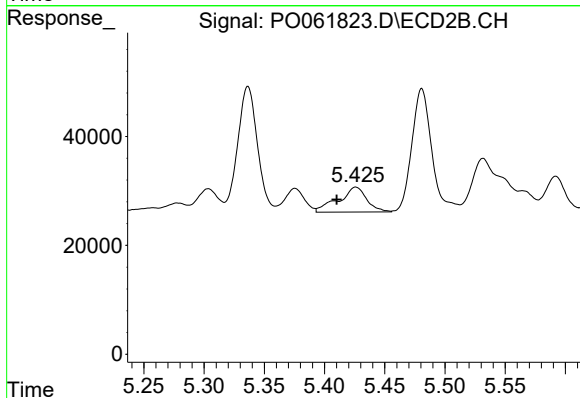
R.T.: 5.033 min
Delta R.T.: 0.003 min
Response: 109833
Conc: 73.06 ng/ml



#25 AR-1248-5

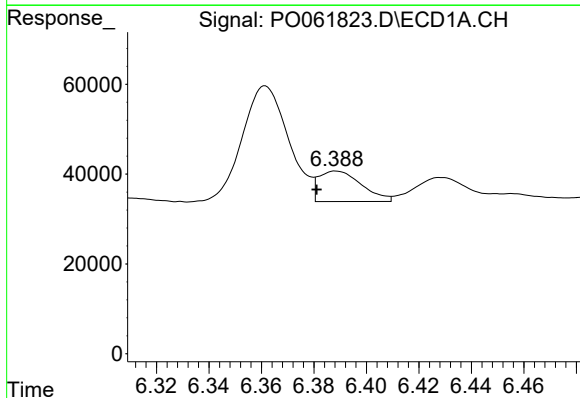
R.T.: 6.429 min
Delta R.T.: -0.041 min
Response: 95594
Conc: 42.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



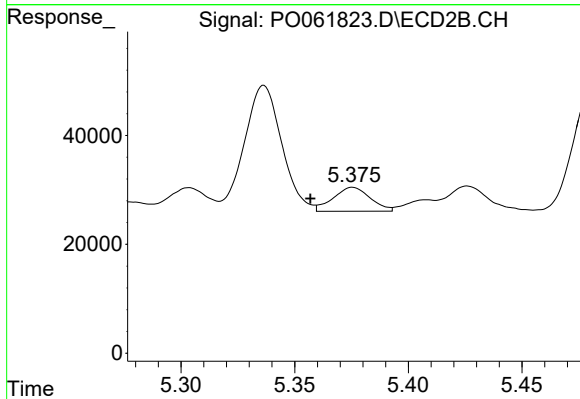
#25 AR-1248-5

R.T.: 5.426 min
Delta R.T.: 0.016 min
Response: 74876
Conc: 48.81 ng/ml



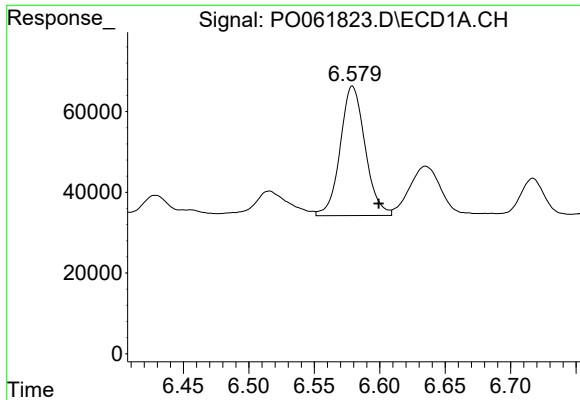
#26 AR-1254-1

R.T.: 6.388 min
Delta R.T.: 0.007 min
Response: 76794
Conc: 33.66 ng/ml



#26 AR-1254-1

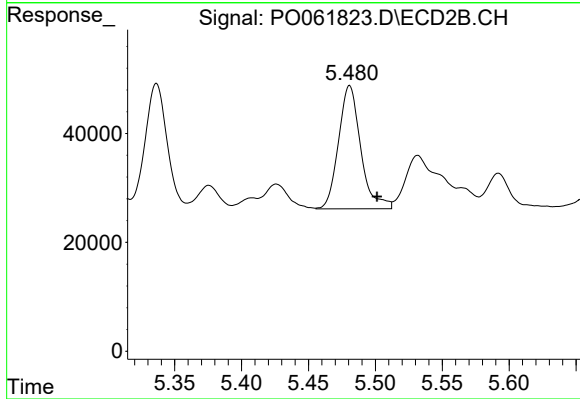
R.T.: 5.376 min
Delta R.T.: 0.019 min
Response: 49880
Conc: 22.74 ng/ml



#27 AR-1254-2

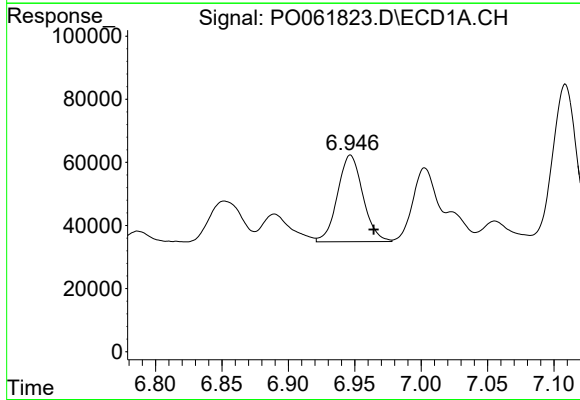
R.T.: 6.579 min
Delta R.T.: -0.020 min
Response: 425101
Conc: 117.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



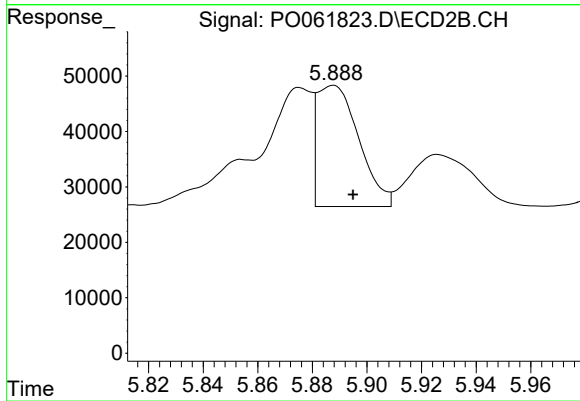
#27 AR-1254-2

R.T.: 5.481 min
Delta R.T.: -0.020 min
Response: 262125
Conc: 133.70 ng/ml



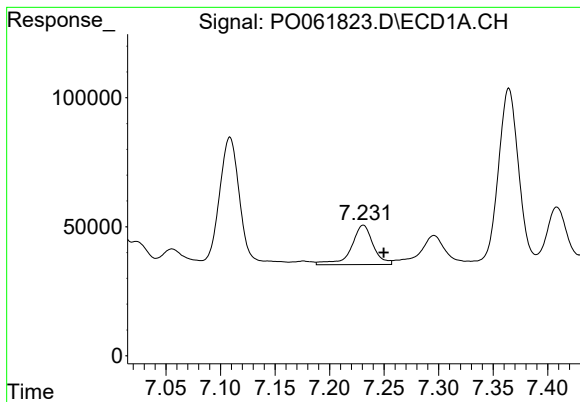
#28 AR-1254-3

R.T.: 6.947 min
Delta R.T.: -0.018 min
Response: 365659
Conc: 93.58 ng/ml



#28 AR-1254-3

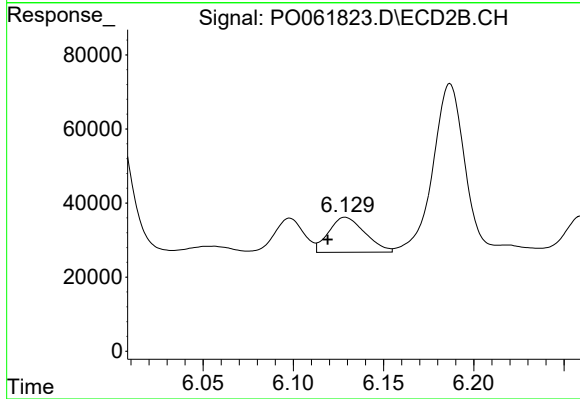
R.T.: 5.888 min
Delta R.T.: -0.007 min
Response: 231894
Conc: 72.84 ng/ml



#29 AR-1254-4

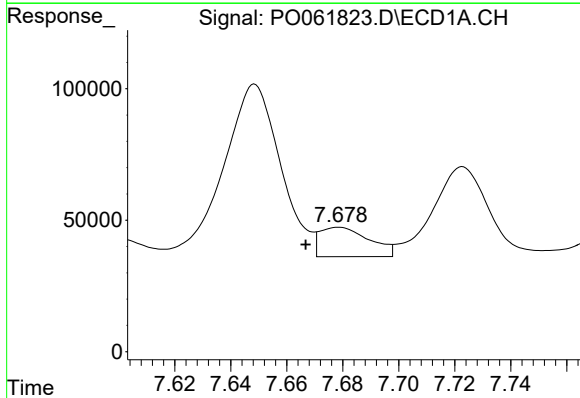
R.T.: 7.231 min
Delta R.T.: -0.019 min
Response: 212060
Conc: 70.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



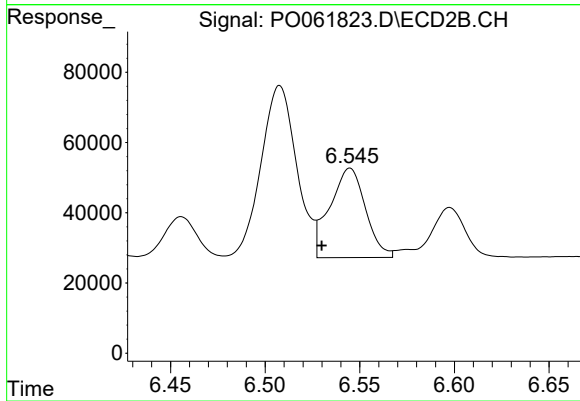
#29 AR-1254-4

R.T.: 6.129 min
Delta R.T.: 0.010 min
Response: 132578
Conc: 65.35 ng/ml



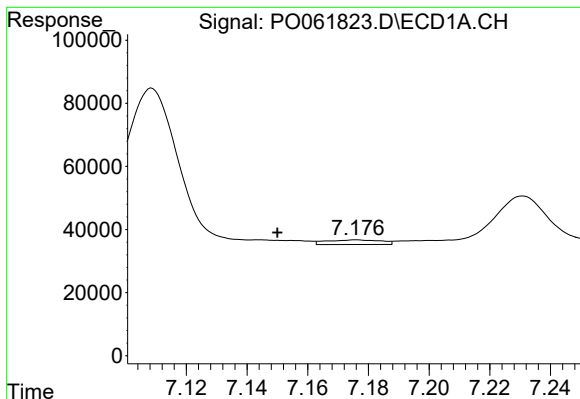
#30 AR-1254-5

R.T.: 7.679 min
Delta R.T.: 0.012 min
Response: 137286
Conc: 43.72 ng/ml



#30 AR-1254-5

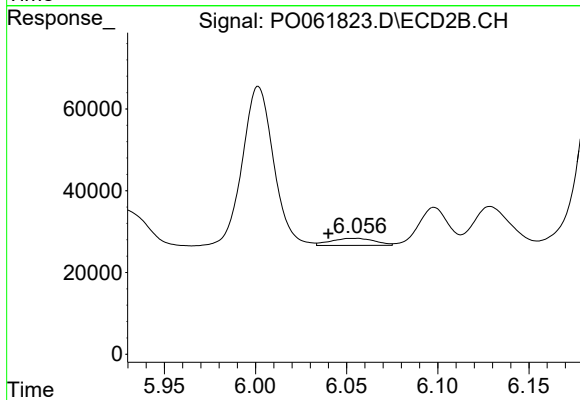
R.T.: 6.545 min
Delta R.T.: 0.015 min
Response: 334238
Conc: 118.17 ng/ml



#31 AR-1260-1

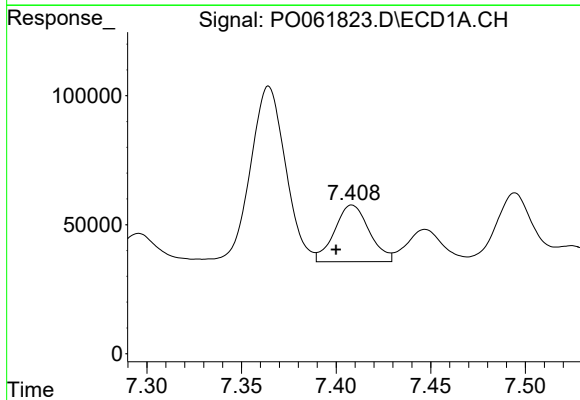
R.T.: 7.176 min
Delta R.T.: 0.026 min
Response: 18119
Conc: 6.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



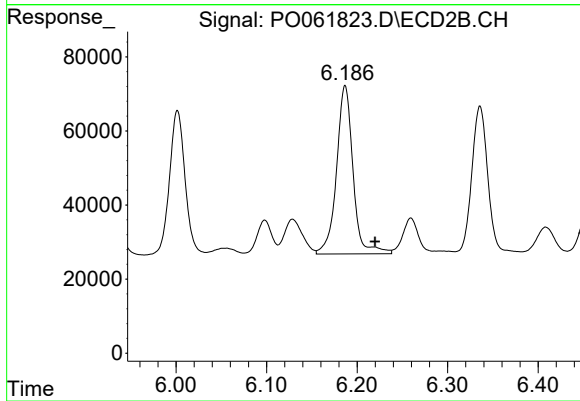
#31 AR-1260-1

R.T.: 6.055 min
Delta R.T.: 0.015 min
Response: 29000
Conc: 14.22 ng/ml



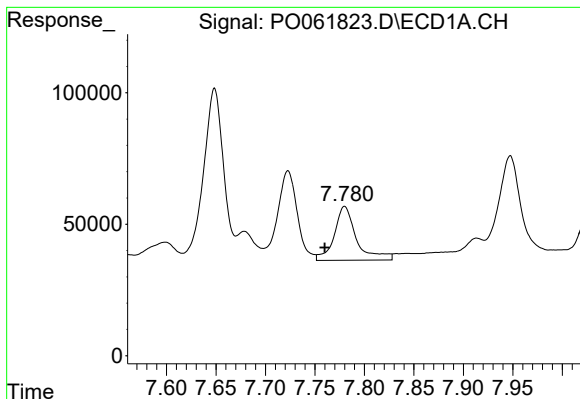
#32 AR-1260-2

R.T.: 7.408 min
Delta R.T.: 0.008 min
Response: 280909
Conc: 88.11 ng/ml



#32 AR-1260-2

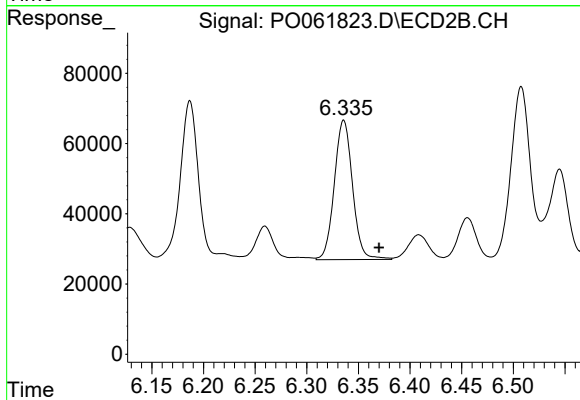
R.T.: 6.187 min
Delta R.T.: -0.033 min
Response: 576946
Conc: 240.22 ng/ml



#33 AR-1260-3

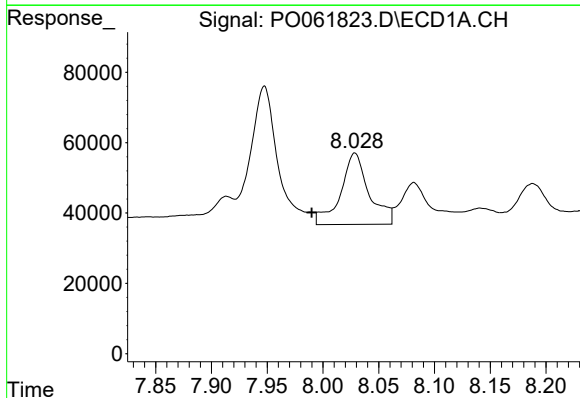
R.T.: 7.780 min
Delta R.T.: 0.020 min
Response: 320235
Conc: 133.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



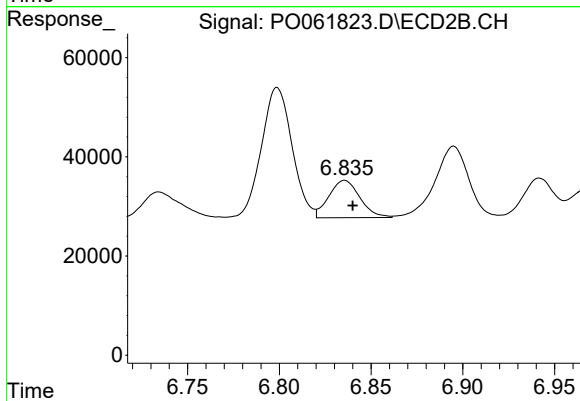
#33 AR-1260-3

R.T.: 6.336 min
Delta R.T.: -0.034 min
Response: 486554
Conc: 215.95 ng/ml



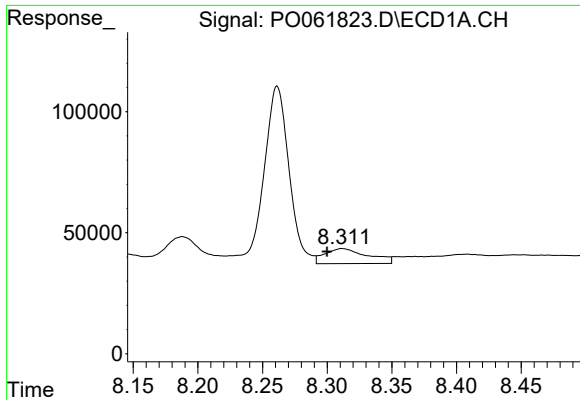
#34 AR-1260-4

R.T.: 8.029 min
Delta R.T.: 0.039 min
Response: 360507
Conc: 134.92 ng/ml



#34 AR-1260-4

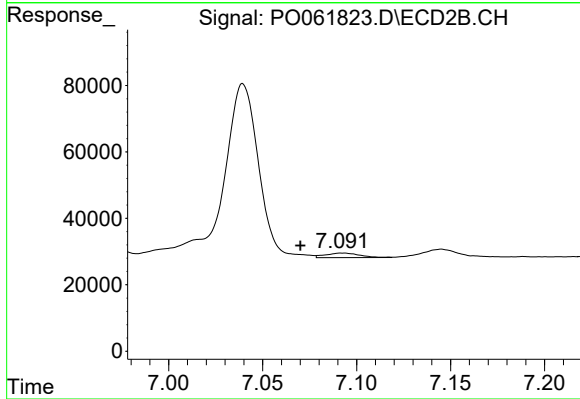
R.T.: 6.836 min
Delta R.T.: -0.004 min
Response: 88713
Conc: 48.05 ng/ml



#35 AR-1260-5

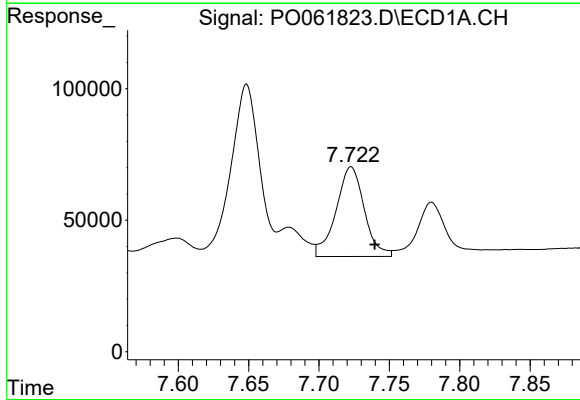
R.T.: 8.312 min
Delta R.T.: 0.012 min
Response: 144987
Conc: 29.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



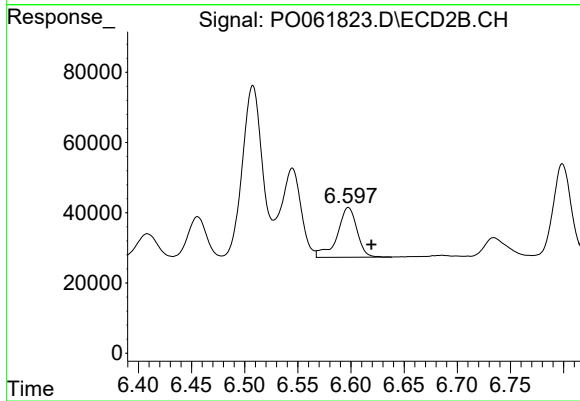
#35 AR-1260-5

R.T.: 7.093 min
Delta R.T.: 0.023 min
Response: 17238
Conc: 4.43 ng/ml



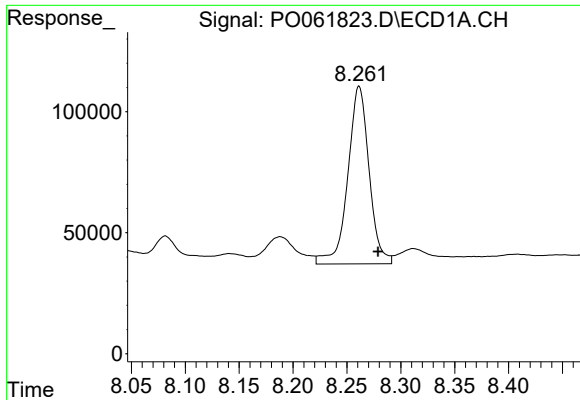
#36 AR-1262-1

R.T.: 7.723 min
Delta R.T.: -0.017 min
Response: 477030
Conc: 124.50 ng/ml



#36 AR-1262-1

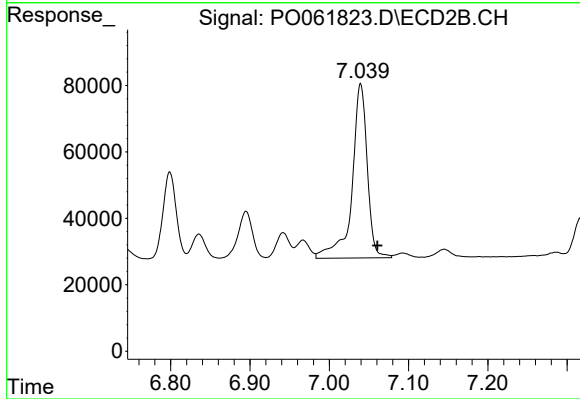
R.T.: 6.598 min
Delta R.T.: -0.022 min
Response: 184413
Conc: 151.08 ng/ml



#37 AR-1262-2

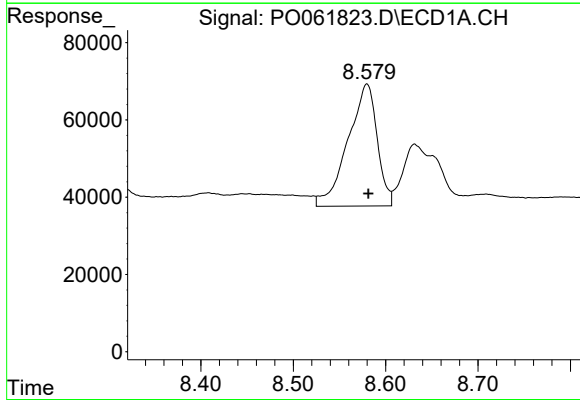
R.T.: 8.261 min
Delta R.T.: -0.018 min
Response: 1007786
Conc: 162.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



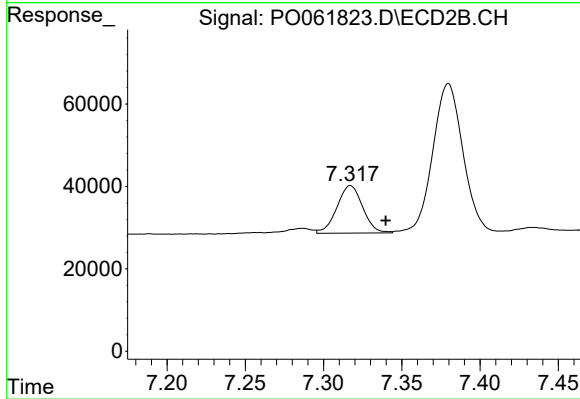
#37 AR-1262-2

R.T.: 7.040 min
Delta R.T.: -0.021 min
Response: 702430
Conc: 152.77 ng/ml



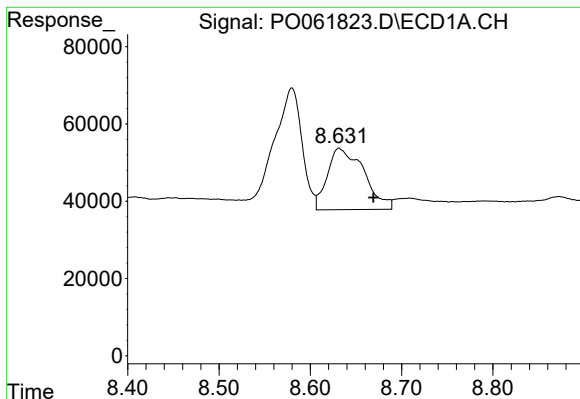
#38 AR-1262-3

R.T.: 8.580 min
Delta R.T.: -0.002 min
Response: 694781
Conc: 167.16 ng/ml



#38 AR-1262-3

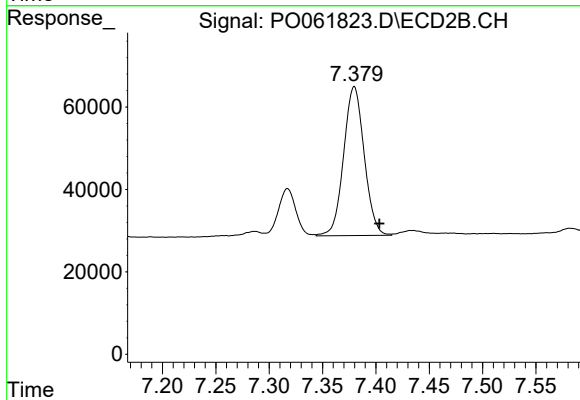
R.T.: 7.317 min
Delta R.T.: -0.023 min
Response: 132457
Conc: 70.31 ng/ml



#39 AR-1262-4

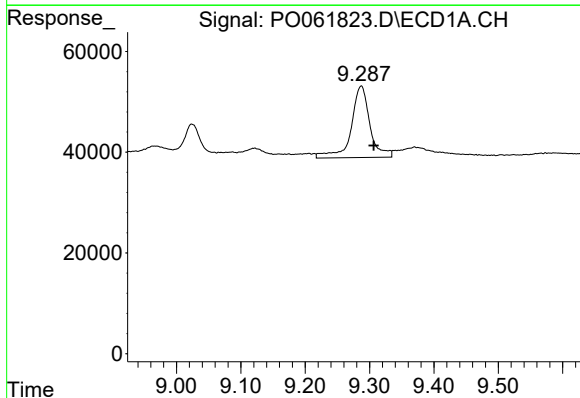
R.T.: 8.631 min
Delta R.T.: -0.038 min
Response: 443040
Conc: 140.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



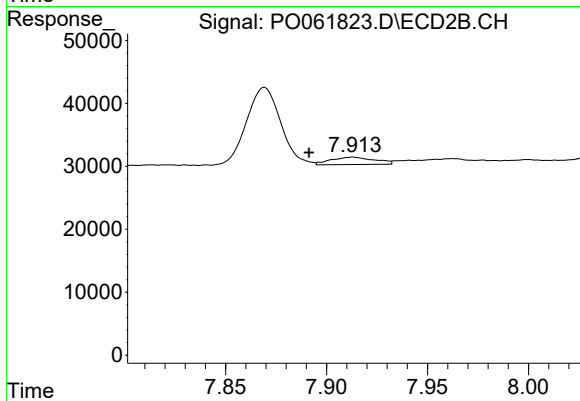
#39 AR-1262-4

R.T.: 7.380 min
Delta R.T.: -0.024 min
Response: 485180
Conc: 144.37 ng/ml



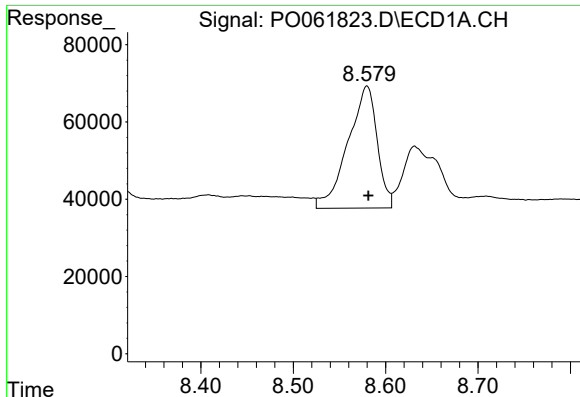
#40 AR-1262-5

R.T.: 9.287 min
Delta R.T.: -0.019 min
Response: 285630
Conc: 140.45 ng/ml



#40 AR-1262-5

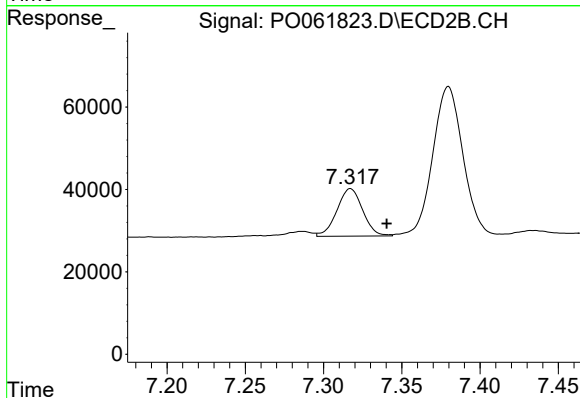
R.T.: 7.913 min
Delta R.T.: 0.022 min
Response: 17859
Conc: 11.78 ng/ml



#41 AR-1268-1

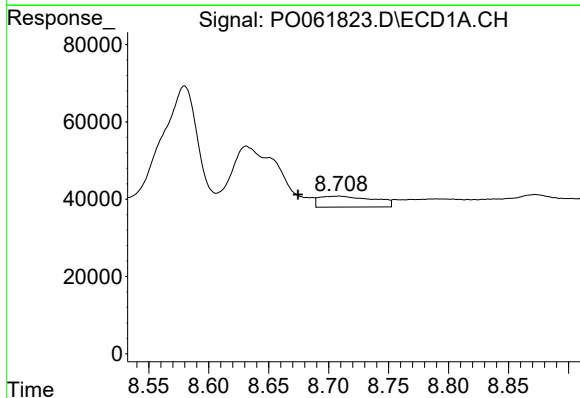
R.T.: 8.580 min
Delta R.T.: -0.002 min
Response: 694781
Conc: 103.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



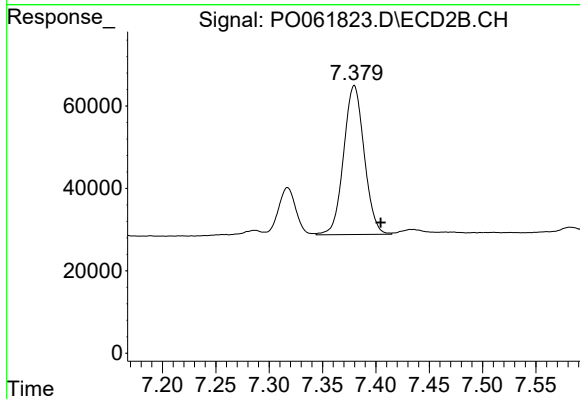
#41 AR-1268-1

R.T.: 7.317 min
Delta R.T.: -0.023 min
Response: 132457
Conc: 27.43 ng/ml



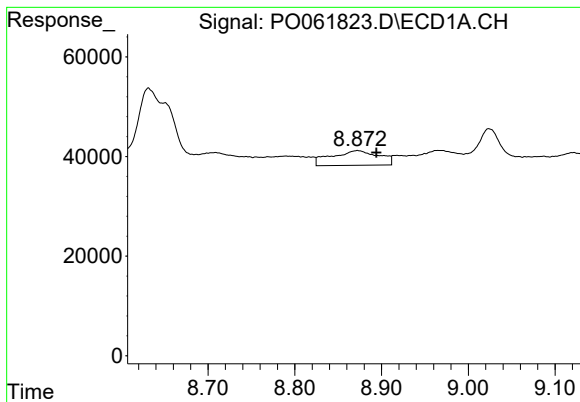
#42 AR-1268-2

R.T.: 8.709 min
Delta R.T.: 0.034 min
Response: 89835
Conc: 14.51 ng/ml



#42 AR-1268-2

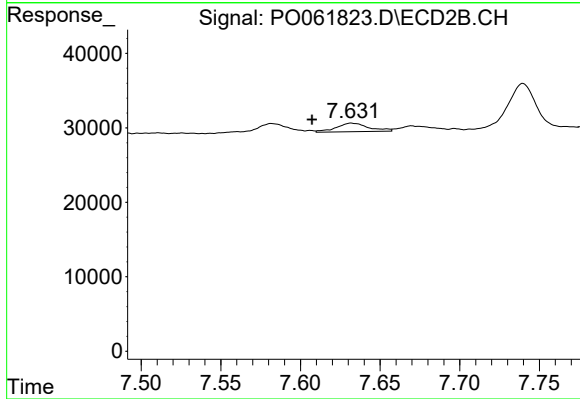
R.T.: 7.380 min
Delta R.T.: -0.025 min
Response: 485180
Conc: 112.58 ng/ml



#43 AR-1268-3

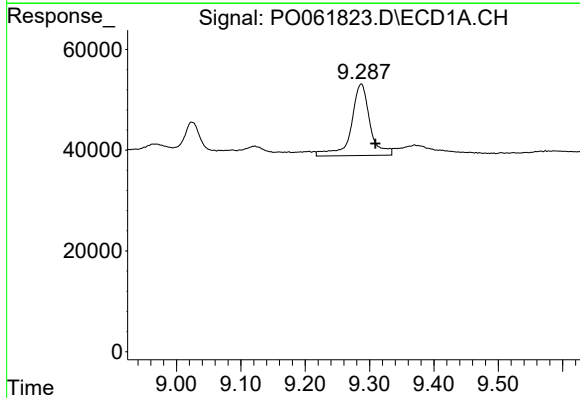
R.T.: 8.872 min
Delta R.T.: -0.022 min
Response: 113055
Conc: 22.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



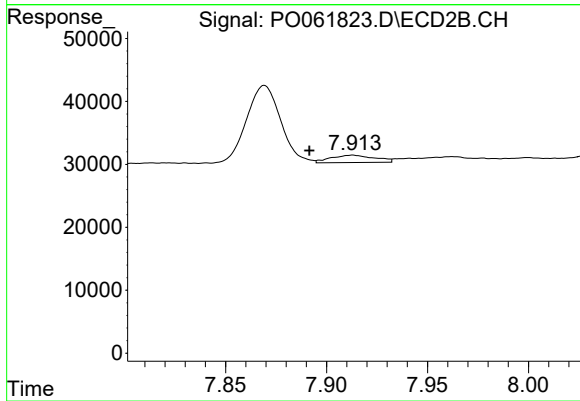
#43 AR-1268-3

R.T.: 7.632 min
Delta R.T.: 0.025 min
Response: 16288
Conc: 4.54 ng/ml



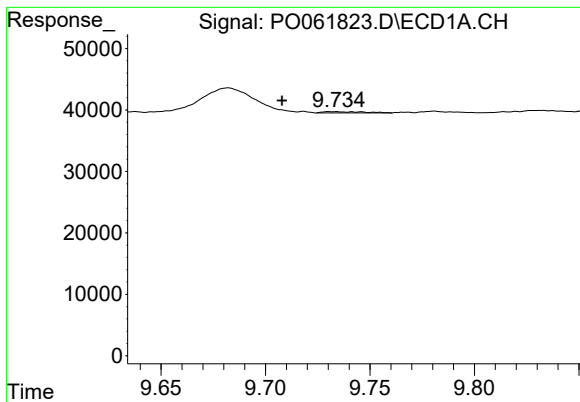
#44 AR-1268-4

R.T.: 9.287 min
Delta R.T.: -0.022 min
Response: 285630
Conc: 130.63 ng/ml



#44 AR-1268-4

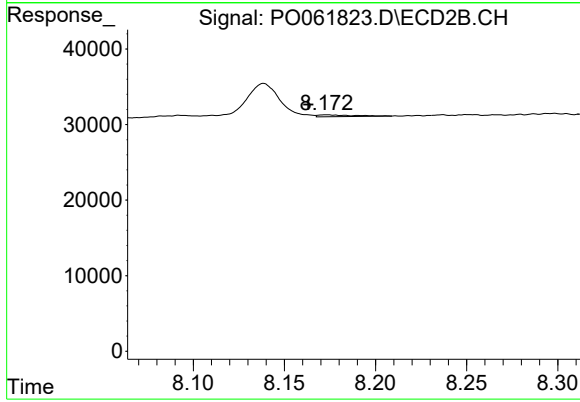
R.T.: 7.913 min
Delta R.T.: 0.022 min
Response: 17859
Conc: 11.10 ng/ml



#45 AR-1268-5

R.T.: 9.732 min
Delta R.T.: 0.024 min
Response: 2762
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.173 min
Delta R.T.: 0.010 min
Response: 3308
Conc: 0.33 ng/ml