

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100919\
 Data File : PO061815.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Oct 2019 10:31
 Operator : HP/AJ
 Sample : K5213-04DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 10:50:02 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...	4.347	3.508	206874	159420	5.044	4.930
2)	SA Decachlor...	10.002	8.415	194850	9002	4.184	0.278 #
Target Compounds							
3)	L1 AR-1016-1	5.513	4.574	41990	5945	22.899	4.421 #
4)	L1 AR-1016-2	5.569	4.590	3381	2160	1.308	1.166
5)	L1 AR-1016-3	5.628	4.759	2964	173114	1.845	172.816 #
6)	L1 AR-1016-4	5.732	4.787	308178	47890	230.510	55.265 #
7)	L1 AR-1016-5	5.984	5.022	128000	106898	93.333	93.652
8)	L2 AR-1221-1	4.592	3.722	744	238	1.610	0.601 #
9)	L2 AR-1221-2	4.650	3.799	5023	1166	13.990	3.782 #
10)	L2 AR-1221-3	4.743	3.894	1561	1480	1.371	1.622
11)	L3 AR-1232-1	4.743	3.894	1561	1480	1.116	1.318
12)	L3 AR-1232-2	5.251	4.590	5224	2160	6.658	1.770 #
13)	L3 AR-1232-3	5.569	4.759	3381	173114	1.978	262.193 #
14)	L3 AR-1232-4	5.732	4.846	308178	70492	348.308	111.830 #
15)	L3 AR-1232-5	5.782	5.022	52765	106898	76.103	155.794 #
16)	L4 AR-1242-1	5.513	4.574	41990	5945	29.567	5.803 #
17)	L4 AR-1242-2	5.569	4.590	3381	2160	1.682	1.532
18)	L4 AR-1242-3	5.628	4.759	2964	173114	2.349	221.690 #
19)	L4 AR-1242-4	5.732	4.846	308178	70492	293.289	85.904 #
20)	L4 AR-1242-5	6.451	5.374	136030	14334	101.705	13.381 #
21)	L5 AR-1248-1	5.513	4.574	41990	5945	35.742	6.644 #
22)	L5 AR-1248-2	5.782	4.787	52765	47890	31.274	40.645 #
23)	L5 AR-1248-3	5.984	4.846	128000	70492	68.491	56.790
24)	L5 AR-1248-4	6.388	5.022	37153	106898	15.724	71.109 #
25)	L5 AR-1248-5	6.451	5.412	136030	94578	59.993	61.648
26)	L6 AR-1254-1	6.388	5.374	37153	14334	16.285	6.535 #
27)	L6 AR-1254-2	6.580	5.480	430396	220090	119.122	112.263
28)	L6 AR-1254-3	6.945	5.886	253693	195192	64.927	61.309
29)	L6 AR-1254-4	7.230	6.128	215937	118517	71.299	58.416
30)	L6 AR-1254-5	7.684	6.544	1023207	349933	325.820	123.718 #
31)	L7 AR-1260-1	7.103	6.000	1689622	518214	647.230	254.052 #
32)	L7 AR-1260-2	7.356	6.198	1975446	1441214	619.652	600.072
33)	L7 AR-1260-3	7.722	6.334	420123	488071	174.915	216.621
34)	L7 AR-1260-4	7.947	6.837	547720	226662	204.981	122.771 #
35)	L7 AR-1260-5	8.261	7.038	1159264	748189	234.283	192.157
36)	L8 AR-1262-1	7.722	6.605	420123	768117	109.650	629.275 #
37)	L8 AR-1262-2	8.261	7.038	1159264	748189	186.735	162.720
38)	L8 AR-1262-3	8.579	7.317	796418	224769	191.616	119.315 #
39)	L8 AR-1262-4	8.630	7.377	463268	605141	146.749	180.062
40)	L8 AR-1262-5	9.285	7.911	222082	14631	109.205	9.651 #
41)	L9 AR-1268-1	8.579	7.317	796418	224769	118.437	46.544 #

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 ALS Vial : 6 Sample Multiplier: 1

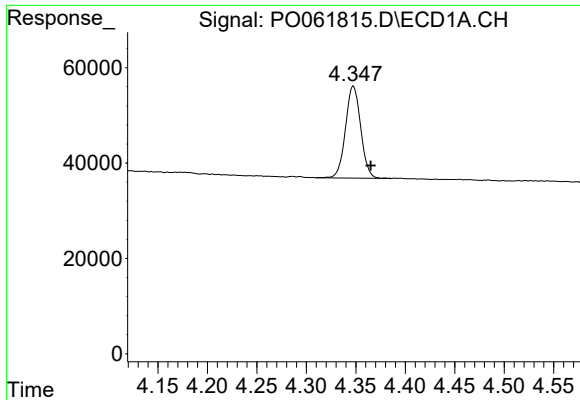
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 10:50:02 2019
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Volume Inj. : 2 µl
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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	8.630	7.377	463268	605141	74.812	140.409 #
43) L9	AR-1268-3	8.916	7.618	82820	29899	16.201	8.342 #
44) L9	AR-1268-4	9.285	7.911	222082	14631	101.565	9.091 #
45) L9	AR-1268-5	9.681	8.174	39908	306	2.656	0.030 #

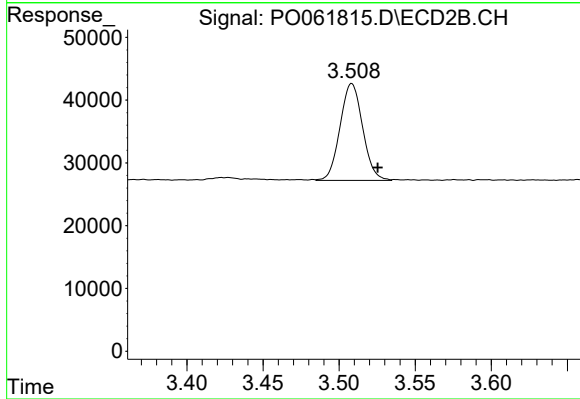
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

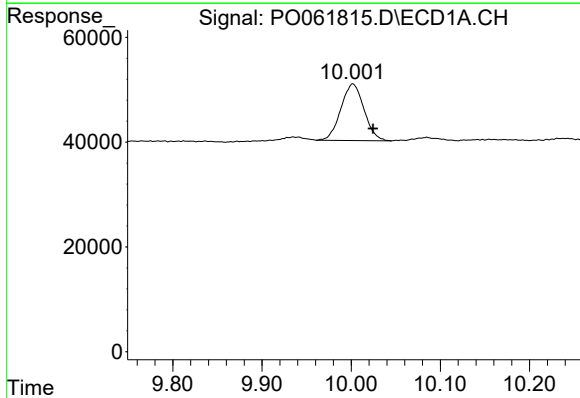
R.T.: 4.347 min
Delta R.T.: -0.018 min
Response: 206874
Conc: 5.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



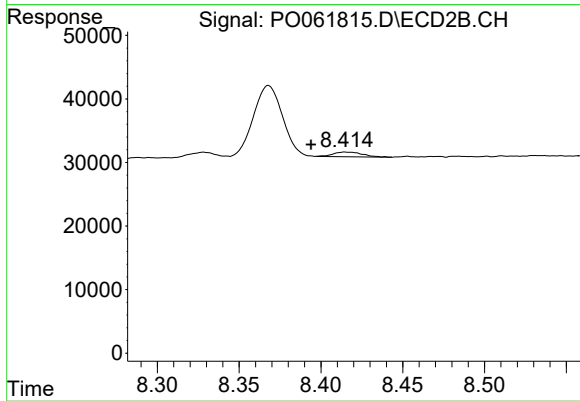
#1 Tetrachloro-m-xylene

R.T.: 3.508 min
Delta R.T.: -0.017 min
Response: 159420
Conc: 4.93 ng/ml



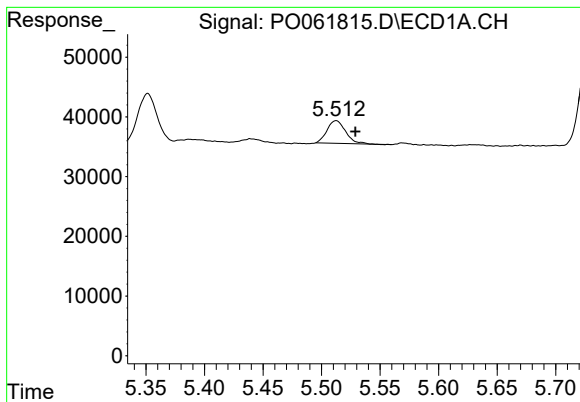
#2 Decachlorobiphenyl

R.T.: 10.002 min
Delta R.T.: -0.023 min
Response: 194850
Conc: 4.18 ng/ml



#2 Decachlorobiphenyl

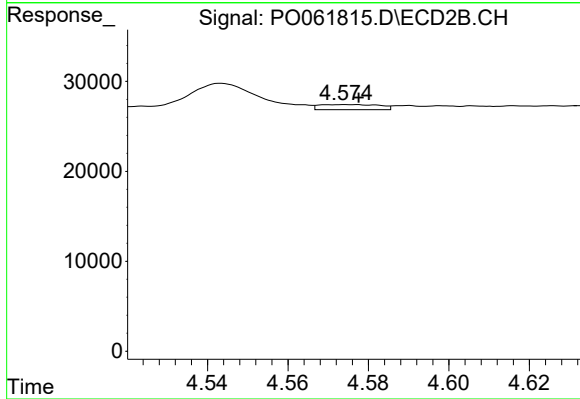
R.T.: 8.415 min
Delta R.T.: 0.021 min
Response: 9002
Conc: 0.28 ng/ml



#3 AR-1016-1

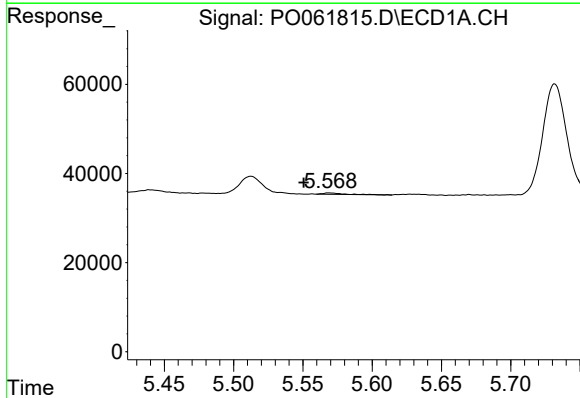
R.T.: 5.513 min
Delta R.T.: -0.016 min
Response: 41990
Conc: 22.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



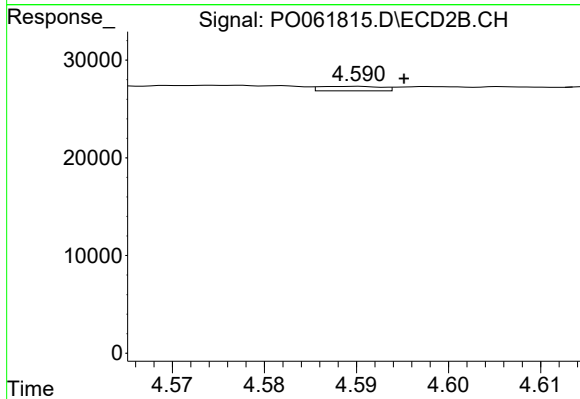
#3 AR-1016-1

R.T.: 4.574 min
Delta R.T.: -0.003 min
Response: 5945
Conc: 4.42 ng/ml



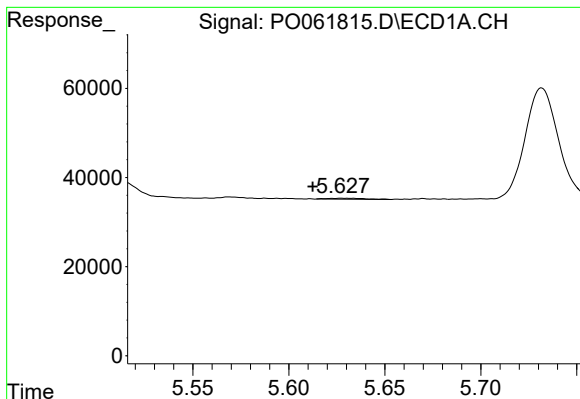
#4 AR-1016-2

R.T.: 5.569 min
Delta R.T.: 0.018 min
Response: 3381
Conc: 1.31 ng/ml



#4 AR-1016-2

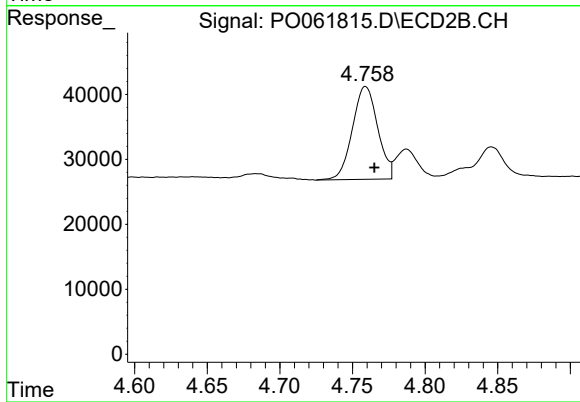
R.T.: 4.590 min
Delta R.T.: -0.005 min
Response: 2160
Conc: 1.17 ng/ml



#5 AR-1016-3

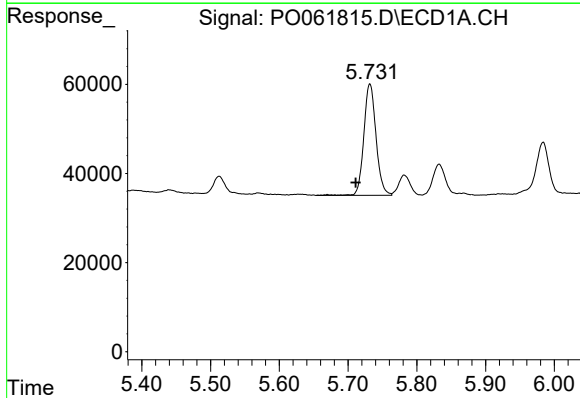
R.T.: 5.628 min
Delta R.T.: 0.016 min
Response: 2964
Conc: 1.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



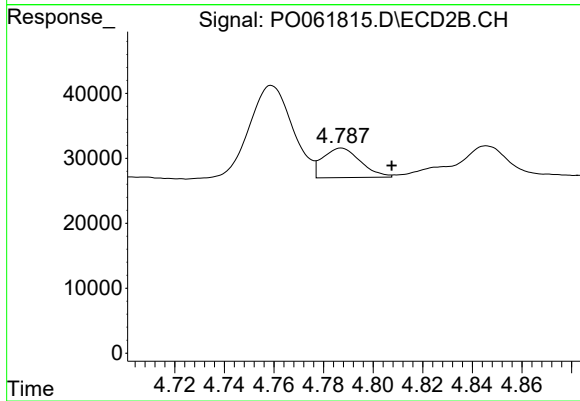
#5 AR-1016-3

R.T.: 4.759 min
Delta R.T.: -0.006 min
Response: 173114
Conc: 172.82 ng/ml



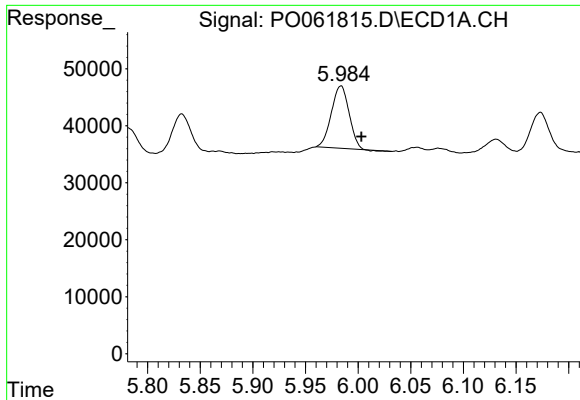
#6 AR-1016-4

R.T.: 5.732 min
Delta R.T.: 0.021 min
Response: 308178
Conc: 230.51 ng/ml



#6 AR-1016-4

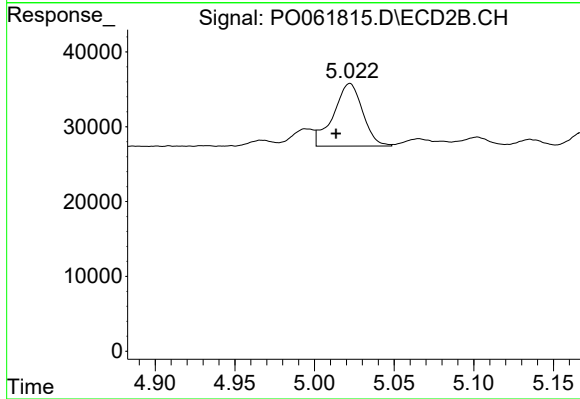
R.T.: 4.787 min
Delta R.T.: -0.020 min
Response: 47890
Conc: 55.26 ng/ml



#7 AR-1016-5

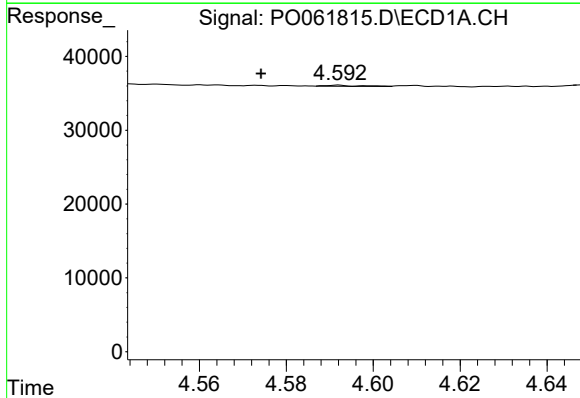
R.T.: 5.984 min
Delta R.T.: -0.020 min
Response: 128000
Conc: 93.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



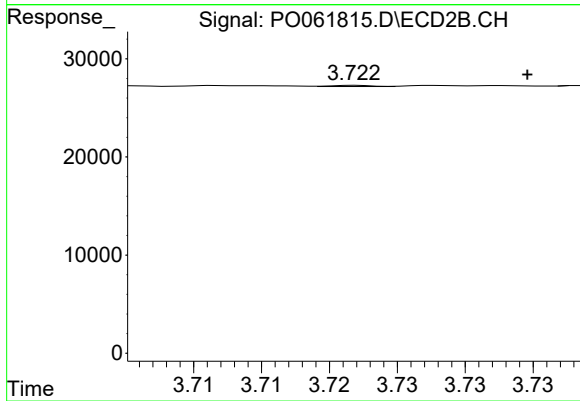
#7 AR-1016-5

R.T.: 5.022 min
Delta R.T.: 0.009 min
Response: 106898
Conc: 93.65 ng/ml



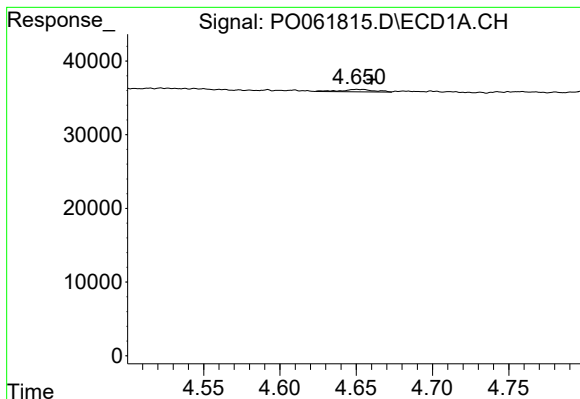
#8 AR-1221-1

R.T.: 4.592 min
Delta R.T.: 0.018 min
Response: 744
Conc: 1.61 ng/ml



#8 AR-1221-1

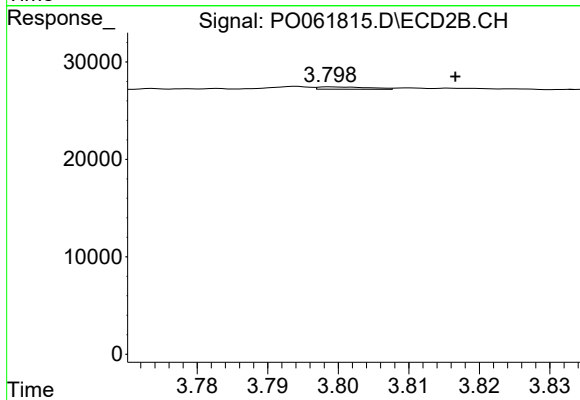
R.T.: 3.722 min
Delta R.T.: -0.013 min
Response: 238
Conc: 0.60 ng/ml



#9 AR-1221-2

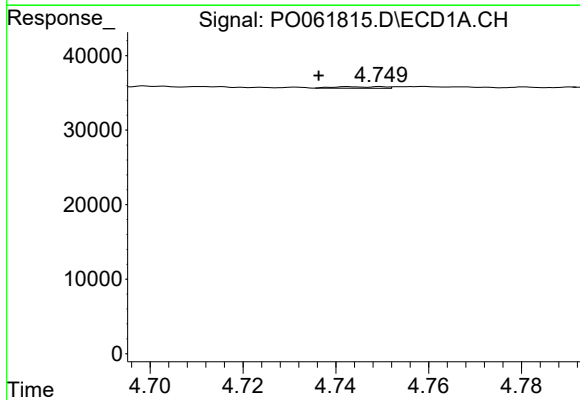
R.T.: 4.650 min
Delta R.T.: -0.010 min
Response: 5023
Conc: 13.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



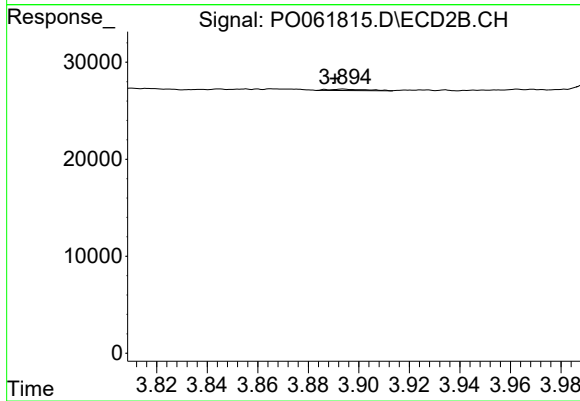
#9 AR-1221-2

R.T.: 3.799 min
Delta R.T.: -0.018 min
Response: 1166
Conc: 3.78 ng/ml



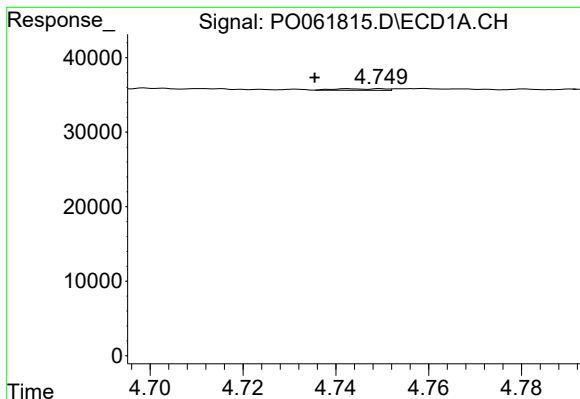
#10 AR-1221-3

R.T.: 4.743 min
Delta R.T.: 0.007 min
Response: 1561
Conc: 1.37 ng/ml



#10 AR-1221-3

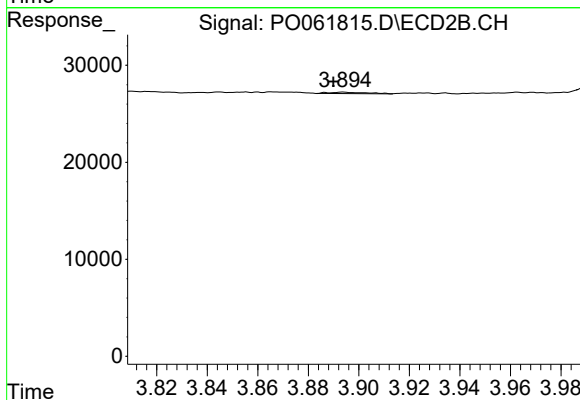
R.T.: 3.894 min
Delta R.T.: 0.003 min
Response: 1480
Conc: 1.62 ng/ml



#11 AR-1232-1

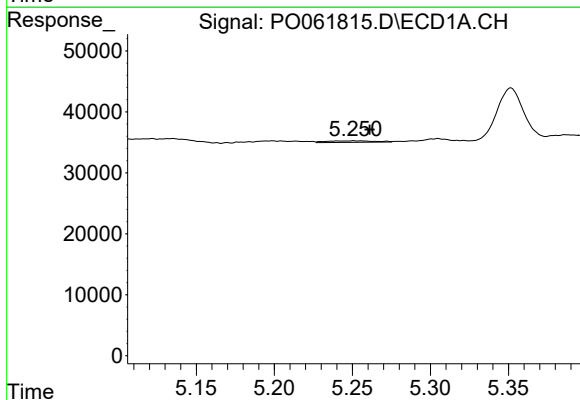
R.T.: 4.743 min
Delta R.T.: 0.007 min
Response: 1561
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



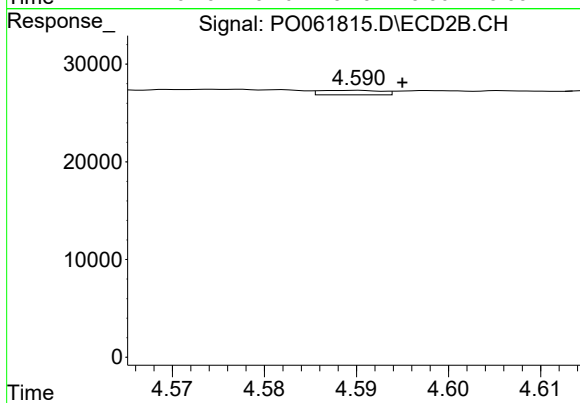
#11 AR-1232-1

R.T.: 3.894 min
Delta R.T.: 0.004 min
Response: 1480
Conc: 1.32 ng/ml



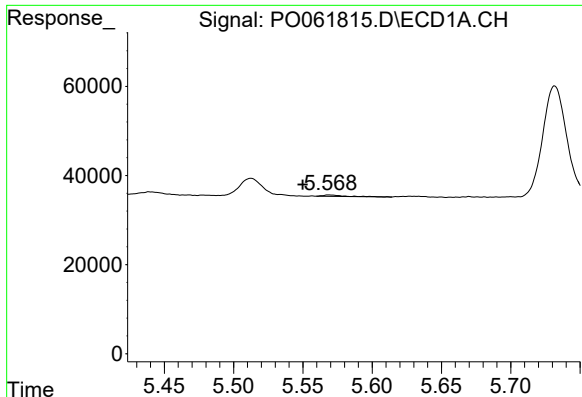
#12 AR-1232-2

R.T.: 5.251 min
Delta R.T.: -0.010 min
Response: 5224
Conc: 6.66 ng/ml



#12 AR-1232-2

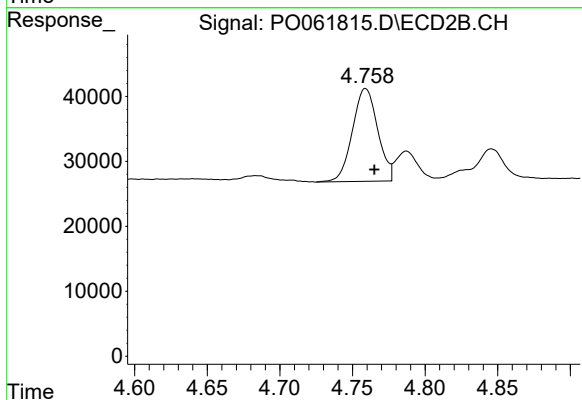
R.T.: 4.590 min
Delta R.T.: -0.005 min
Response: 2160
Conc: 1.77 ng/ml



#13 AR-1232-3

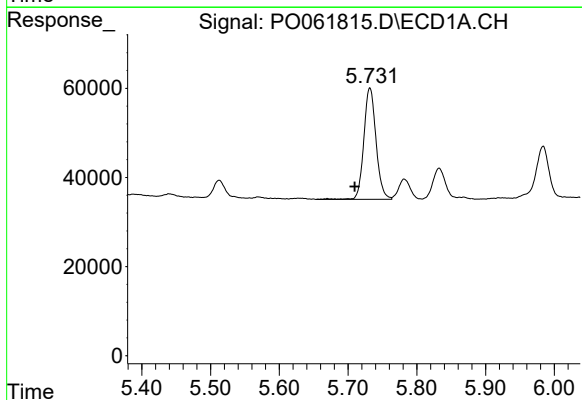
R.T.: 5.569 min
Delta R.T.: 0.019 min
Response: 3381
Conc: 1.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



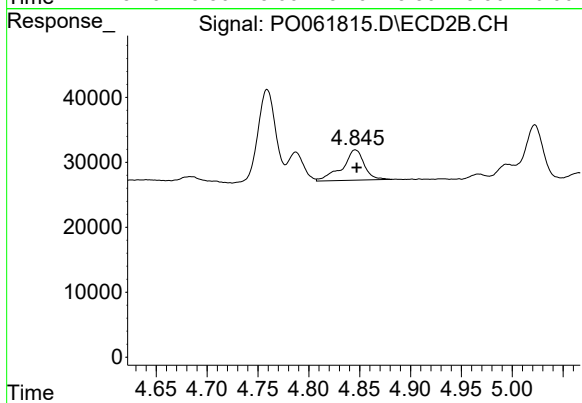
#13 AR-1232-3

R.T.: 4.759 min
Delta R.T.: -0.006 min
Response: 173114
Conc: 262.19 ng/ml



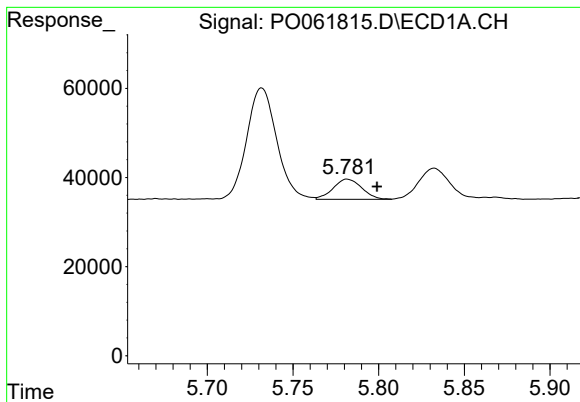
#14 AR-1232-4

R.T.: 5.732 min
Delta R.T.: 0.022 min
Response: 308178
Conc: 348.31 ng/ml



#14 AR-1232-4

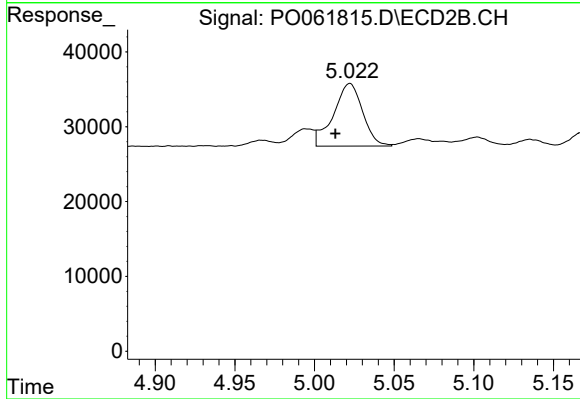
R.T.: 4.846 min
Delta R.T.: -0.001 min
Response: 70492
Conc: 111.83 ng/ml



#15 AR-1232-5

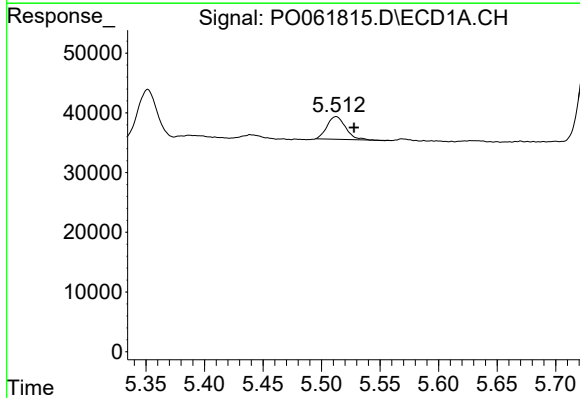
R.T.: 5.782 min
Delta R.T.: -0.017 min
Response: 52765
Conc: 76.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



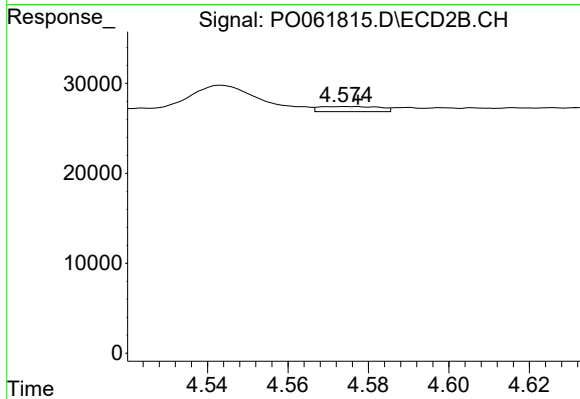
#15 AR-1232-5

R.T.: 5.022 min
Delta R.T.: 0.009 min
Response: 106898
Conc: 155.79 ng/ml



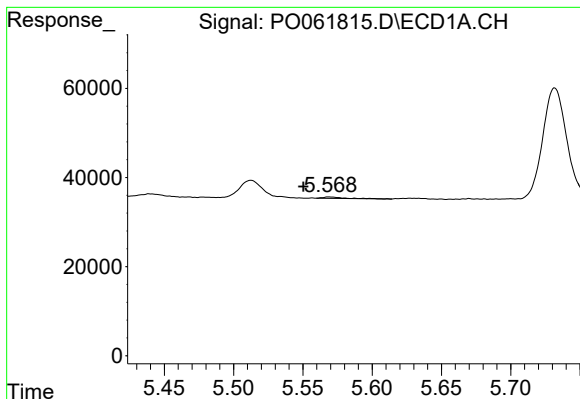
#16 AR-1242-1

R.T.: 5.513 min
Delta R.T.: -0.015 min
Response: 41990
Conc: 29.57 ng/ml



#16 AR-1242-1

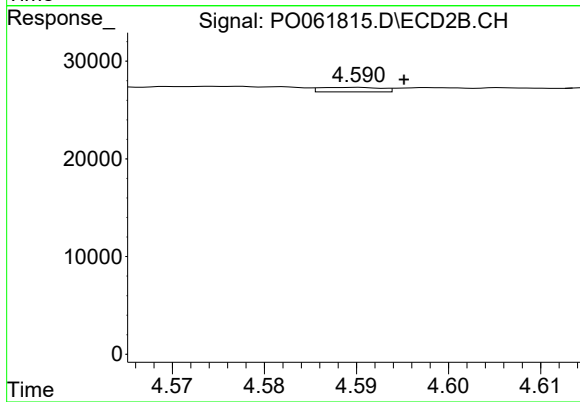
R.T.: 4.574 min
Delta R.T.: -0.003 min
Response: 5945
Conc: 5.80 ng/ml



#17 AR-1242-2

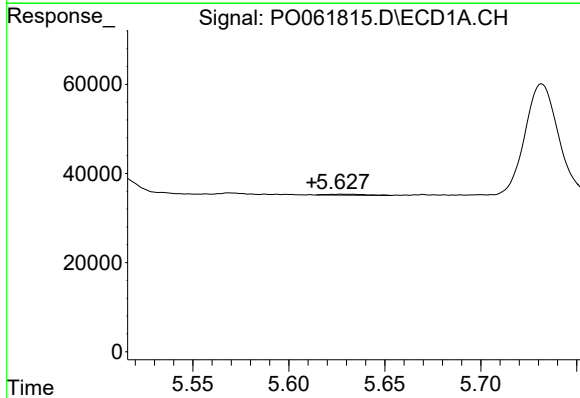
R.T.: 5.569 min
Delta R.T.: 0.019 min
Response: 3381
Conc: 1.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



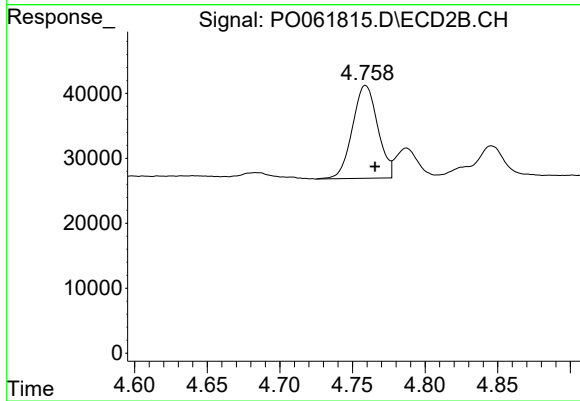
#17 AR-1242-2

R.T.: 4.590 min
Delta R.T.: -0.005 min
Response: 2160
Conc: 1.53 ng/ml



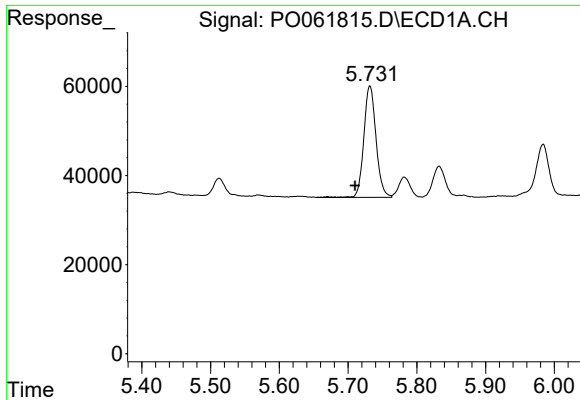
#18 AR-1242-3

R.T.: 5.628 min
Delta R.T.: 0.016 min
Response: 2964
Conc: 2.35 ng/ml



#18 AR-1242-3

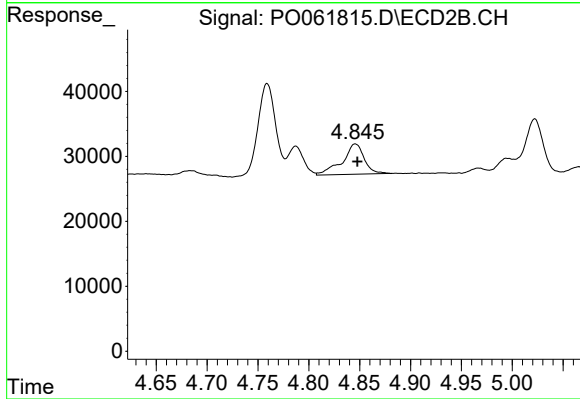
R.T.: 4.759 min
Delta R.T.: -0.007 min
Response: 173114
Conc: 221.69 ng/ml



#19 AR-1242-4

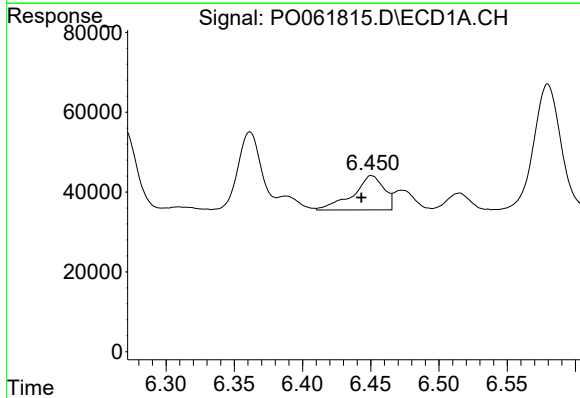
R.T.: 5.732 min
Delta R.T.: 0.022 min
Response: 308178
Conc: 293.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



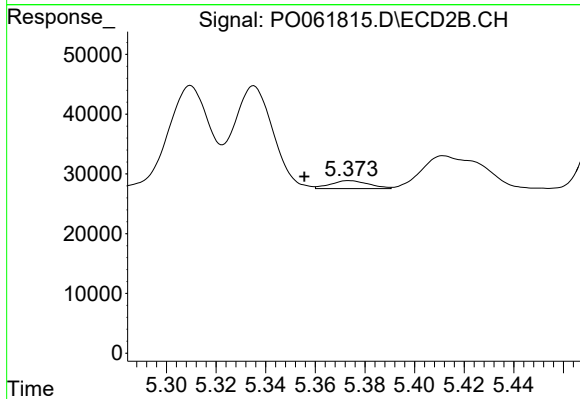
#19 AR-1242-4

R.T.: 4.846 min
Delta R.T.: -0.002 min
Response: 70492
Conc: 85.90 ng/ml



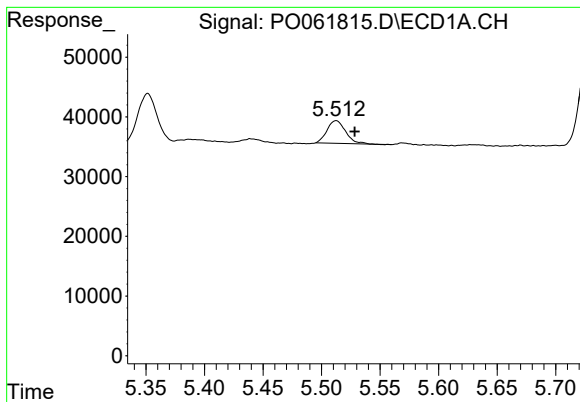
#20 AR-1242-5

R.T.: 6.451 min
Delta R.T.: 0.008 min
Response: 136030
Conc: 101.70 ng/ml



#20 AR-1242-5

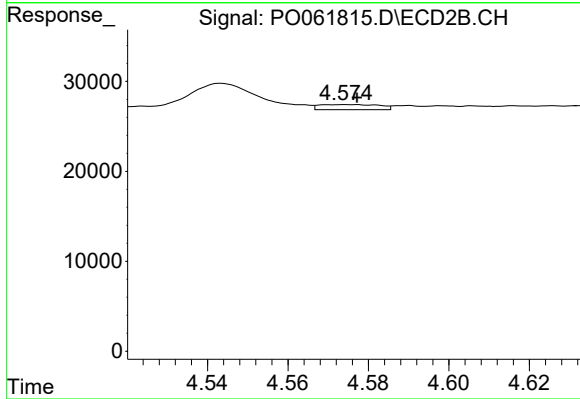
R.T.: 5.374 min
Delta R.T.: 0.018 min
Response: 14334
Conc: 13.38 ng/ml



#21 AR-1248-1

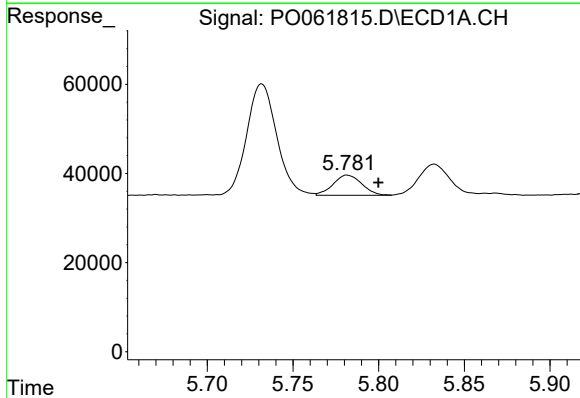
R.T.: 5.513 min
Delta R.T.: -0.016 min
Response: 41990
Conc: 35.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



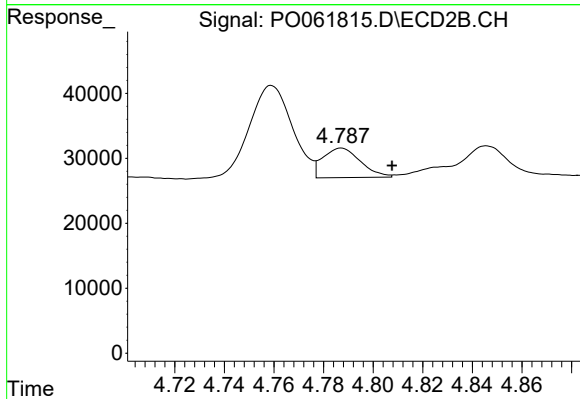
#21 AR-1248-1

R.T.: 4.574 min
Delta R.T.: -0.003 min
Response: 5945
Conc: 6.64 ng/ml



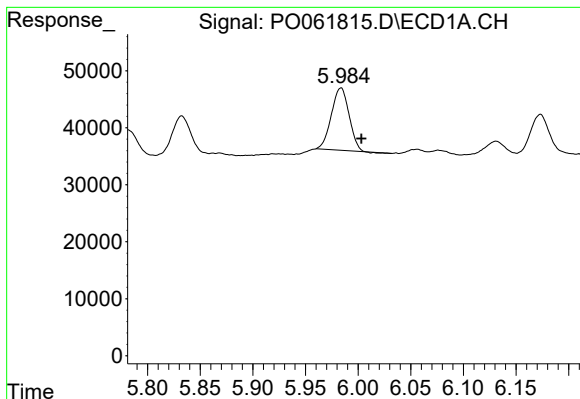
#22 AR-1248-2

R.T.: 5.782 min
Delta R.T.: -0.018 min
Response: 52765
Conc: 31.27 ng/ml



#22 AR-1248-2

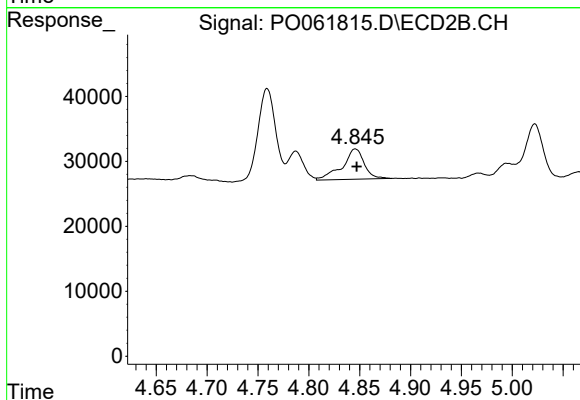
R.T.: 4.787 min
Delta R.T.: -0.020 min
Response: 47890
Conc: 40.64 ng/ml



#23 AR-1248-3

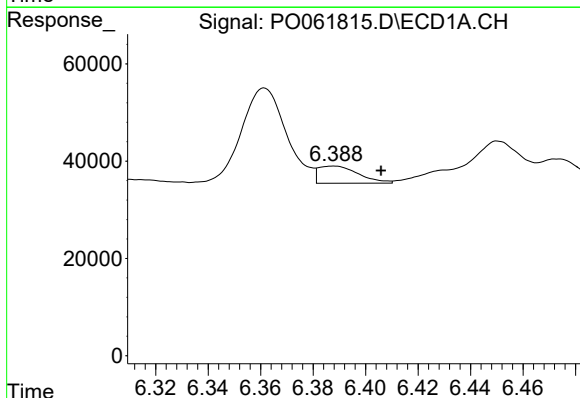
R.T.: 5.984 min
Delta R.T.: -0.019 min
Response: 128000
Conc: 68.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



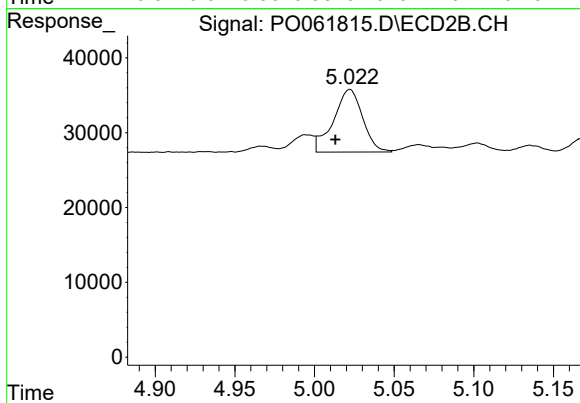
#23 AR-1248-3

R.T.: 4.846 min
Delta R.T.: -0.001 min
Response: 70492
Conc: 56.79 ng/ml



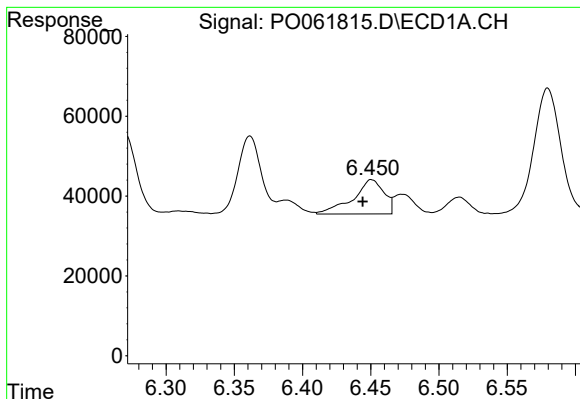
#24 AR-1248-4

R.T.: 6.388 min
Delta R.T.: -0.018 min
Response: 37153
Conc: 15.72 ng/ml



#24 AR-1248-4

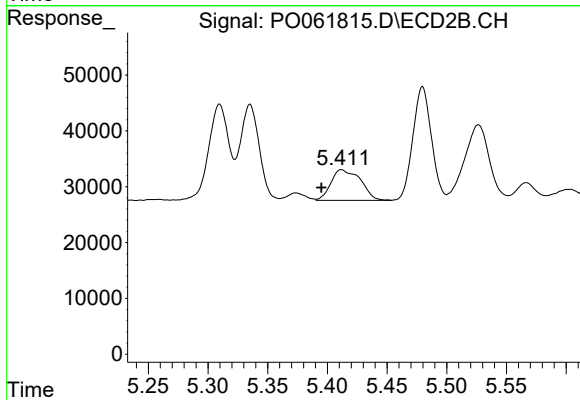
R.T.: 5.022 min
Delta R.T.: 0.009 min
Response: 106898
Conc: 71.11 ng/ml



#25 AR-1248-5

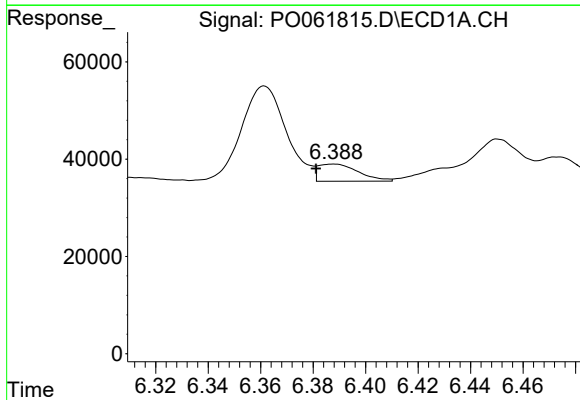
R.T.: 6.451 min
Delta R.T.: 0.007 min
Response: 136030
Conc: 59.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



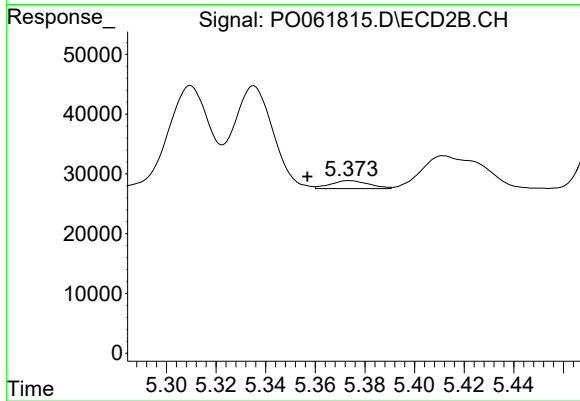
#25 AR-1248-5

R.T.: 5.412 min
Delta R.T.: 0.017 min
Response: 94578
Conc: 61.65 ng/ml



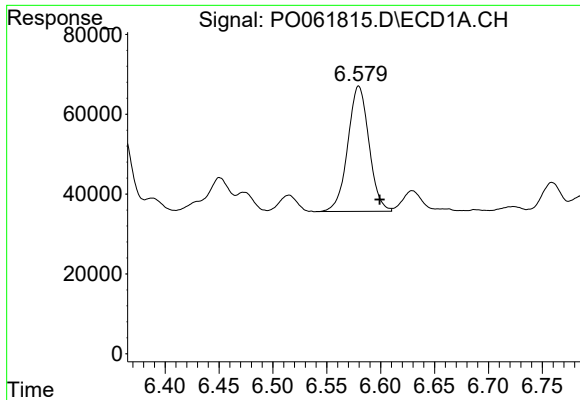
#26 AR-1254-1

R.T.: 6.388 min
Delta R.T.: 0.007 min
Response: 37153
Conc: 16.29 ng/ml



#26 AR-1254-1

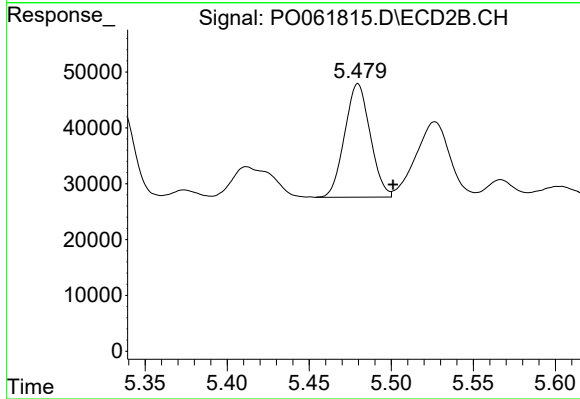
R.T.: 5.374 min
Delta R.T.: 0.017 min
Response: 14334
Conc: 6.54 ng/ml



#27 AR-1254-2

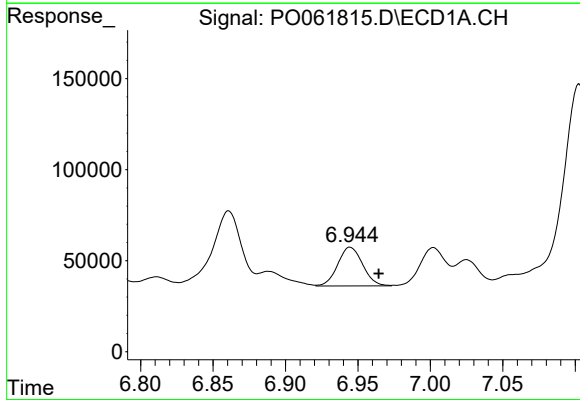
R.T.: 6.580 min
Delta R.T.: -0.020 min
Response: 430396
Conc: 119.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



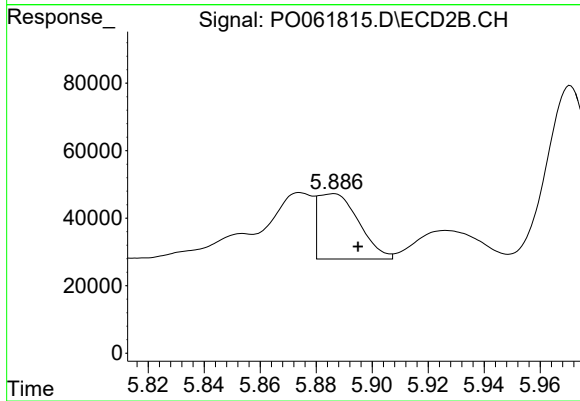
#27 AR-1254-2

R.T.: 5.480 min
Delta R.T.: -0.022 min
Response: 220090
Conc: 112.26 ng/ml



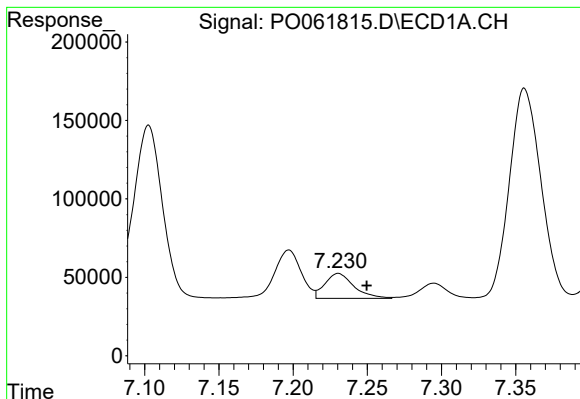
#28 AR-1254-3

R.T.: 6.945 min
Delta R.T.: -0.020 min
Response: 253693
Conc: 64.93 ng/ml



#28 AR-1254-3

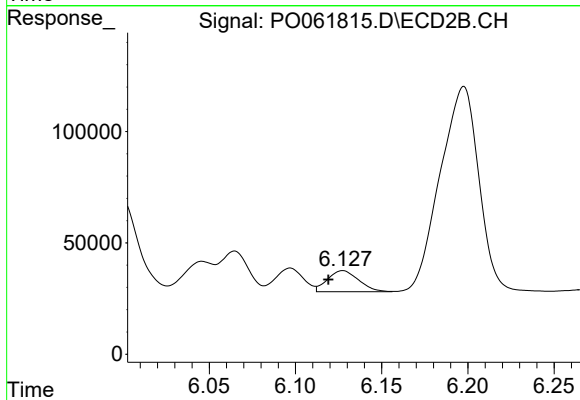
R.T.: 5.886 min
Delta R.T.: -0.009 min
Response: 195192
Conc: 61.31 ng/ml



#29 AR-1254-4

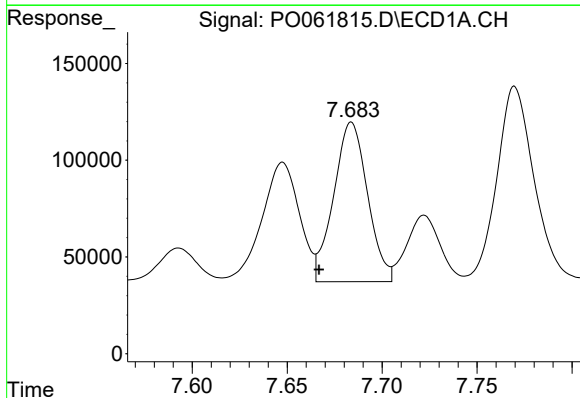
R.T.: 7.230 min
Delta R.T.: -0.019 min
Response: 215937
Conc: 71.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



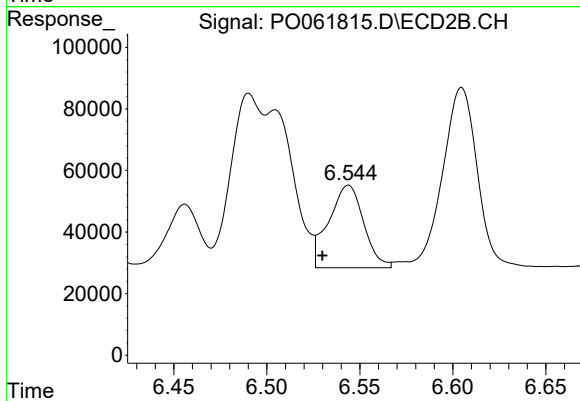
#29 AR-1254-4

R.T.: 6.128 min
Delta R.T.: 0.008 min
Response: 118517
Conc: 58.42 ng/ml



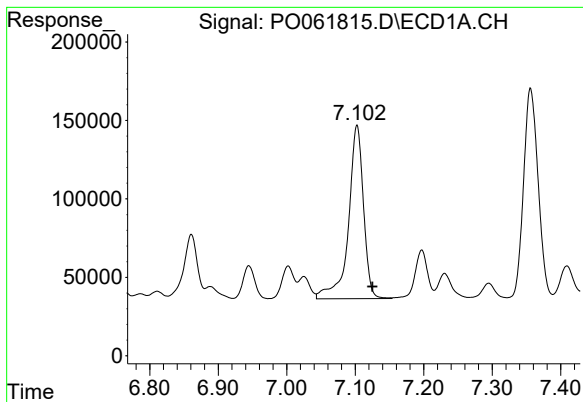
#30 AR-1254-5

R.T.: 7.684 min
Delta R.T.: 0.017 min
Response: 1023207
Conc: 325.82 ng/ml



#30 AR-1254-5

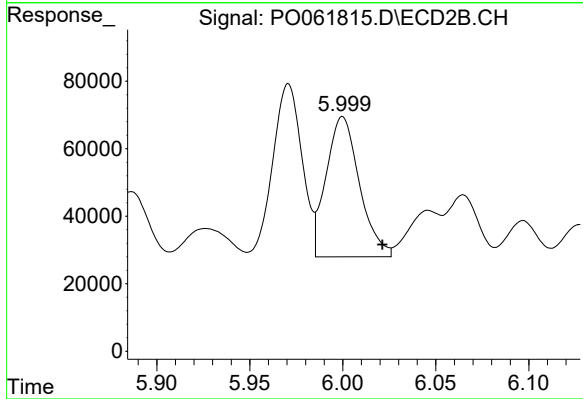
R.T.: 6.544 min
Delta R.T.: 0.014 min
Response: 349933
Conc: 123.72 ng/ml



#31 AR-1260-1

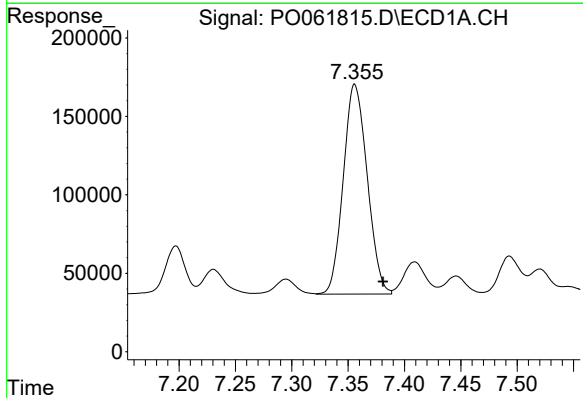
R.T.: 7.103 min
Delta R.T.: -0.022 min
Response: 1689622
Conc: 647.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



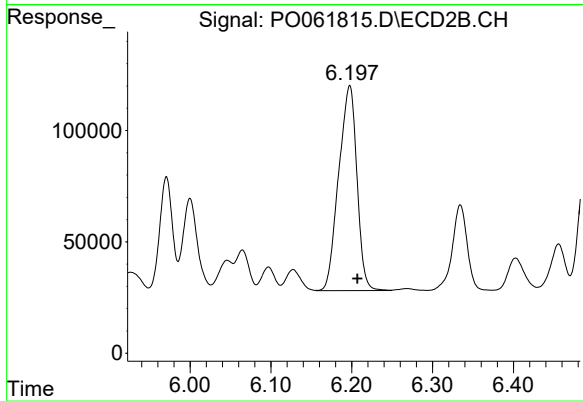
#31 AR-1260-1

R.T.: 6.000 min
Delta R.T.: -0.021 min
Response: 518214
Conc: 254.05 ng/ml



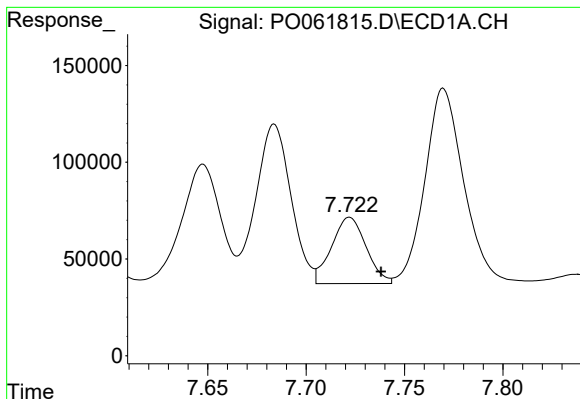
#32 AR-1260-2

R.T.: 7.356 min
Delta R.T.: -0.025 min
Response: 1975446
Conc: 619.65 ng/ml



#32 AR-1260-2

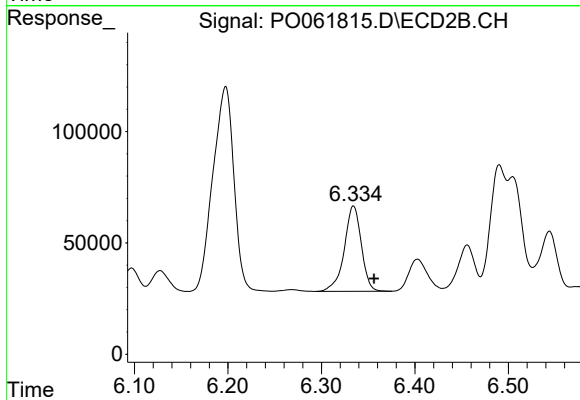
R.T.: 6.198 min
Delta R.T.: -0.009 min
Response: 1441214
Conc: 600.07 ng/ml



#33 AR-1260-3

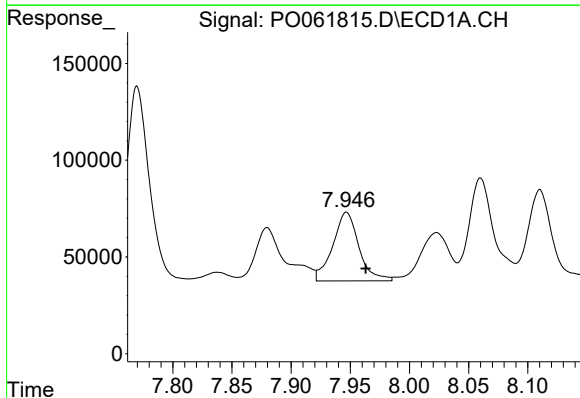
R.T.: 7.722 min
Delta R.T.: -0.016 min
Response: 420123
Conc: 174.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



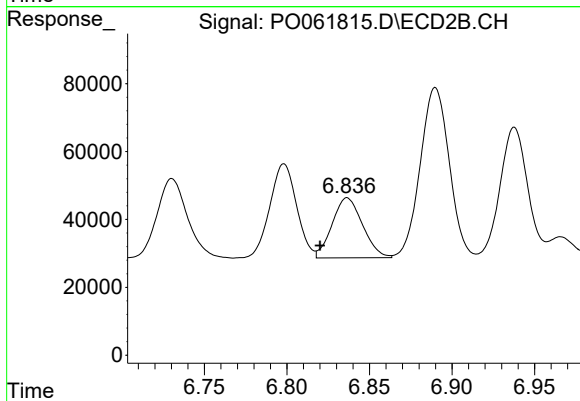
#33 AR-1260-3

R.T.: 6.334 min
Delta R.T.: -0.022 min
Response: 488071
Conc: 216.62 ng/ml



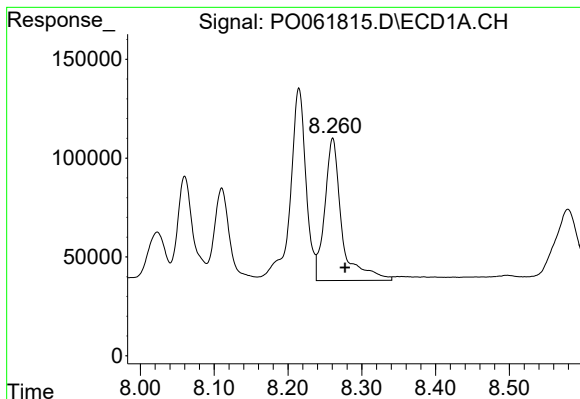
#34 AR-1260-4

R.T.: 7.947 min
Delta R.T.: -0.016 min
Response: 547720
Conc: 204.98 ng/ml



#34 AR-1260-4

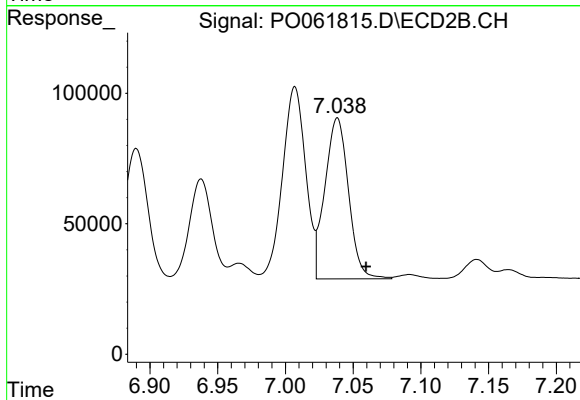
R.T.: 6.837 min
Delta R.T.: 0.016 min
Response: 226662
Conc: 122.77 ng/ml



#35 AR-1260-5

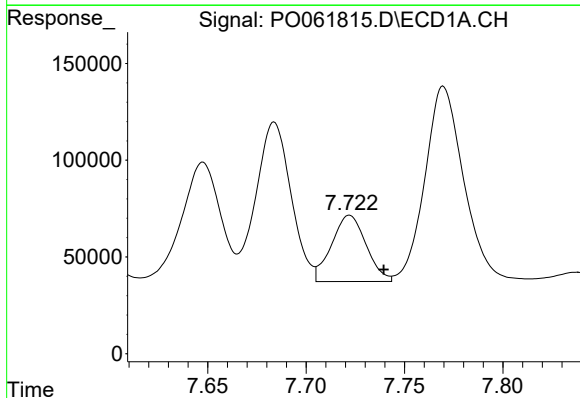
R.T.: 8.261 min
Delta R.T.: -0.017 min
Response: 1159264
Conc: 234.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



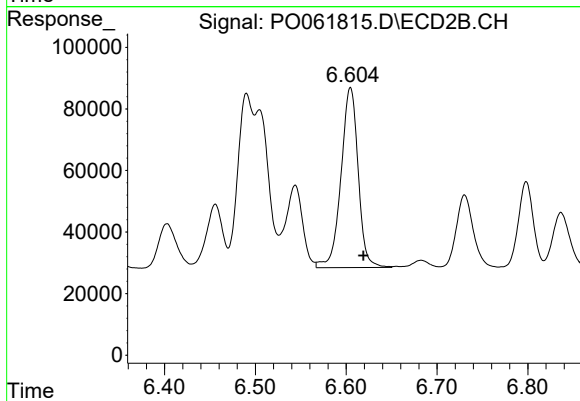
#35 AR-1260-5

R.T.: 7.038 min
Delta R.T.: -0.021 min
Response: 748189
Conc: 192.16 ng/ml



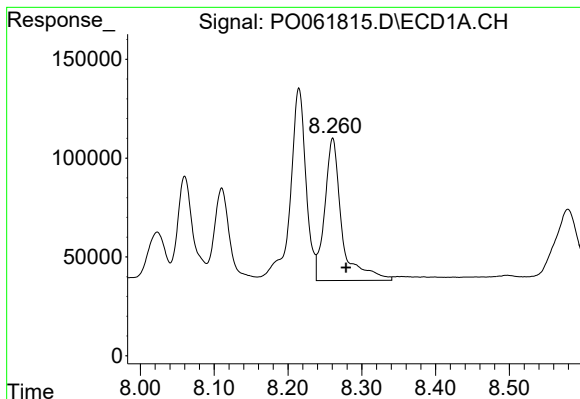
#36 AR-1262-1

R.T.: 7.722 min
Delta R.T.: -0.017 min
Response: 420123
Conc: 109.65 ng/ml



#36 AR-1262-1

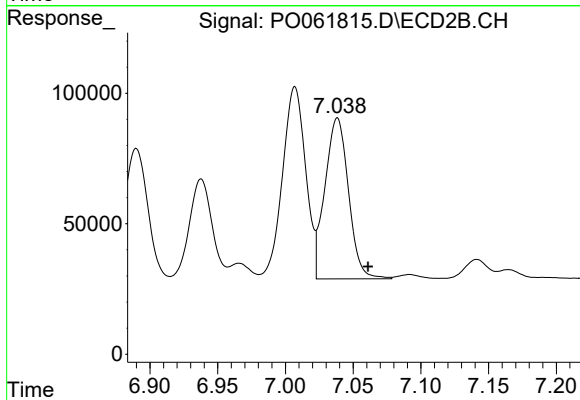
R.T.: 6.605 min
Delta R.T.: -0.014 min
Response: 768117
Conc: 629.28 ng/ml



#37 AR-1262-2

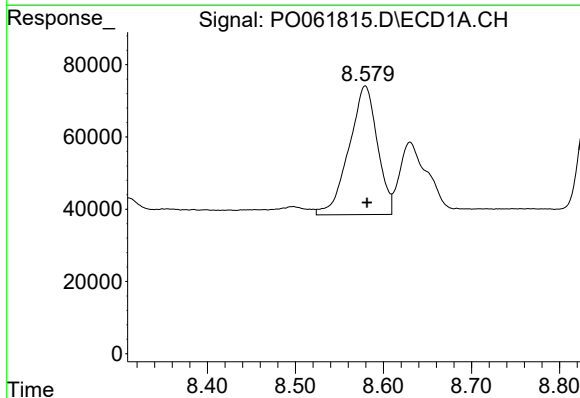
R.T.: 8.261 min
Delta R.T.: -0.018 min
Response: 1159264
Conc: 186.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



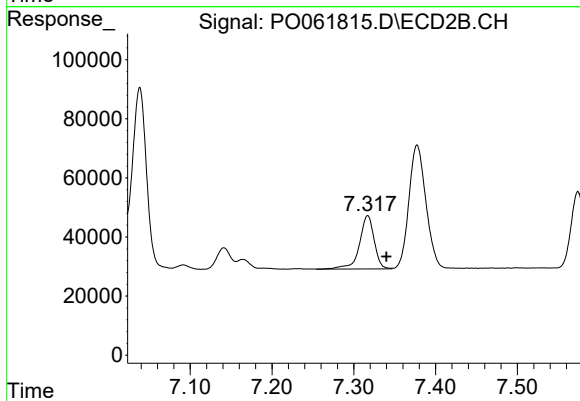
#37 AR-1262-2

R.T.: 7.038 min
Delta R.T.: -0.023 min
Response: 748189
Conc: 162.72 ng/ml



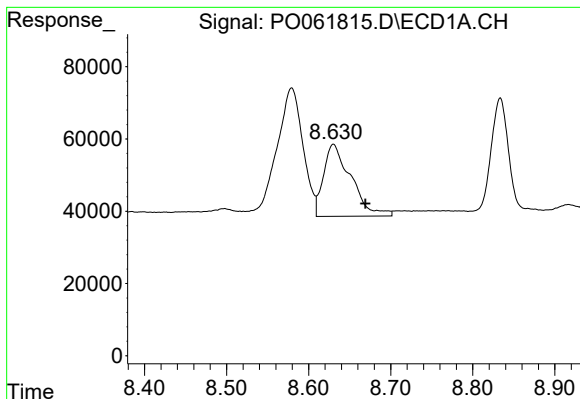
#38 AR-1262-3

R.T.: 8.579 min
Delta R.T.: -0.002 min
Response: 796418
Conc: 191.62 ng/ml



#38 AR-1262-3

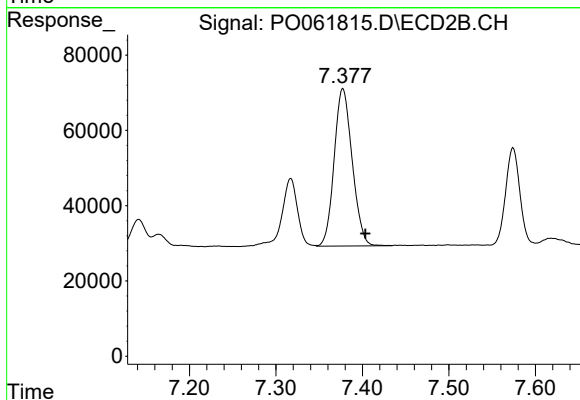
R.T.: 7.317 min
Delta R.T.: -0.023 min
Response: 224769
Conc: 119.32 ng/ml



#39 AR-1262-4

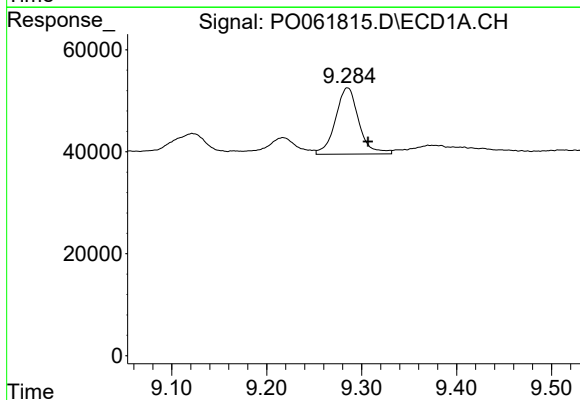
R.T.: 8.630 min
Delta R.T.: -0.039 min
Response: 463268
Conc: 146.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



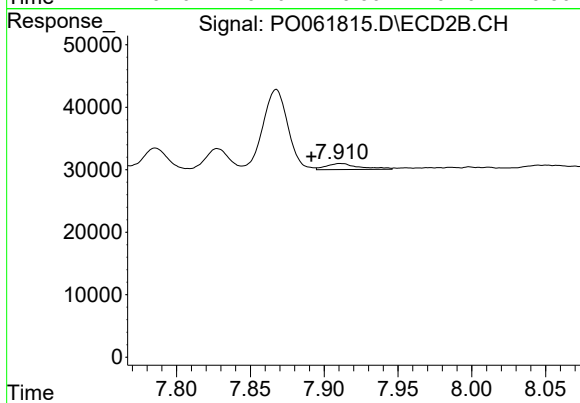
#39 AR-1262-4

R.T.: 7.377 min
Delta R.T.: -0.026 min
Response: 605141
Conc: 180.06 ng/ml



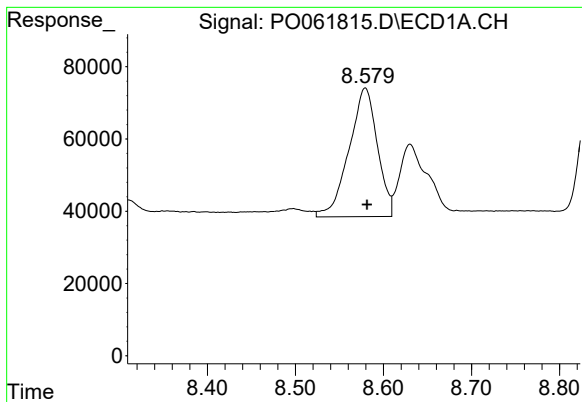
#40 AR-1262-5

R.T.: 9.285 min
Delta R.T.: -0.021 min
Response: 222082
Conc: 109.20 ng/ml



#40 AR-1262-5

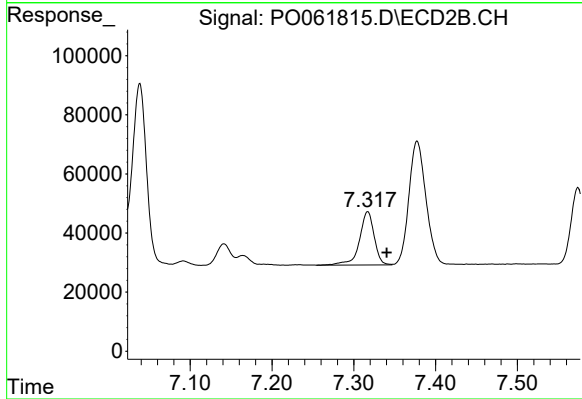
R.T.: 7.911 min
Delta R.T.: 0.020 min
Response: 14631
Conc: 9.65 ng/ml



#41 AR-1268-1

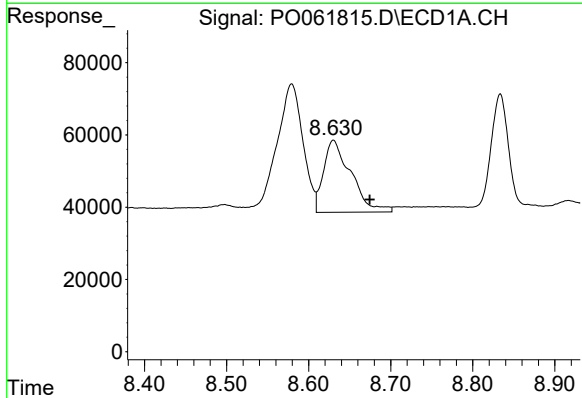
R.T.: 8.579 min
Delta R.T.: -0.002 min
Response: 796418
Conc: 118.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



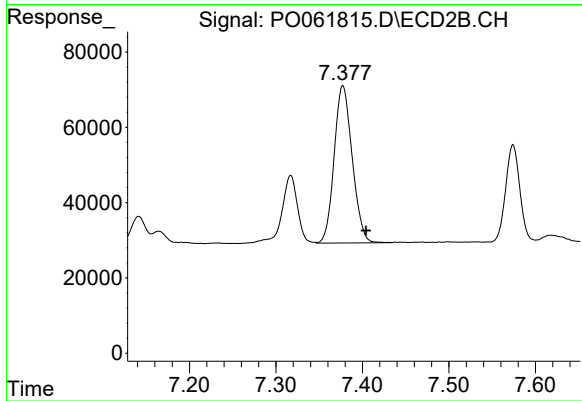
#41 AR-1268-1

R.T.: 7.317 min
Delta R.T.: -0.023 min
Response: 224769
Conc: 46.54 ng/ml



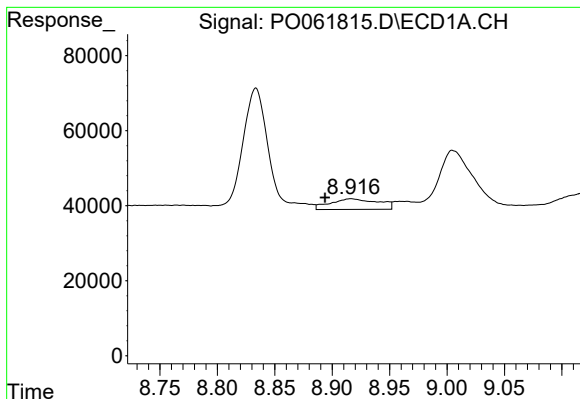
#42 AR-1268-2

R.T.: 8.630 min
Delta R.T.: -0.044 min
Response: 463268
Conc: 74.81 ng/ml



#42 AR-1268-2

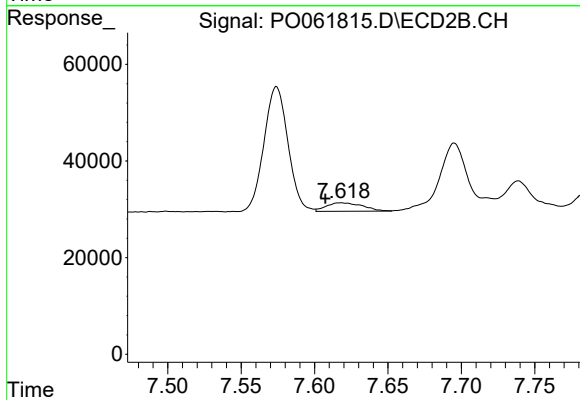
R.T.: 7.377 min
Delta R.T.: -0.027 min
Response: 605141
Conc: 140.41 ng/ml



#43 AR-1268-3

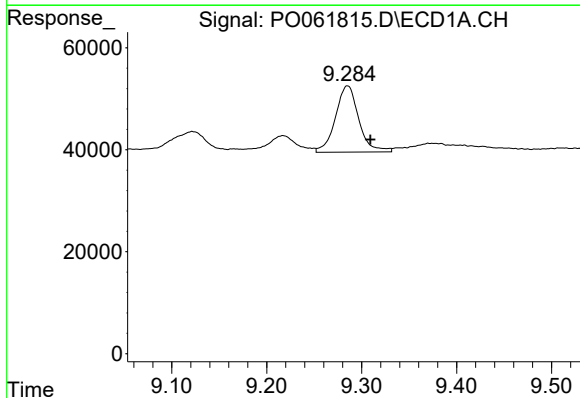
R.T.: 8.916 min
Delta R.T.: 0.022 min
Response: 82820
Conc: 16.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



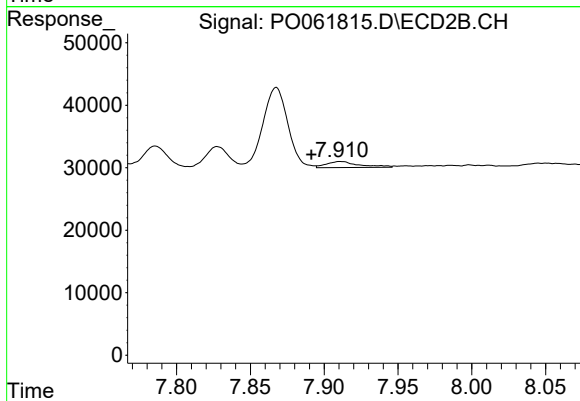
#43 AR-1268-3

R.T.: 7.618 min
Delta R.T.: 0.011 min
Response: 29899
Conc: 8.34 ng/ml



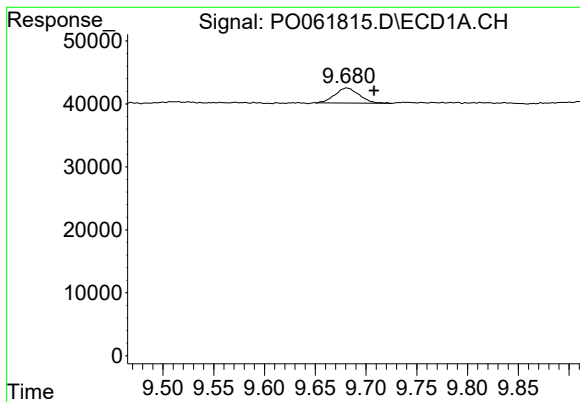
#44 AR-1268-4

R.T.: 9.285 min
Delta R.T.: -0.024 min
Response: 222082
Conc: 101.57 ng/ml



#44 AR-1268-4

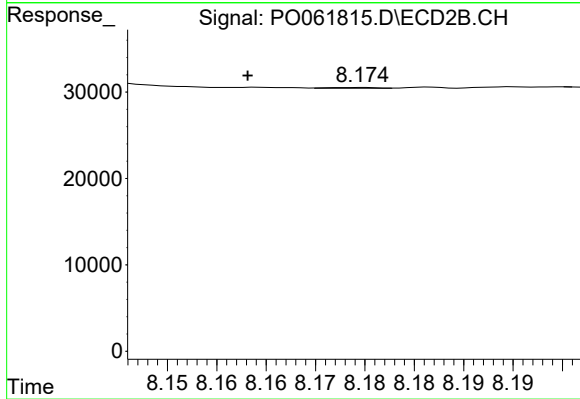
R.T.: 7.911 min
Delta R.T.: 0.020 min
Response: 14631
Conc: 9.09 ng/ml



#45 AR-1268-5

R.T.: 9.681 min
Delta R.T.: -0.027 min
Response: 39908
Conc: 2.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.174 min
Delta R.T.: 0.011 min
Response: 306
Conc: 0.03 ng/ml