

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103120\
 Data File : PO072929.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2020 18:44
 Operator : DD\AJ
 Sample : PB132730BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 07:24:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 31 07:06:26 2020
 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...	4.948	4.024	1119416	754660	24.279	21.533
2)	SA Decachlor...	10.978	9.306	958091	836649	25.933	25.088
Target Compounds							
3)	L1 AR-1016-1	6.271	5.277	426655	305007	249.932	212.484
4)	L1 AR-1016-2	6.295	5.297	571518	402809	242.242	208.179
5)	L1 AR-1016-3	6.361	5.488	363138	224201	251.678	213.824
6)	L1 AR-1016-4	6.468	5.540	295185	186541	251.247	215.312
7)	L1 AR-1016-5	6.785	5.767	276227	227854	257.451	212.020
8)	L2 AR-1221-1	0.000	4.280	0	28302	N.D.	57.956 #
9)	L2 AR-1221-2	5.298	4.379	58710	41189	116.872	113.055
10)	L2 AR-1221-3	5.385	4.468	220298	154779	142.371	134.873
11)	L3 AR-1232-1	5.385	4.468	220298	154779	206.787	176.559
12)	L3 AR-1232-2	5.975	5.297	288718	402809	545.369	459.891
13)	L3 AR-1232-3	6.295	5.488	571518	224201	552.783	477.222
14)	L3 AR-1232-4	6.468	5.585	295185	222229	574.366	521.871
15)	L3 AR-1232-5	6.567	5.767	262027	227854	740.324	488.342 #
16)	L4 AR-1242-1	6.271	5.277	426655	305007	306.675	259.411
17)	L4 AR-1242-2	6.295	5.297	571518	402809	298.965	253.649
18)	L4 AR-1242-3	6.361	5.488	363138	224201	306.663	259.353
19)	L4 AR-1242-4	6.468	5.585	295185	222229	304.898	267.746
20)	L4 AR-1242-5	7.214f	6.145	43604	188309	42.568	175.483 #
21)	L5 AR-1248-1	6.271	5.277	426655	305007	413.473	321.729
22)	L5 AR-1248-2	6.567	5.540	262027	186541	199.304	148.312 #
23)	L5 AR-1248-3	6.785	5.585	276227	222229	186.433	171.836
24)	L5 AR-1248-4	7.214	5.767	43604	227854	24.145	146.654 #
25)	L5 AR-1248-5	0.000	6.188	0	34680	N.D.	22.525 #
26)	L6 AR-1254-1	7.184	6.145	209050	188309	120.626	83.663 #
27)	L6 AR-1254-2	7.413	6.304	225102	194099	84.246	96.638
28)	L6 AR-1254-3	7.797	6.741f	119024	334882	44.041	105.404 #
29)	L6 AR-1254-4	8.092	6.959	77830	63225	35.516	29.070
30)	L6 AR-1254-5	8.523	7.387	681237	632584	315.183	227.279 #
31)	L7 AR-1260-1	7.965	6.859	491170	495855	264.089	249.360
32)	L7 AR-1260-2	8.230	7.055	593613	604967	261.172	241.443
33)	L7 AR-1260-3	8.596	7.209	375459	527652	218.973	239.390
34)	L7 AR-1260-4	8.827	7.690	437761	380127	219.144	206.542
35)	L7 AR-1260-5	9.155	7.936	855142	889174	210.825	202.311
36)	L8 AR-1262-1	8.596	7.387	375459	632584	156.982	456.228 #
37)	L8 AR-1262-2	9.155	7.936	855142	889174	193.288	194.910
38)	L8 AR-1262-3	9.488f	8.222	635282	174706	197.479	95.475 #
39)	L8 AR-1262-4	9.541f	8.284	350652	634325	146.184	190.538 #
40)	L8 AR-1262-5	10.229	8.779	221524	225832	131.927	137.910
41)	L9 AR-1268-1	9.488f	8.222	635282	174706	86.278	29.299 #

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 ALS Vial : 12 Sample Multiplier: 1

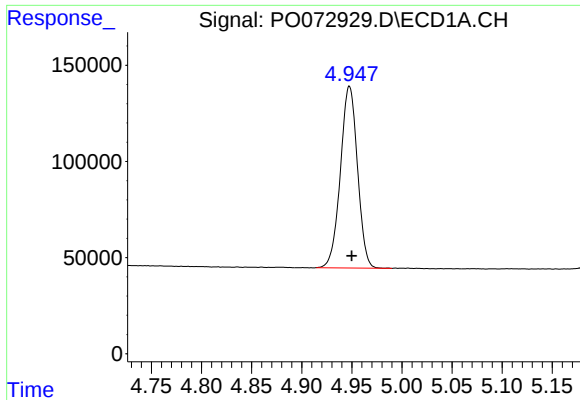
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	9.541f	8.284	350652	634325	53.181	116.796 #
43) L9	AR-1268-3	0.000	8.496	0	35726	N.D.	7.329 #
44) L9	AR-1268-4	10.229	8.779	221524	225832	94.992	103.427
45) L9	AR-1268-5	10.642	9.060	82397	70765	4.859	4.914

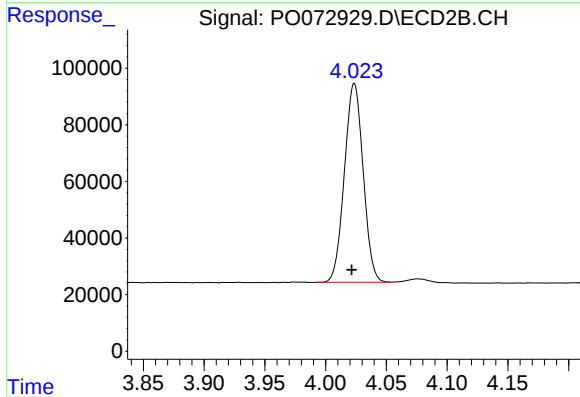
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

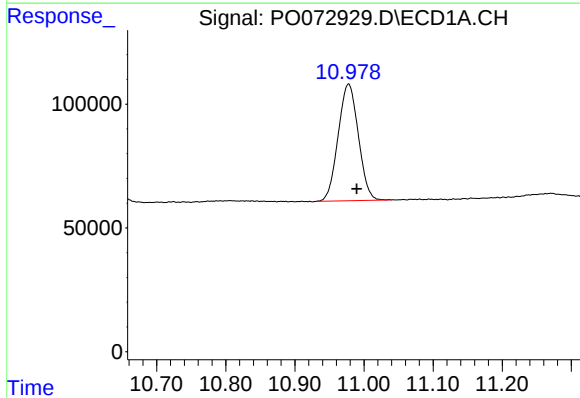
R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 1119416
Conc: 24.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



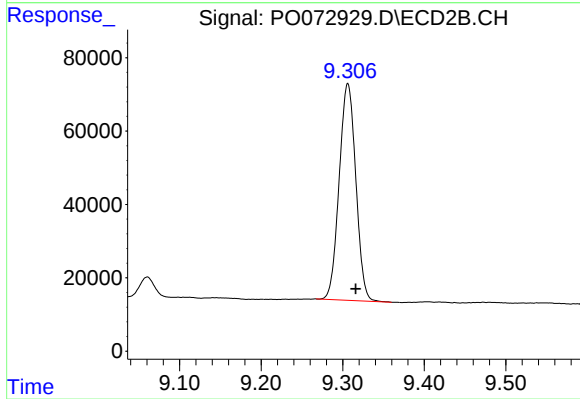
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.002 min
Response: 754660
Conc: 21.53 ng/ml



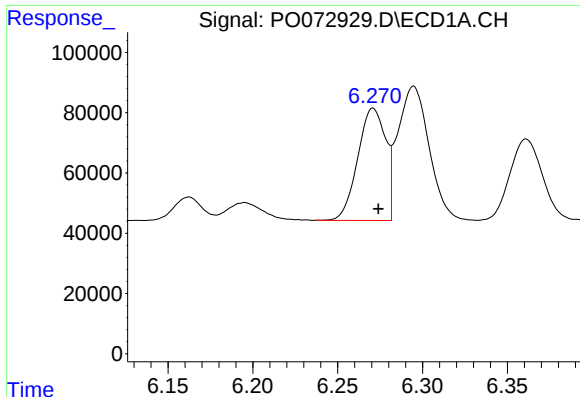
#2 Decachlorobiphenyl

R.T.: 10.978 min
Delta R.T.: -0.012 min
Response: 958091
Conc: 25.93 ng/ml



#2 Decachlorobiphenyl

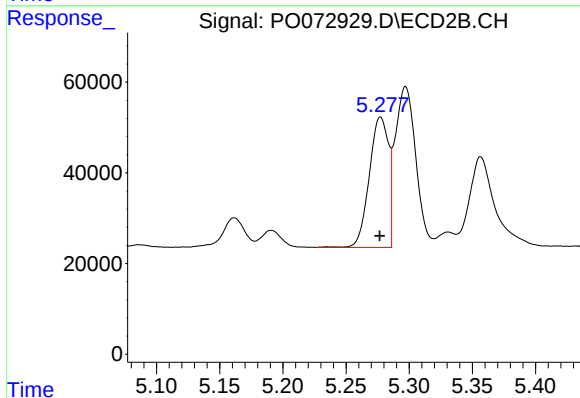
R.T.: 9.306 min
Delta R.T.: -0.010 min
Response: 836649
Conc: 25.09 ng/ml



#3 AR-1016-1

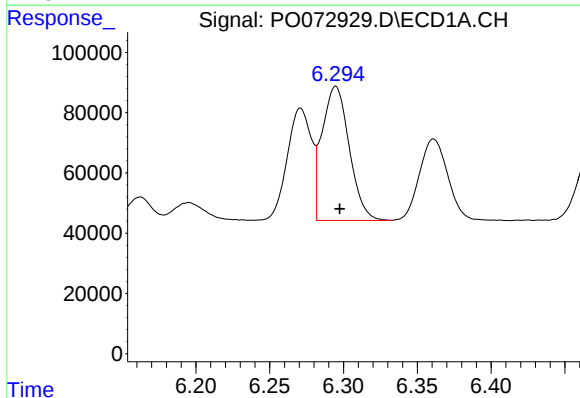
R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 426655
Conc: 249.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



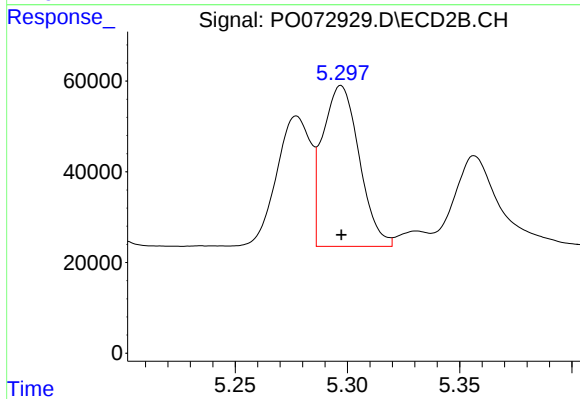
#3 AR-1016-1

R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 305007
Conc: 212.48 ng/ml



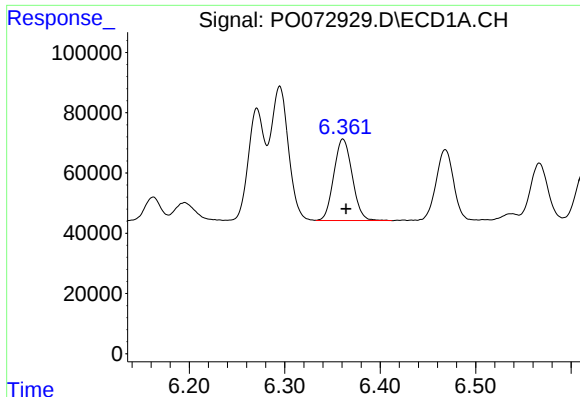
#4 AR-1016-2

R.T.: 6.295 min
Delta R.T.: -0.003 min
Response: 571518
Conc: 242.24 ng/ml



#4 AR-1016-2

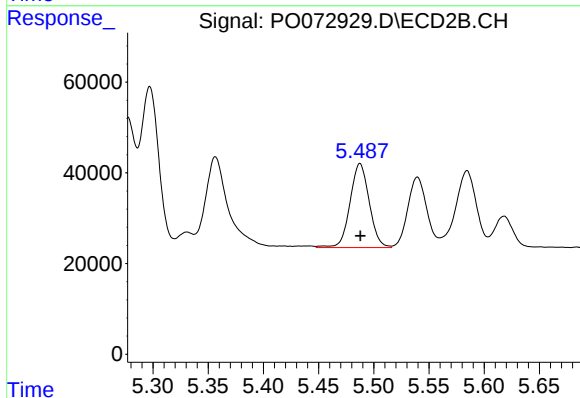
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 402809
Conc: 208.18 ng/ml



#5 AR-1016-3

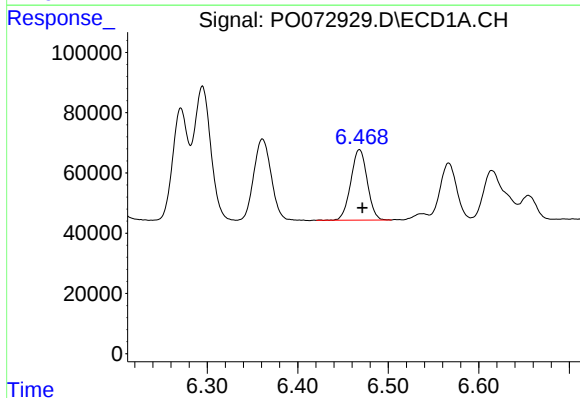
R.T.: 6.361 min
Delta R.T.: -0.003 min
Response: 363138
Conc: 251.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



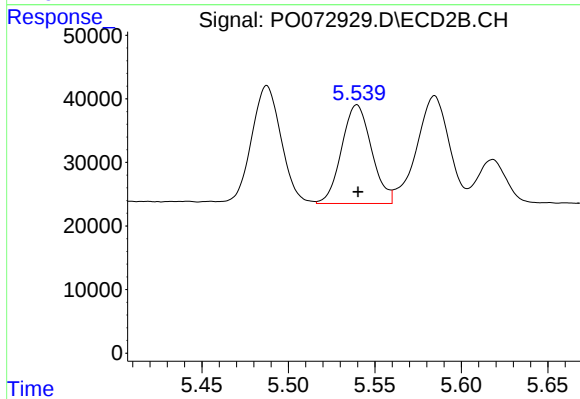
#5 AR-1016-3

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 224201
Conc: 213.82 ng/ml



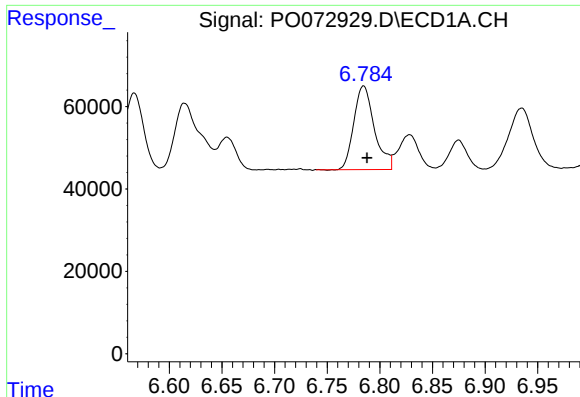
#6 AR-1016-4

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 295185
Conc: 251.25 ng/ml



#6 AR-1016-4

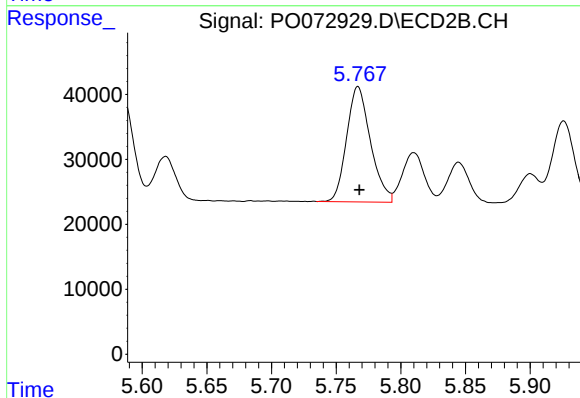
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 186541
Conc: 215.31 ng/ml



#7 AR-1016-5

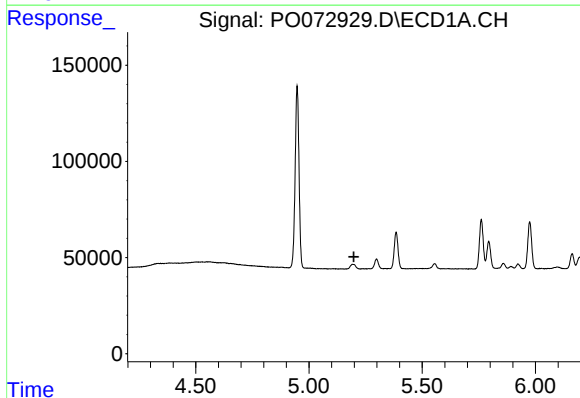
R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 276227
Conc: 257.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



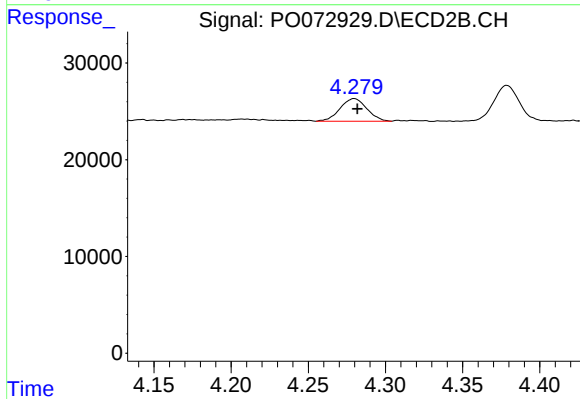
#7 AR-1016-5

R.T.: 5.767 min
Delta R.T.: -0.001 min
Response: 227854
Conc: 212.02 ng/ml



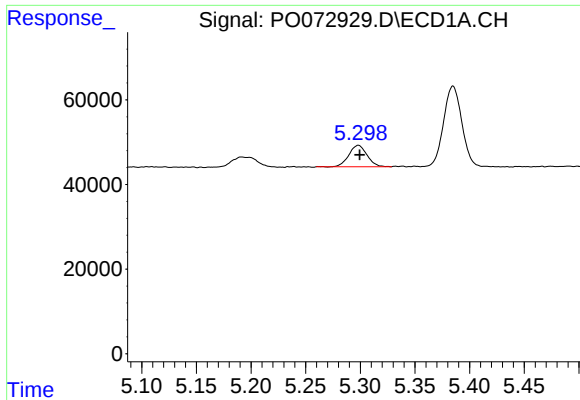
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.199 min
Response: 0
Conc: N.D.



#8 AR-1221-1

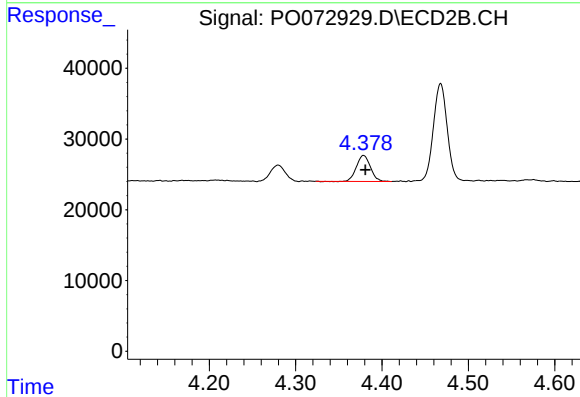
R.T.: 4.280 min
Delta R.T.: -0.002 min
Response: 28302
Conc: 57.96 ng/ml



#9 AR-1221-2

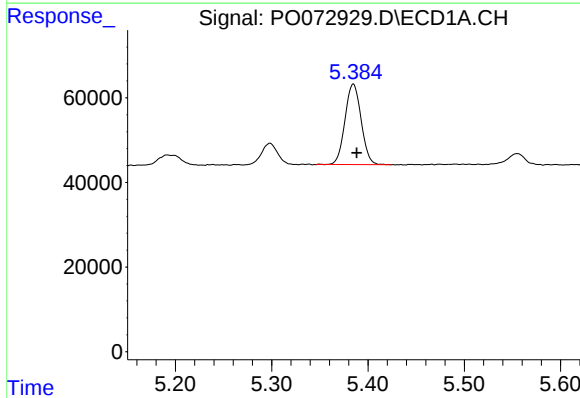
R.T.: 5.298 min
Delta R.T.: -0.001 min
Response: 58710
Conc: 116.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



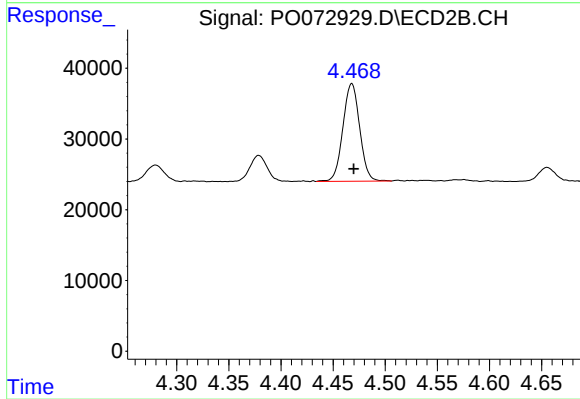
#9 AR-1221-2

R.T.: 4.379 min
Delta R.T.: -0.002 min
Response: 41189
Conc: 113.05 ng/ml



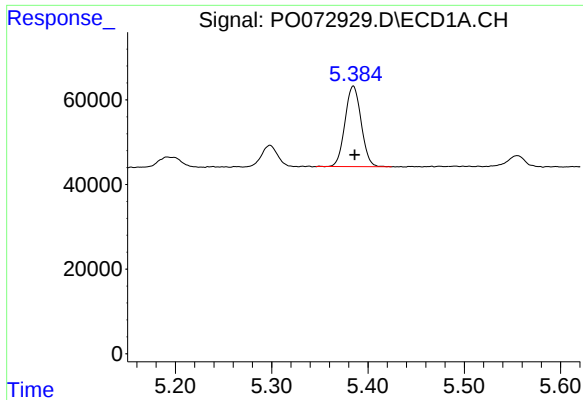
#10 AR-1221-3

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 220298
Conc: 142.37 ng/ml



#10 AR-1221-3

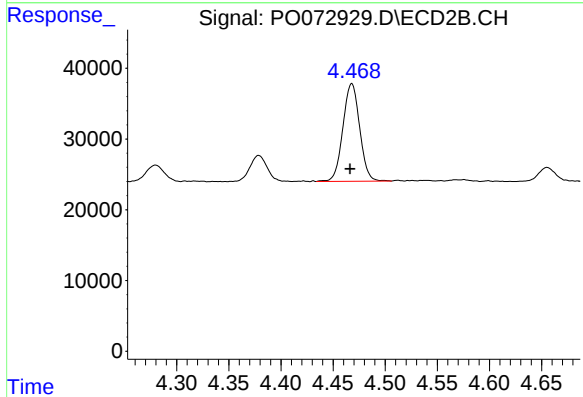
R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 154779
Conc: 134.87 ng/ml



#11 AR-1232-1

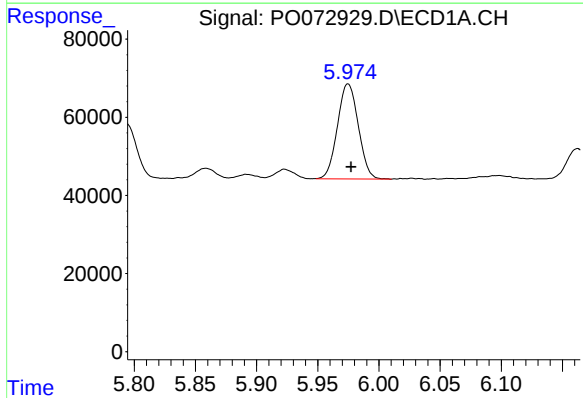
R.T.: 5.385 min
Delta R.T.: -0.001 min
Response: 220298
Conc: 206.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



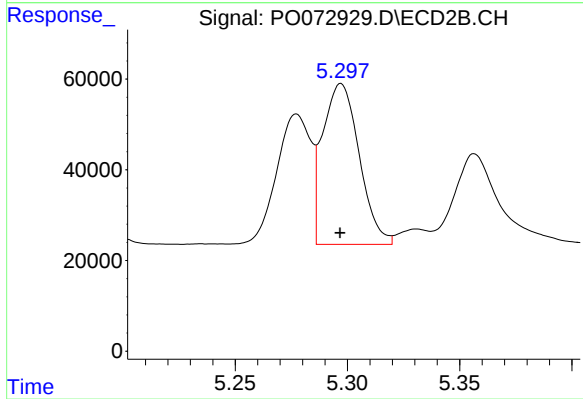
#11 AR-1232-1

R.T.: 4.468 min
Delta R.T.: 0.002 min
Response: 154779
Conc: 176.56 ng/ml



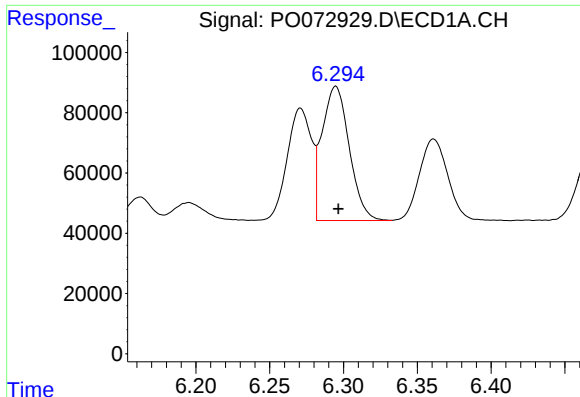
#12 AR-1232-2

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 288718
Conc: 545.37 ng/ml



#12 AR-1232-2

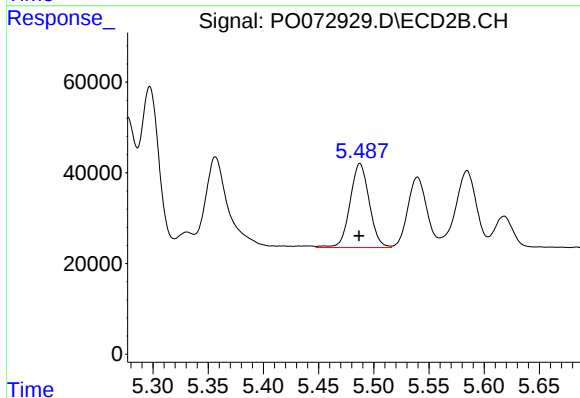
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 402809
Conc: 459.89 ng/ml



#13 AR-1232-3

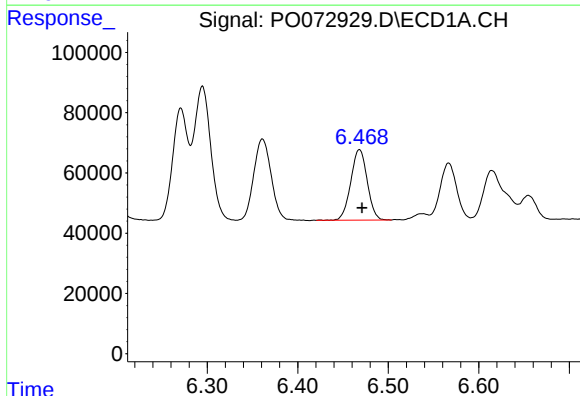
R.T.: 6.295 min
Delta R.T.: -0.002 min
Response: 571518
Conc: 552.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



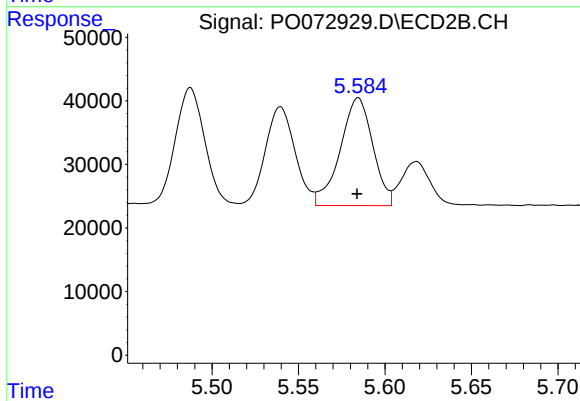
#13 AR-1232-3

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 224201
Conc: 477.22 ng/ml



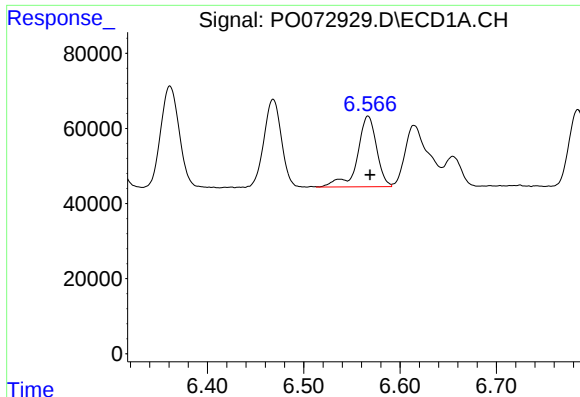
#14 AR-1232-4

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 295185
Conc: 574.37 ng/ml



#14 AR-1232-4

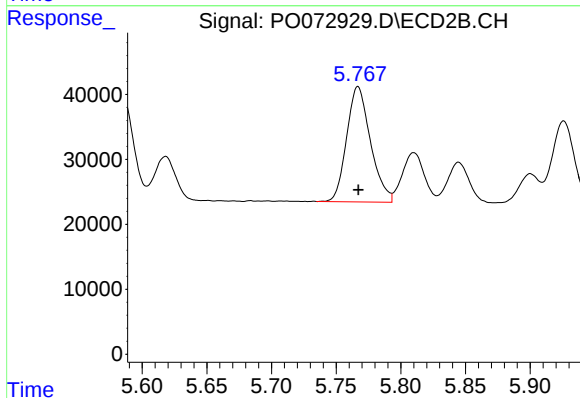
R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 222229
Conc: 521.87 ng/ml



#15 AR-1232-5

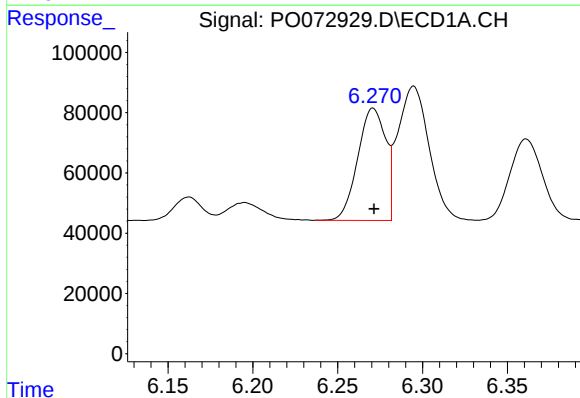
R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 262027
Conc: 740.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



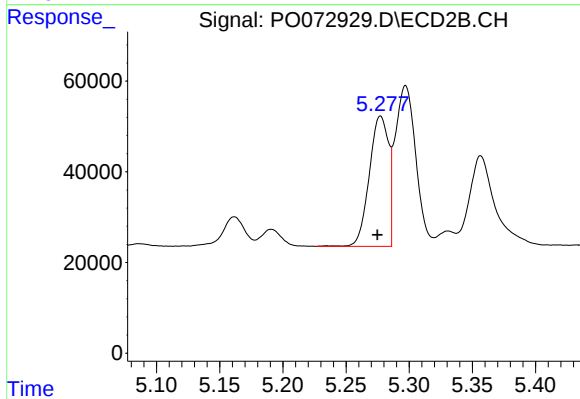
#15 AR-1232-5

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 227854
Conc: 488.34 ng/ml



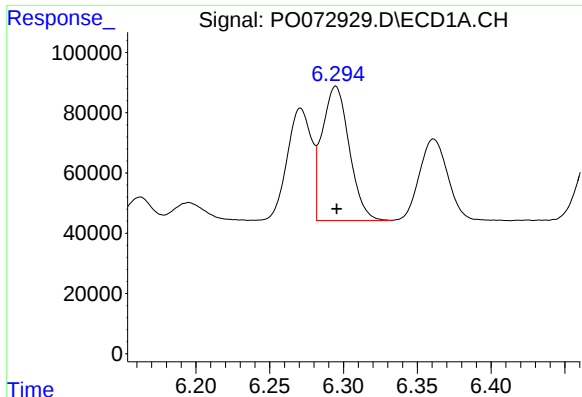
#16 AR-1242-1

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 426655
Conc: 306.68 ng/ml



#16 AR-1242-1

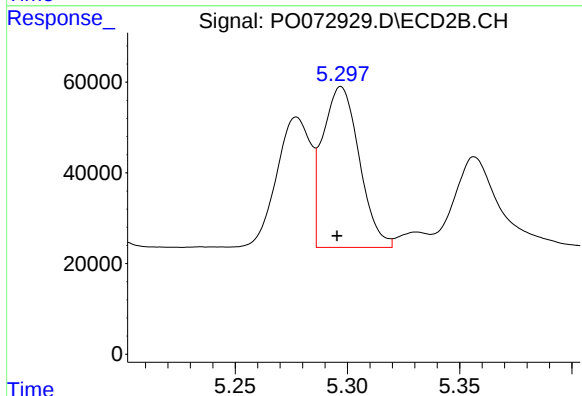
R.T.: 5.277 min
Delta R.T.: 0.002 min
Response: 305007
Conc: 259.41 ng/ml



#17 AR-1242-2

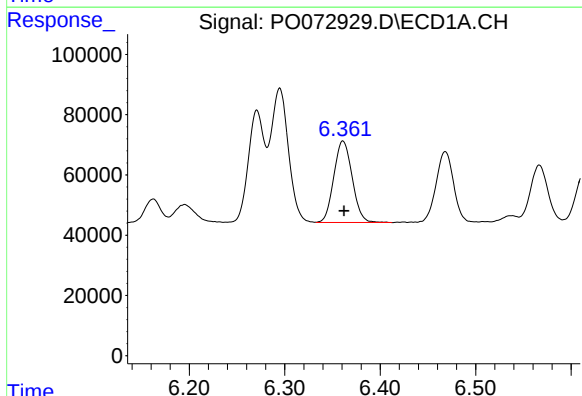
R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 571518
Conc: 298.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



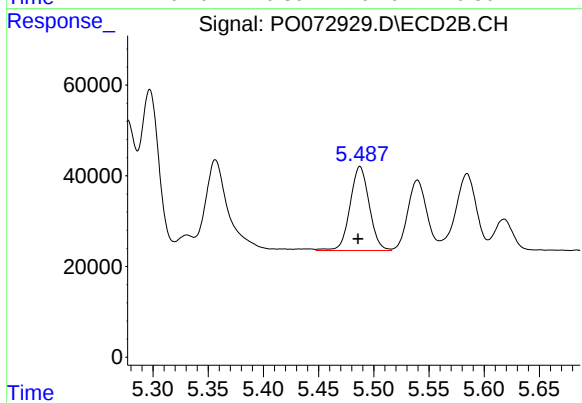
#17 AR-1242-2

R.T.: 5.297 min
Delta R.T.: 0.002 min
Response: 402809
Conc: 253.65 ng/ml



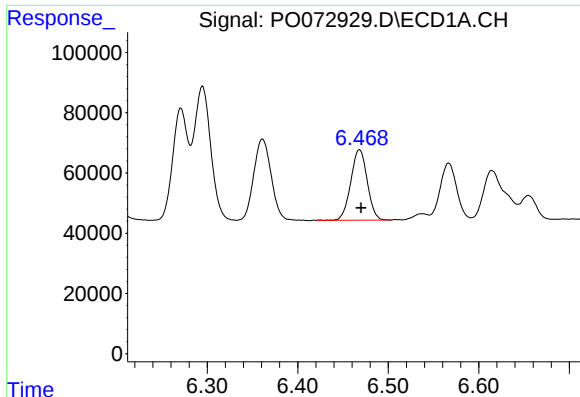
#18 AR-1242-3

R.T.: 6.361 min
Delta R.T.: -0.001 min
Response: 363138
Conc: 306.66 ng/ml



#18 AR-1242-3

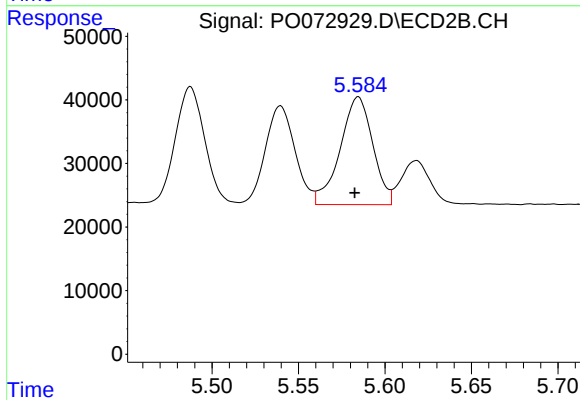
R.T.: 5.488 min
Delta R.T.: 0.002 min
Response: 224201
Conc: 259.35 ng/ml



#19 AR-1242-4

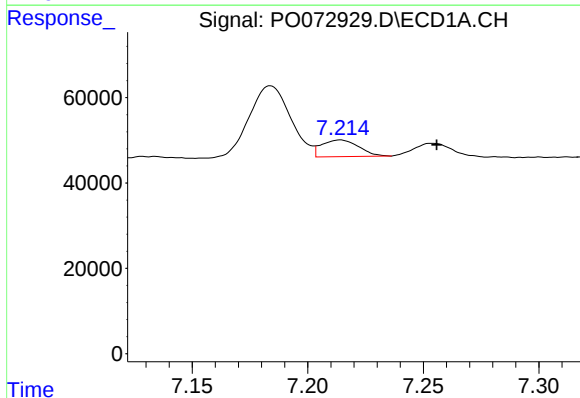
R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 295185
Conc: 304.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



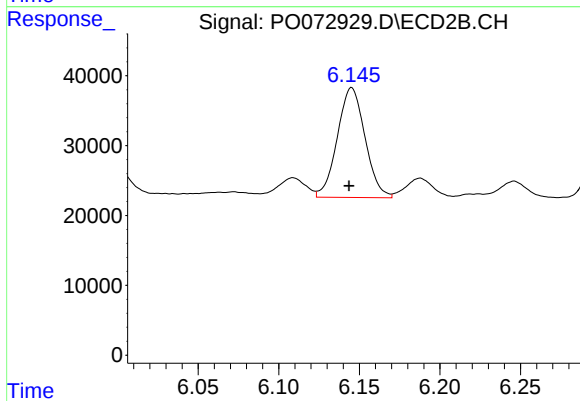
#19 AR-1242-4

R.T.: 5.585 min
Delta R.T.: 0.002 min
Response: 222229
Conc: 267.75 ng/ml



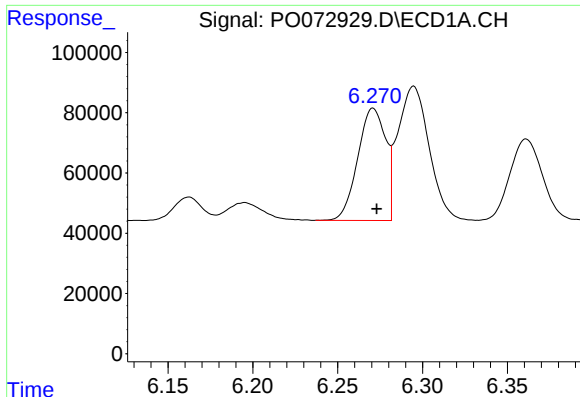
#20 AR-1242-5

R.T.: 7.214 min
Delta R.T.: -0.042 min
Response: 43604
Conc: 42.57 ng/ml



#20 AR-1242-5

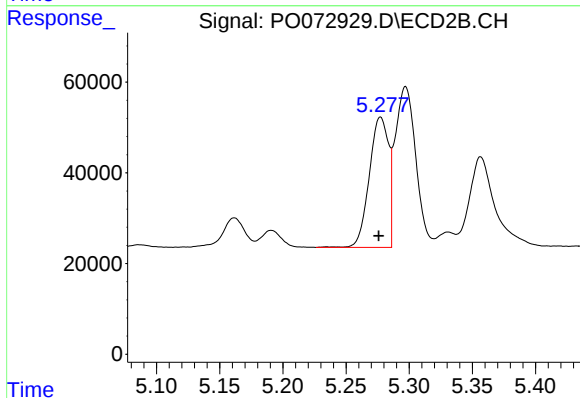
R.T.: 6.145 min
Delta R.T.: 0.002 min
Response: 188309
Conc: 175.48 ng/ml



#21 AR-1248-1

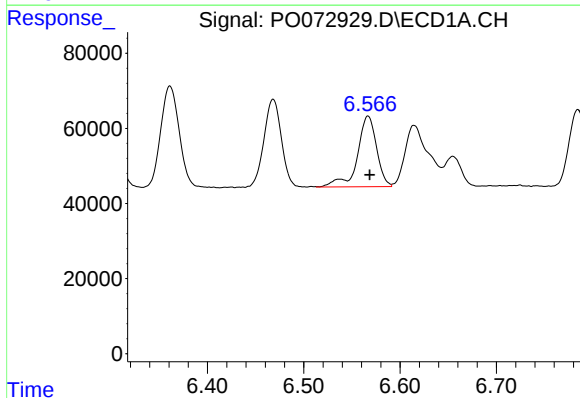
R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 426655
Conc: 413.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



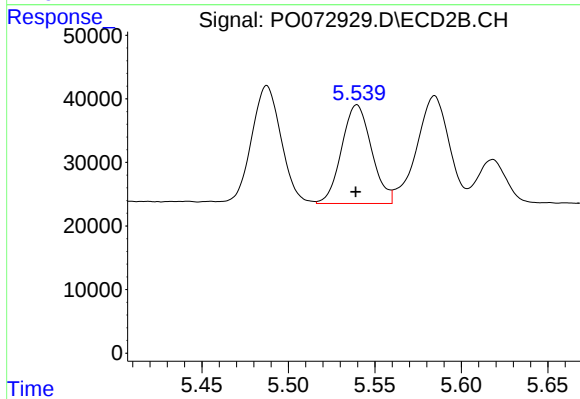
#21 AR-1248-1

R.T.: 5.277 min
Delta R.T.: 0.001 min
Response: 305007
Conc: 321.73 ng/ml



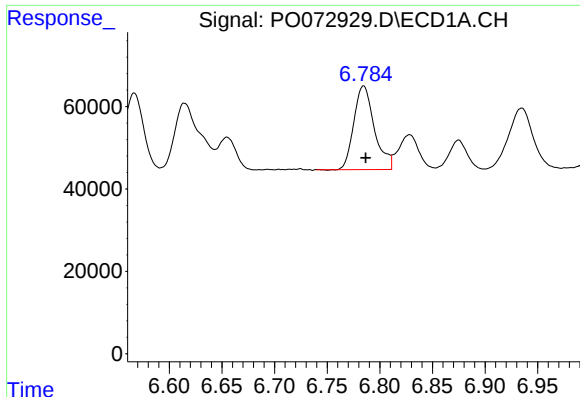
#22 AR-1248-2

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 262027
Conc: 199.30 ng/ml



#22 AR-1248-2

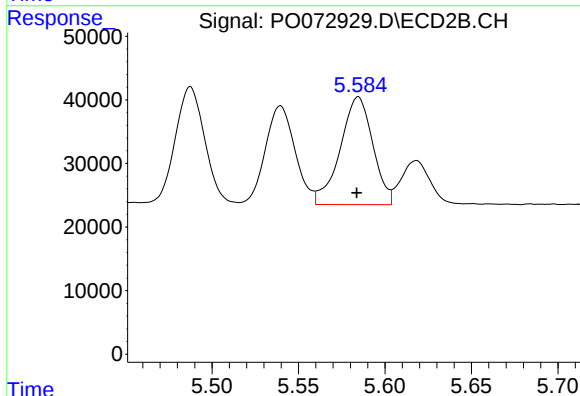
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 186541
Conc: 148.31 ng/ml



#23 AR-1248-3

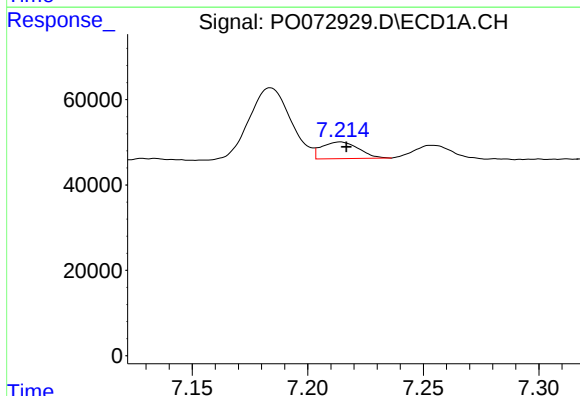
R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 276227
Conc: 186.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



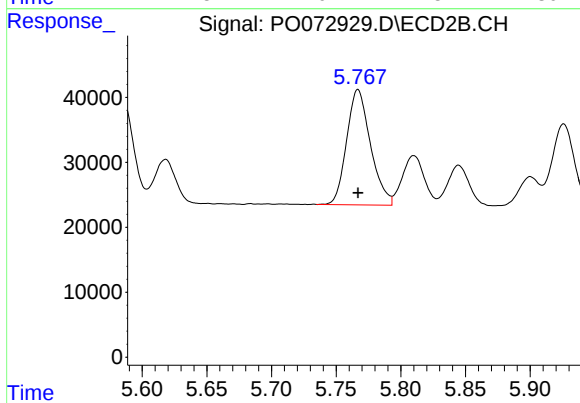
#23 AR-1248-3

R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 222229
Conc: 171.84 ng/ml



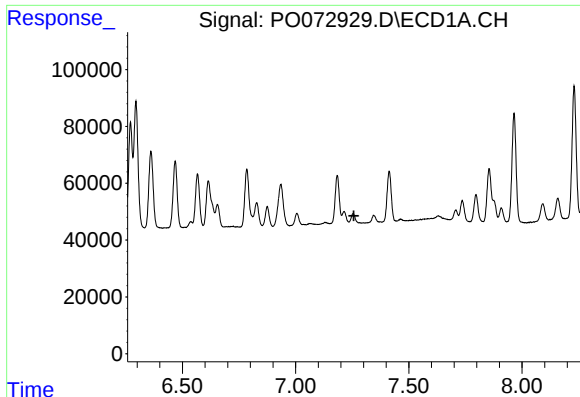
#24 AR-1248-4

R.T.: 7.214 min
Delta R.T.: -0.003 min
Response: 43604
Conc: 24.15 ng/ml



#24 AR-1248-4

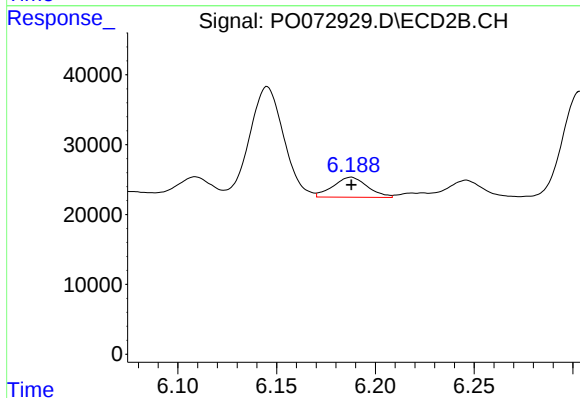
R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 227854
Conc: 146.65 ng/ml



#25 AR-1248-5

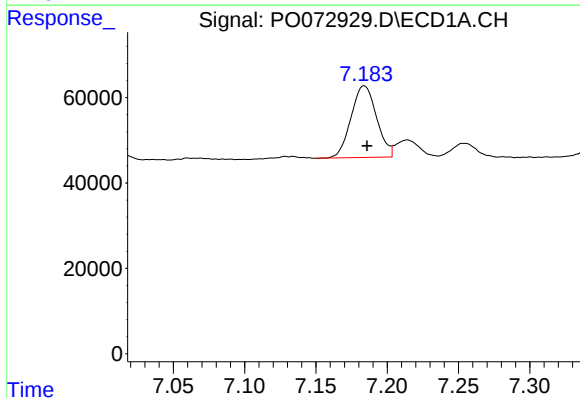
R.T.: 0.000 min
Exp R.T.: 7.257 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



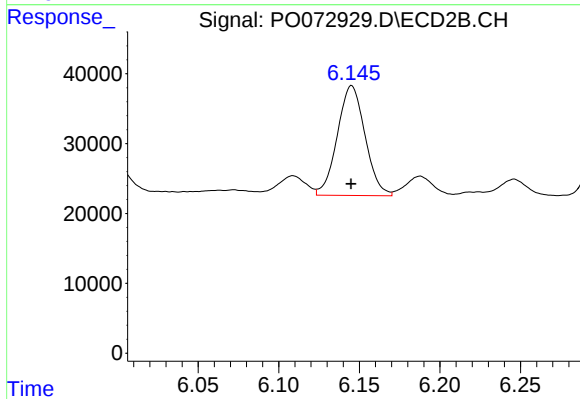
#25 AR-1248-5

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 34680
Conc: 22.52 ng/ml



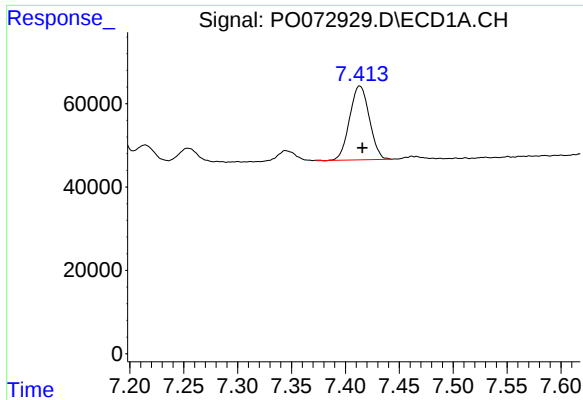
#26 AR-1254-1

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 209050
Conc: 120.63 ng/ml



#26 AR-1254-1

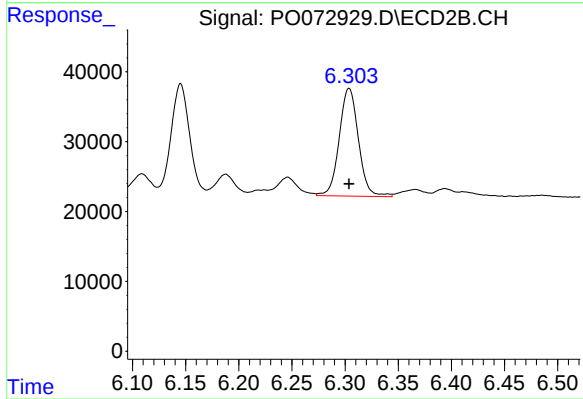
R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 188309
Conc: 83.66 ng/ml



#27 AR-1254-2

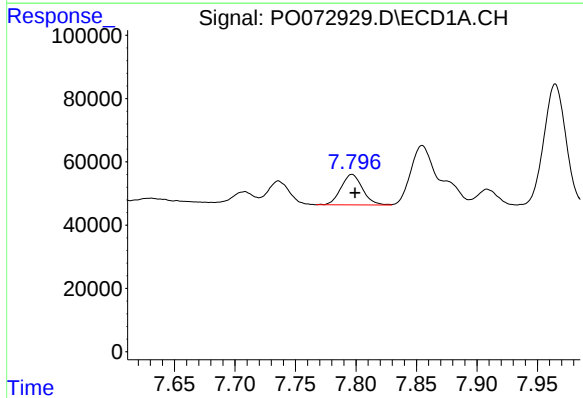
R.T.: 7.413 min
Delta R.T.: -0.003 min
Response: 225102
Conc: 84.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



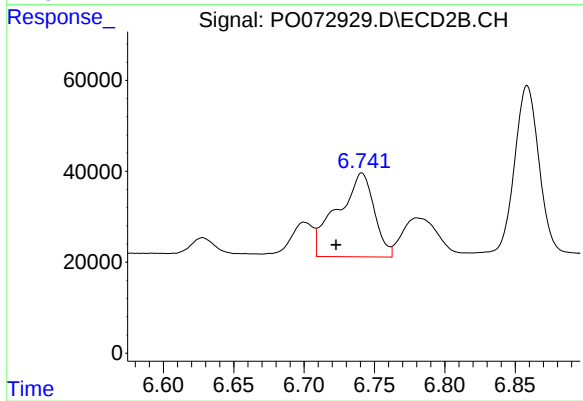
#27 AR-1254-2

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 194099
Conc: 96.64 ng/ml



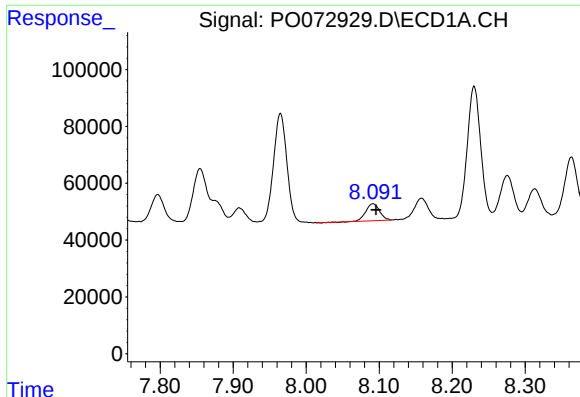
#28 AR-1254-3

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 119024
Conc: 44.04 ng/ml



#28 AR-1254-3

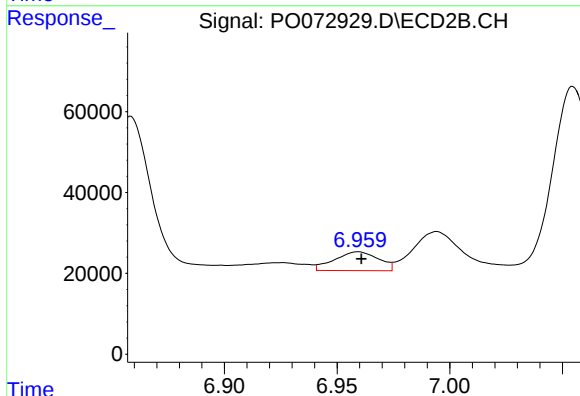
R.T.: 6.741 min
Delta R.T.: 0.018 min
Response: 334882
Conc: 105.40 ng/ml



#29 AR-1254-4

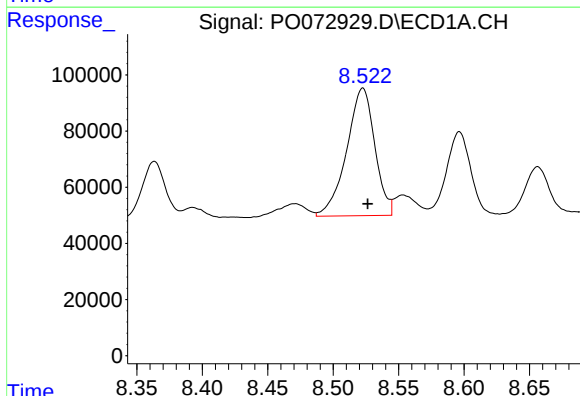
R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 77830
Conc: 35.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



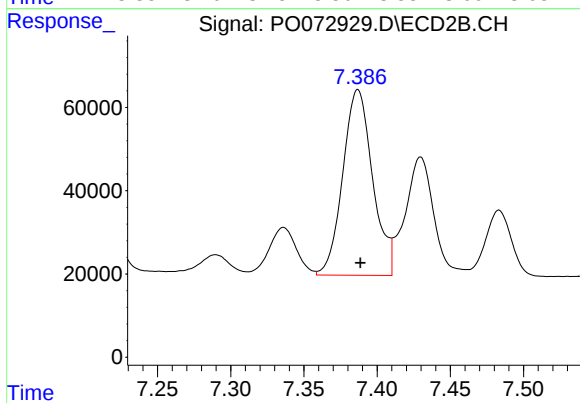
#29 AR-1254-4

R.T.: 6.959 min
Delta R.T.: -0.001 min
Response: 63225
Conc: 29.07 ng/ml



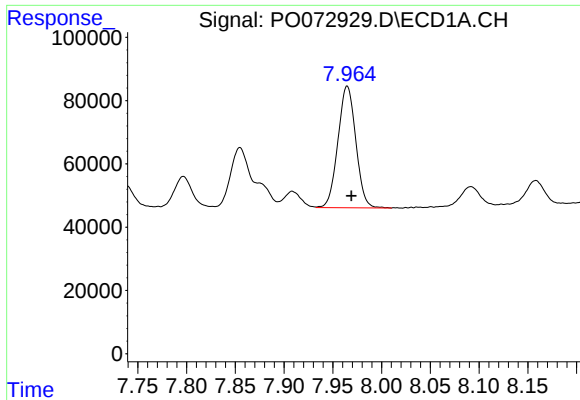
#30 AR-1254-5

R.T.: 8.523 min
Delta R.T.: -0.004 min
Response: 681237
Conc: 315.18 ng/ml



#30 AR-1254-5

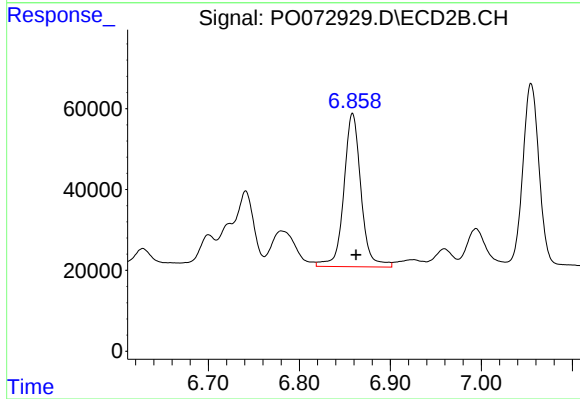
R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 632584
Conc: 227.28 ng/ml



#31 AR-1260-1

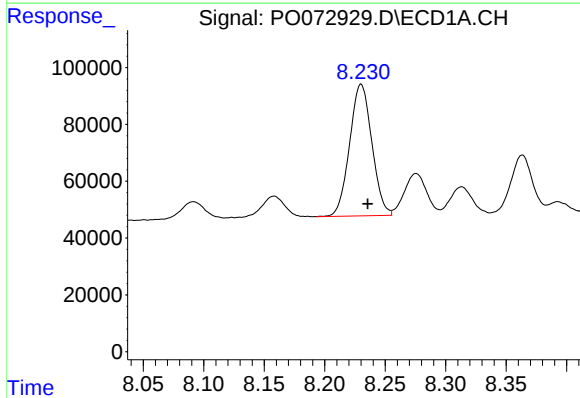
R.T.: 7.965 min
Delta R.T.: -0.004 min
Response: 491170
Conc: 264.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



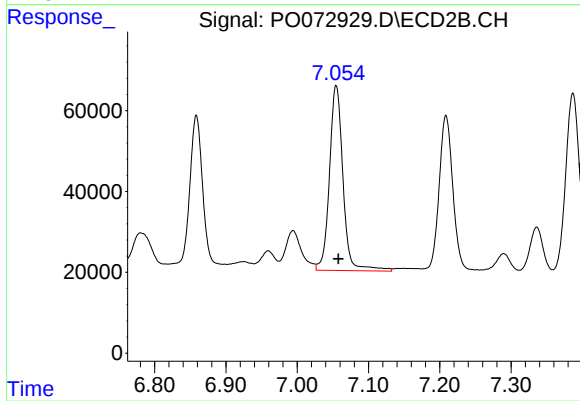
#31 AR-1260-1

R.T.: 6.859 min
Delta R.T.: -0.004 min
Response: 495855
Conc: 249.36 ng/ml



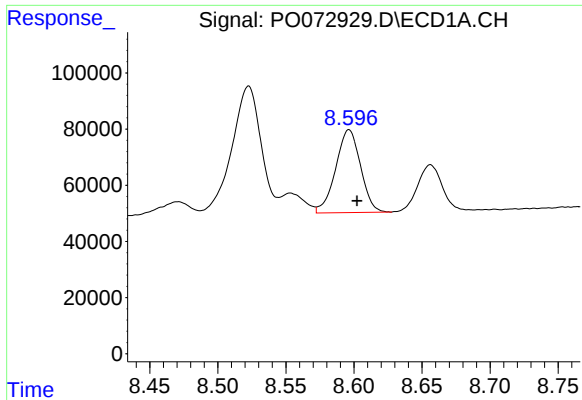
#32 AR-1260-2

R.T.: 8.230 min
Delta R.T.: -0.006 min
Response: 593613
Conc: 261.17 ng/ml



#32 AR-1260-2

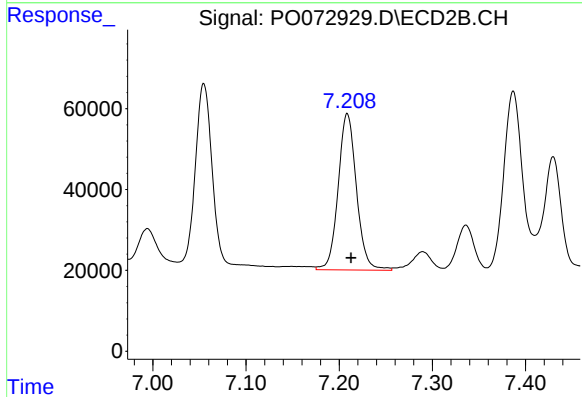
R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 604967
Conc: 241.44 ng/ml



#33 AR-1260-3

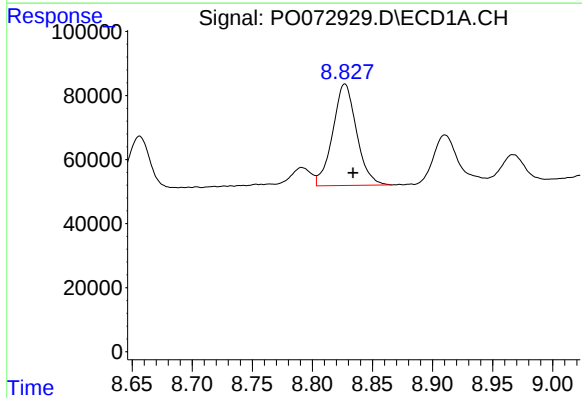
R.T.: 8.596 min
Delta R.T.: -0.006 min
Response: 375459
Conc: 218.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



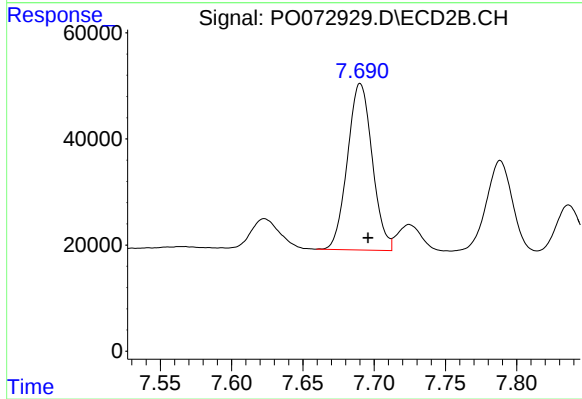
#33 AR-1260-3

R.T.: 7.209 min
Delta R.T.: -0.004 min
Response: 527652
Conc: 239.39 ng/ml



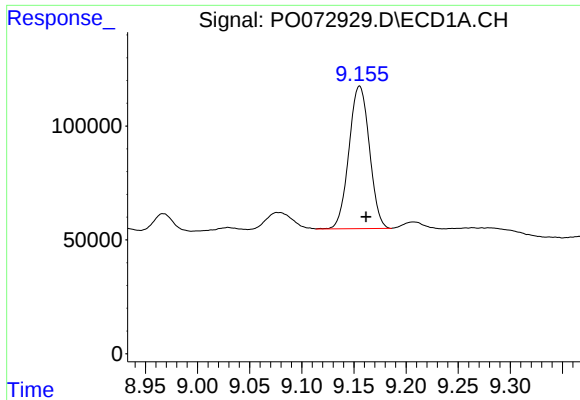
#34 AR-1260-4

R.T.: 8.827 min
Delta R.T.: -0.007 min
Response: 437761
Conc: 219.14 ng/ml



#34 AR-1260-4

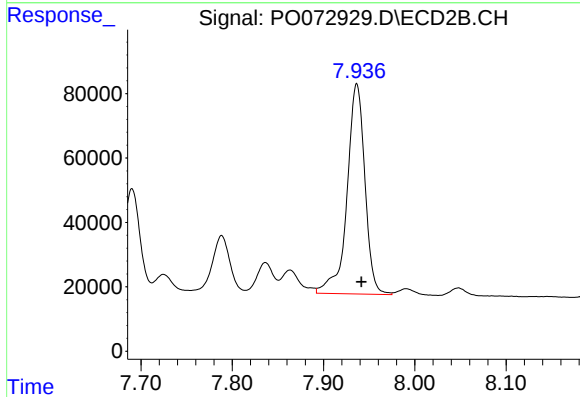
R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 380127
Conc: 206.54 ng/ml



#35 AR-1260-5

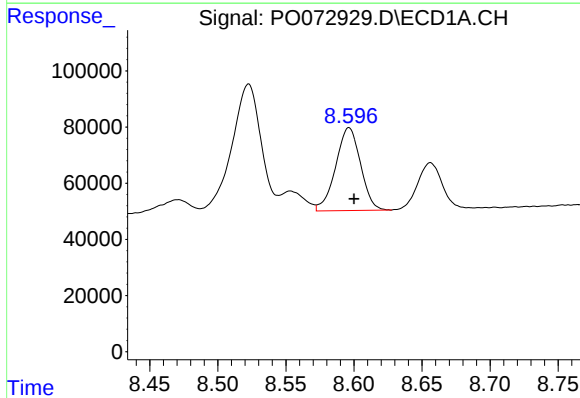
R.T.: 9.155 min
Delta R.T.: -0.006 min
Response: 855142
Conc: 210.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



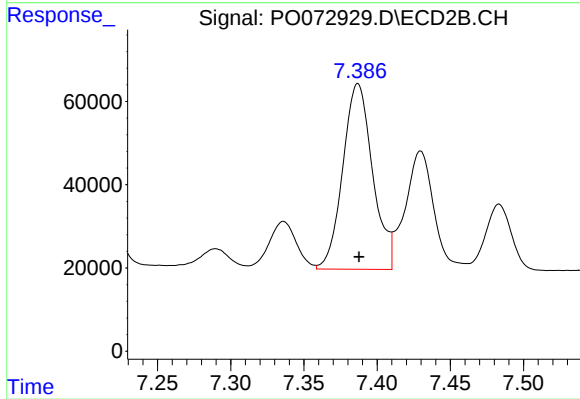
#35 AR-1260-5

R.T.: 7.936 min
Delta R.T.: -0.005 min
Response: 889174
Conc: 202.31 ng/ml



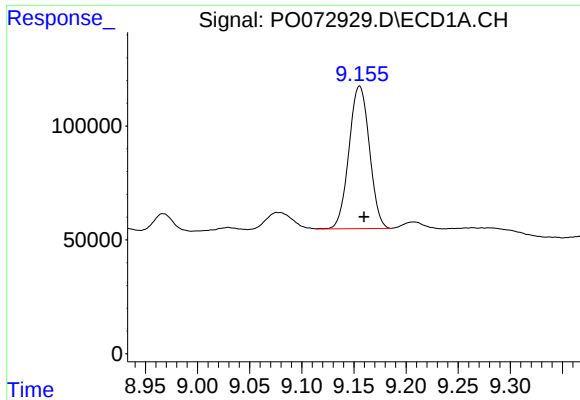
#36 AR-1262-1

R.T.: 8.596 min
Delta R.T.: -0.004 min
Response: 375459
Conc: 156.98 ng/ml



#36 AR-1262-1

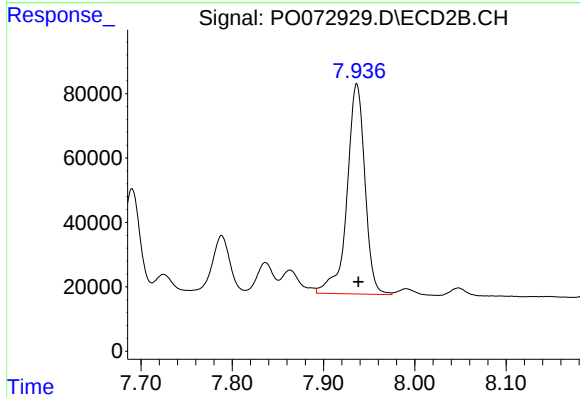
R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 632584
Conc: 456.23 ng/ml



#37 AR-1262-2

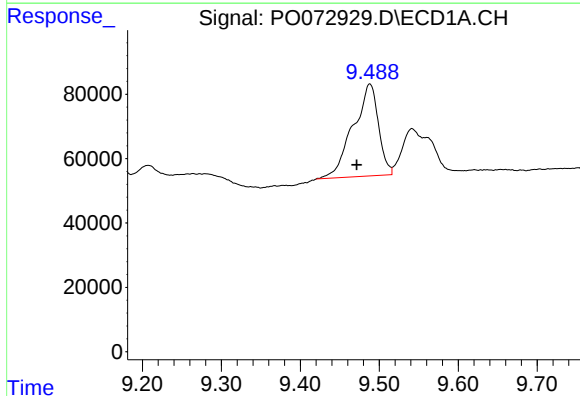
R.T.: 9.155 min
Delta R.T.: -0.004 min
Response: 855142
Conc: 193.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



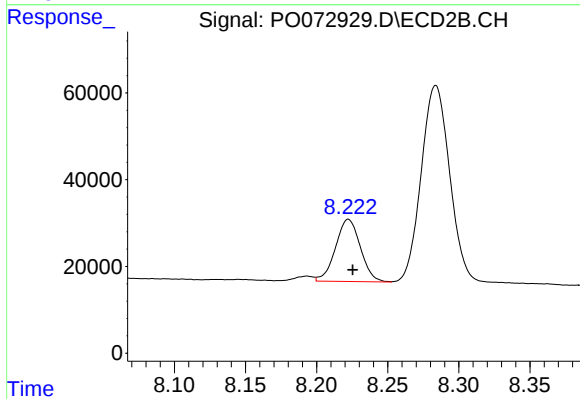
#37 AR-1262-2

R.T.: 7.936 min
Delta R.T.: -0.002 min
Response: 889174
Conc: 194.91 ng/ml



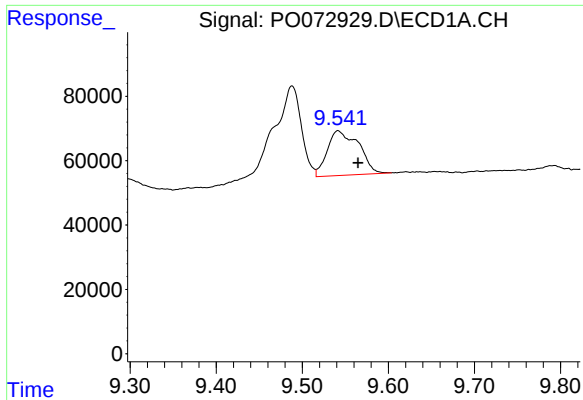
#38 AR-1262-3

R.T.: 9.488 min
Delta R.T.: 0.017 min
Response: 635282
Conc: 197.48 ng/ml



#38 AR-1262-3

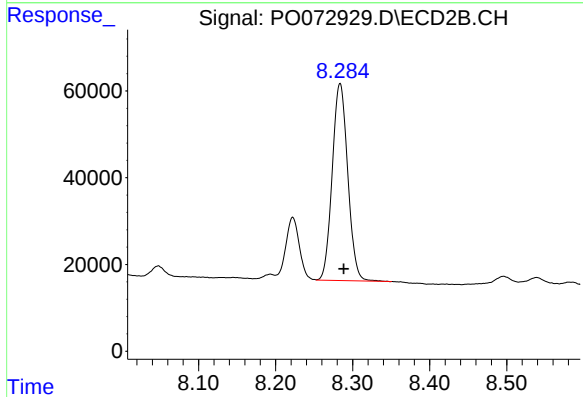
R.T.: 8.222 min
Delta R.T.: -0.003 min
Response: 174706
Conc: 95.48 ng/ml



#39 AR-1262-4

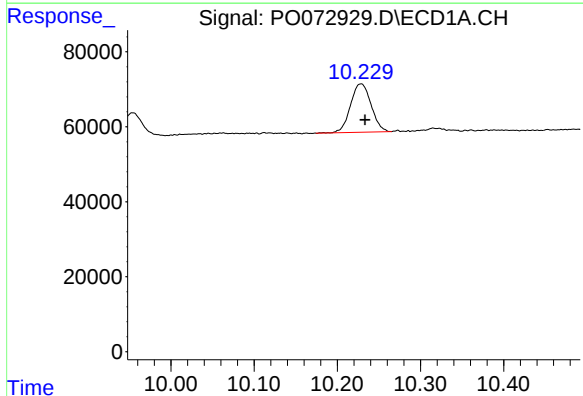
R.T.: 9.541 min
Delta R.T.: -0.023 min
Response: 350652
Conc: 146.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



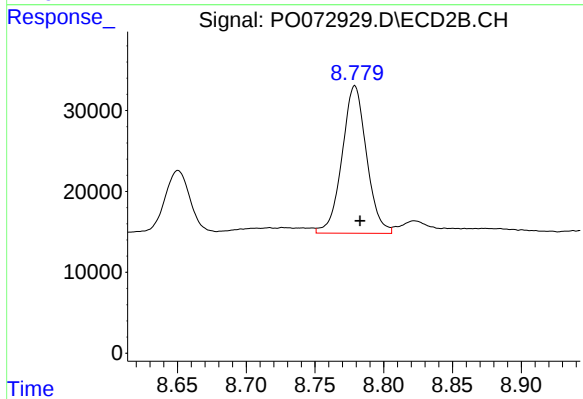
#39 AR-1262-4

R.T.: 8.284 min
Delta R.T.: -0.005 min
Response: 634325
Conc: 190.54 ng/ml



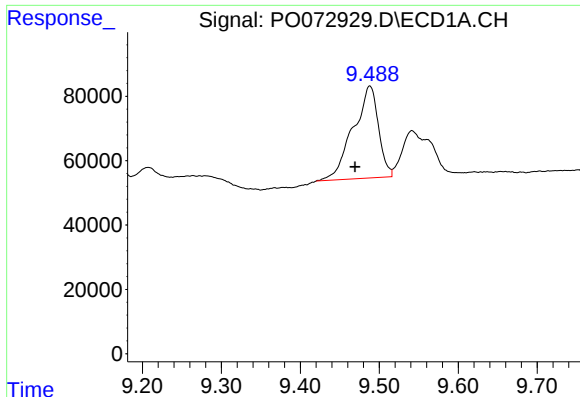
#40 AR-1262-5

R.T.: 10.229 min
Delta R.T.: -0.005 min
Response: 221524
Conc: 131.93 ng/ml



#40 AR-1262-5

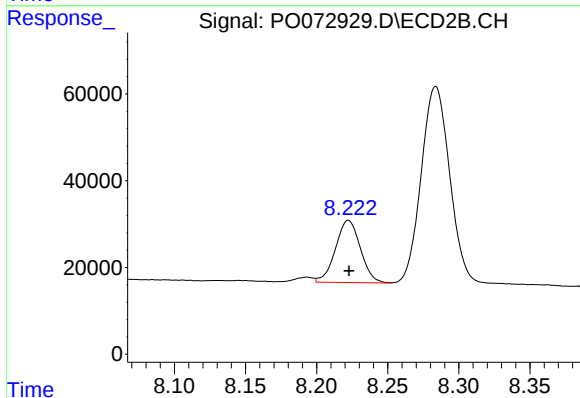
R.T.: 8.779 min
Delta R.T.: -0.004 min
Response: 225832
Conc: 137.91 ng/ml



#41 AR-1268-1

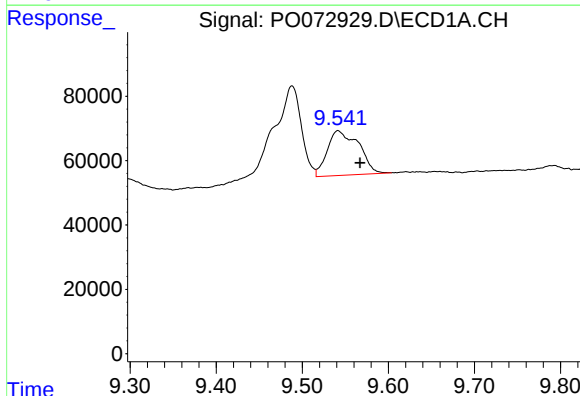
R.T.: 9.488 min
Delta R.T.: 0.019 min
Response: 635282
Conc: 86.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



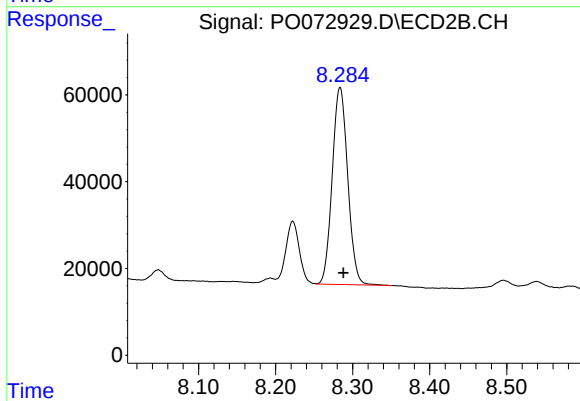
#41 AR-1268-1

R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 174706
Conc: 29.30 ng/ml



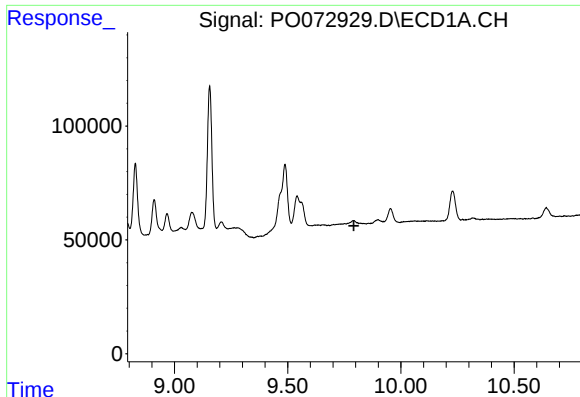
#42 AR-1268-2

R.T.: 9.541 min
Delta R.T.: -0.025 min
Response: 350652
Conc: 53.18 ng/ml



#42 AR-1268-2

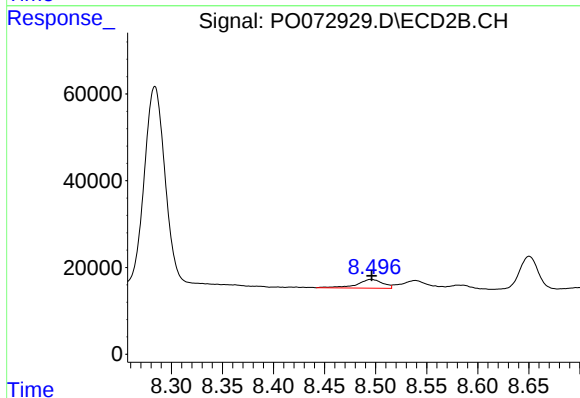
R.T.: 8.284 min
Delta R.T.: -0.004 min
Response: 634325
Conc: 116.80 ng/ml



#43 AR-1268-3

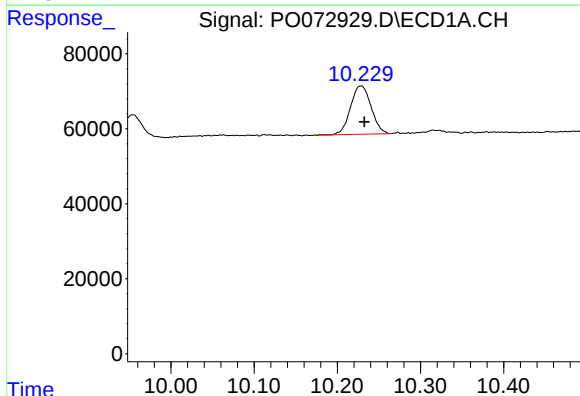
R.T.: 0.000 min
Exp R.T.: 9.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



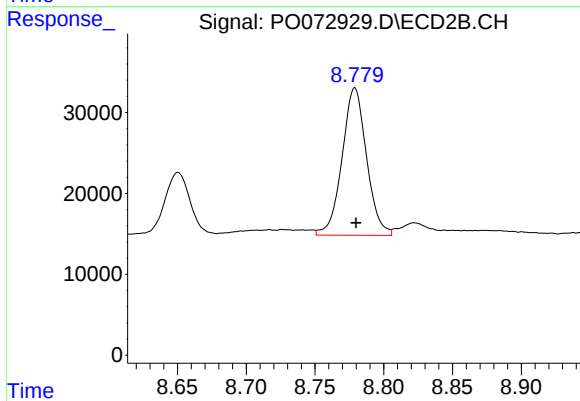
#43 AR-1268-3

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 35726
Conc: 7.33 ng/ml



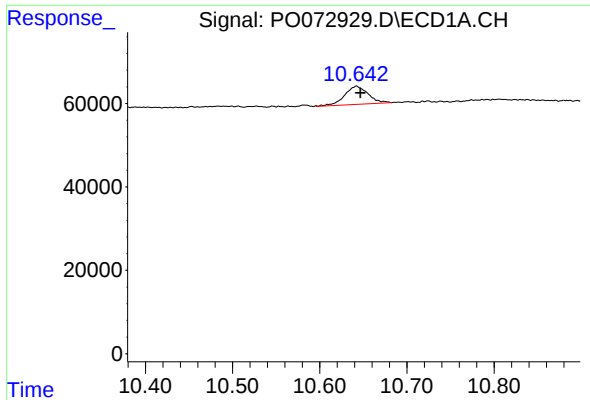
#44 AR-1268-4

R.T.: 10.229 min
Delta R.T.: -0.004 min
Response: 221524
Conc: 94.99 ng/ml



#44 AR-1268-4

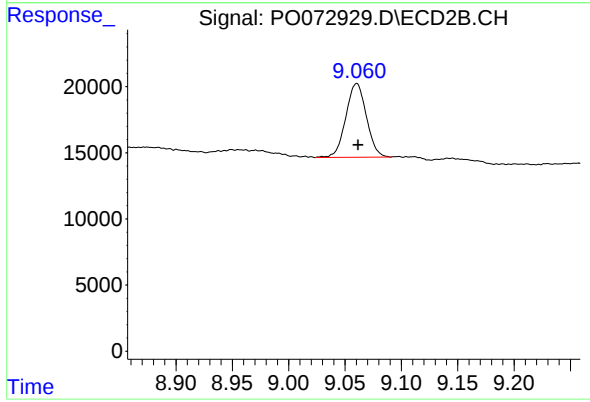
R.T.: 8.779 min
Delta R.T.: 0.000 min
Response: 225832
Conc: 103.43 ng/ml



#45 AR-1268-5

R.T.: 10.642 min
Delta R.T.: -0.004 min
Response: 82397
Conc: 4.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.060 min
Delta R.T.: -0.001 min
Response: 70765
Conc: 4.91 ng/ml