

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022122\
 Data File : P0084772.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Feb 2022 16:36
 Operator : YP\AJ
 Sample : AR1254CCC500
 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: Feb 22 00:52:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 14 17:50:29 2022
 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...	4.508	3.597	9769264	2084205	49.686	46.214
2)	SA Decachlor...	10.429	8.622	6602001	1626614	53.204	44.620
Target Compounds							
3)	L1 AR-1016-1	5.696	4.687	99760	23675	15.408	13.791
4)	L1 AR-1016-2	5.721	4.705	123020	19554	13.233	8.080 #
5)	L1 AR-1016-3	5.782	4.883	57348	14529	10.196	11.056
6)	L1 AR-1016-4	5.881	4.925	58265	501901	12.559	452.997 #
7)	L1 AR-1016-5	6.182	5.137	1215913	302498	271.374	218.563
8)	L2 AR-1221-1	4.721	0.000	4687	0	2.168	N.D. #
9)	L2 AR-1221-2	4.820	3.896	140114	30343	88.131	71.463
10)	L2 AR-1221-3	4.886	3.974	37865	6239	7.640	4.795 #
11)	L3 AR-1232-1	4.886	3.974	37865	6239	9.113	5.667 #
12)	L3 AR-1232-2	5.425	4.705	44701	19554	21.619	19.353
13)	L3 AR-1232-3	5.721	4.883	123020	14529	33.202	27.272
14)	L3 AR-1232-4	5.881	4.965	58265	156309	31.206	313.250 #
15)	L3 AR-1232-5	5.975	5.137	2051040	302498	1416.864	552.338 #
16)	L4 AR-1242-1	5.696	4.687	99760	23675	20.064	17.565
17)	L4 AR-1242-2	5.721	4.705	123020	19554	17.263	10.399 #
18)	L4 AR-1242-3	5.782	4.883	57348	14529	13.156	14.170
19)	L4 AR-1242-4	5.881	4.965	58265	156309	16.293	149.657 #
20)	L4 AR-1242-5	6.635	5.491	1097367	1176600	310.412	936.584 #
21)	L5 AR-1248-1	5.696	4.687	99760	23675	27.207	24.602
22)	L5 AR-1248-2	5.975	4.925	2051040	501901	396.961	366.232
23)	L5 AR-1248-3	6.182	4.965	1215913	156309	213.039	109.318 #
24)	L5 AR-1248-4	6.591	5.137	1775430	302498	280.942	182.879 #
25)	L5 AR-1248-5	6.635	5.531	1097367	149059	182.104	91.143 #
26)	L6 AR-1254-1	6.566	5.491	3548434	1176600	548.562	459.687
27)	L6 AR-1254-2	6.787	5.640	5397531	1032191	546.331	461.162
28)	L6 AR-1254-3	7.158	6.044	5626766	1655444	543.156	454.794
29)	L6 AR-1254-4	7.447	6.274	3996575	1027252	545.882	457.185
30)	L6 AR-1254-5	7.872	6.693	4304117	1469228	534.704	449.458
31)	L7 AR-1260-1	7.325	6.176	2201934	822751	318.167	339.560
32)	L7 AR-1260-2	7.585	6.365	2379718	637965	291.123	220.246
33)	L7 AR-1260-3	7.933	6.517	553253	672163	90.163	247.006 #
34)	L7 AR-1260-4	8.165	6.992	1620711	74521	232.216	32.384 #
35)	L7 AR-1260-5	8.513	7.235	557299	166803	40.491	31.510
36)	L8 AR-1262-1	7.933	6.693	553253	1469228	62.809	890.425 #
37)	L8 AR-1262-2	8.513	6.992	557299	74521	34.995	26.749
38)	L8 AR-1262-3	8.856	7.523	455002	8781	43.249	4.165 #
39)	L8 AR-1262-4	8.903	7.582	149534	160455	34.448	40.318
40)	L8 AR-1262-5	9.633	8.081	18867	19048	3.411	10.681 #
41)	L9 AR-1268-1	8.856	7.523	455002	8781	24.803	1.431 #

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 ALS Vial : 6 Sample Multiplier: 1

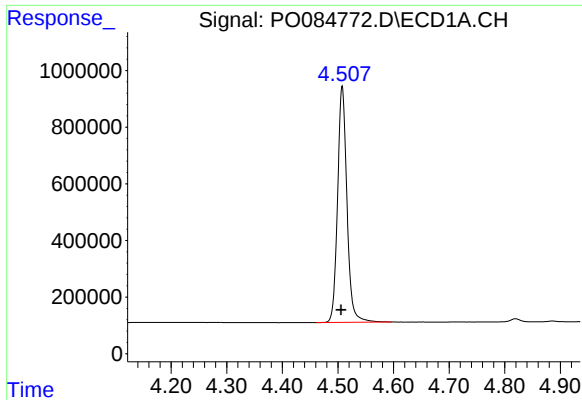
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:52:29 2022
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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	8.903f	7.582	149534	160455	9.034	29.199 #
43) L9	AR-1268-3	9.179	7.795	41510	14362	2.956	3.154
44) L9	AR-1268-4	9.633	8.081	18867	19048	3.112	10.133 #
45) L9	AR-1268-5	10.071	8.370	32426	9043	0.686	0.661

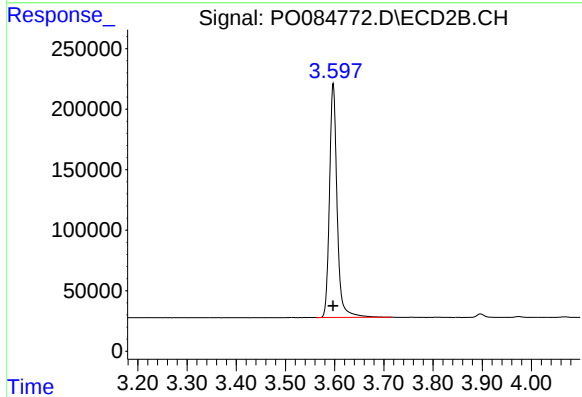
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

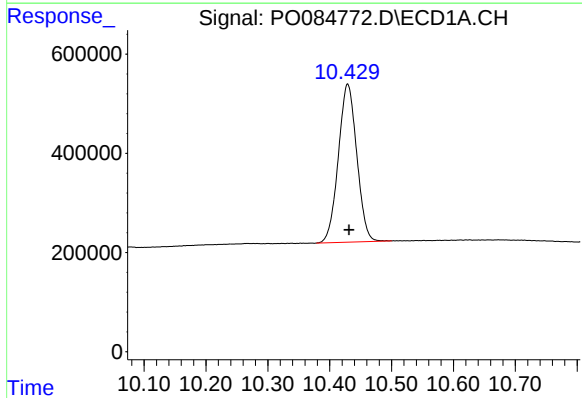
R.T.: 4.508 min
Delta R.T.: 0.002 min
Response: 9769264
Conc: 49.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



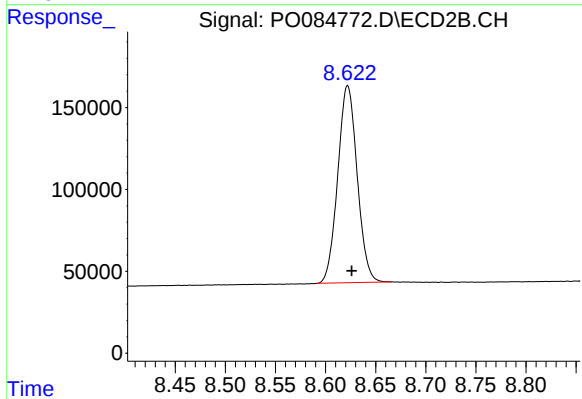
#1 Tetrachloro-m-xylene

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 2084205
Conc: 46.21 ng/ml



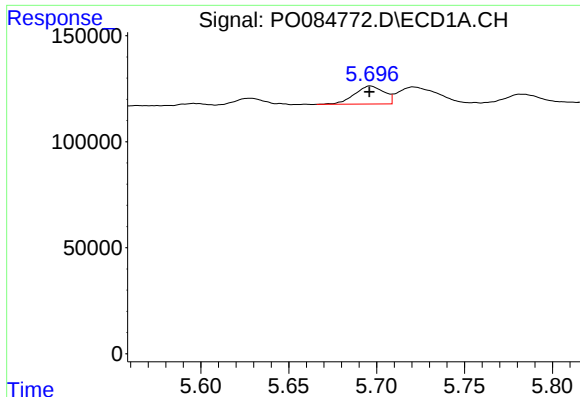
#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: -0.002 min
Response: 6602001
Conc: 53.20 ng/ml



#2 Decachlorobiphenyl

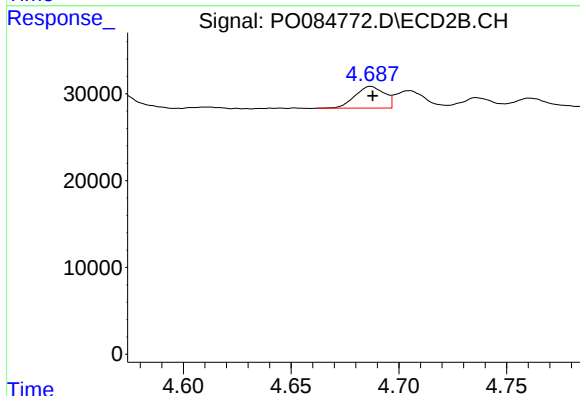
R.T.: 8.622 min
Delta R.T.: -0.004 min
Response: 1626614
Conc: 44.62 ng/ml



#3 AR-1016-1

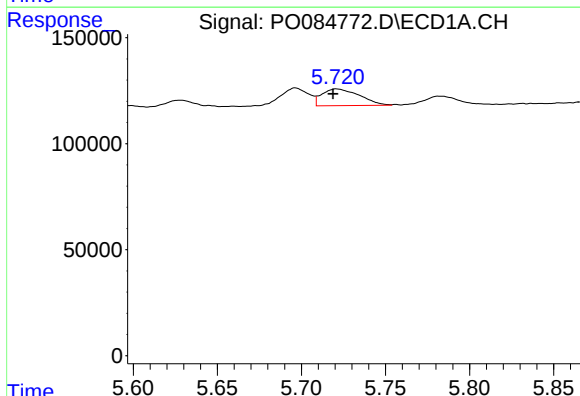
R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 99760
Conc: 15.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



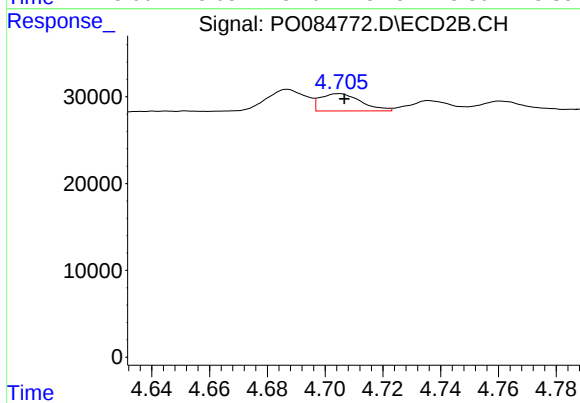
#3 AR-1016-1

R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 23675
Conc: 13.79 ng/ml



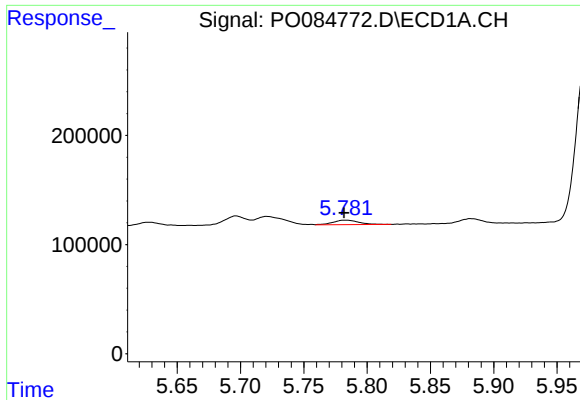
#4 AR-1016-2

R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 123020
Conc: 13.23 ng/ml



#4 AR-1016-2

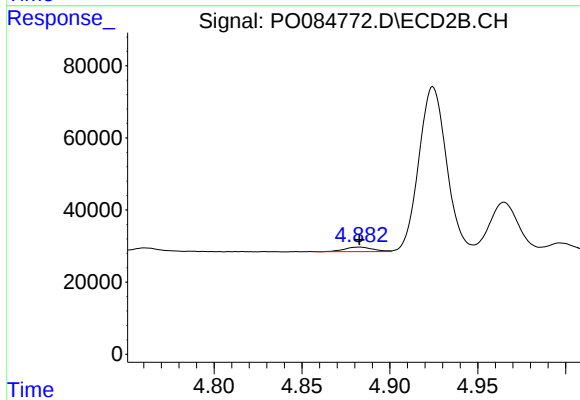
R.T.: 4.705 min
Delta R.T.: -0.002 min
Response: 19554
Conc: 8.08 ng/ml



#5 AR-1016-3

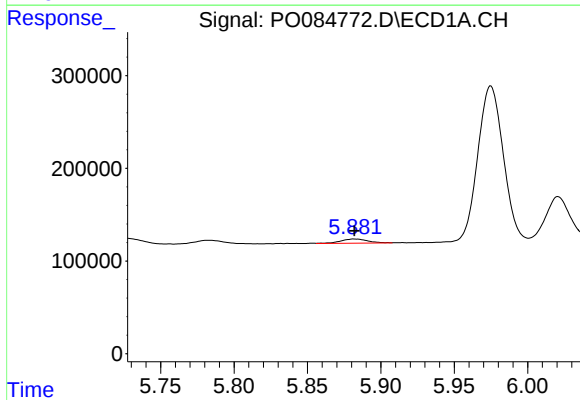
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 57348
Conc: 10.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



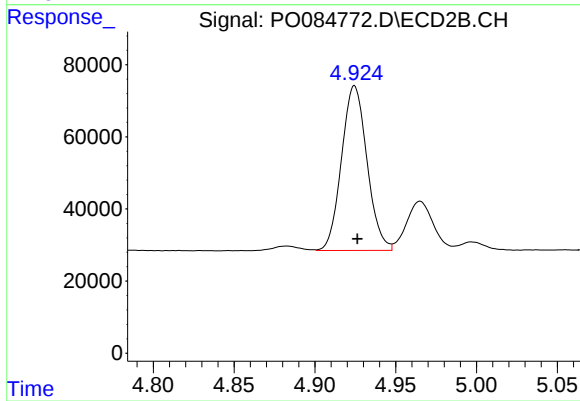
#5 AR-1016-3

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 14529
Conc: 11.06 ng/ml



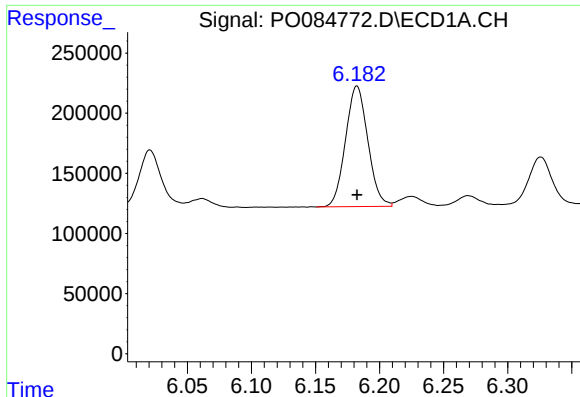
#6 AR-1016-4

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 58265
Conc: 12.56 ng/ml



#6 AR-1016-4

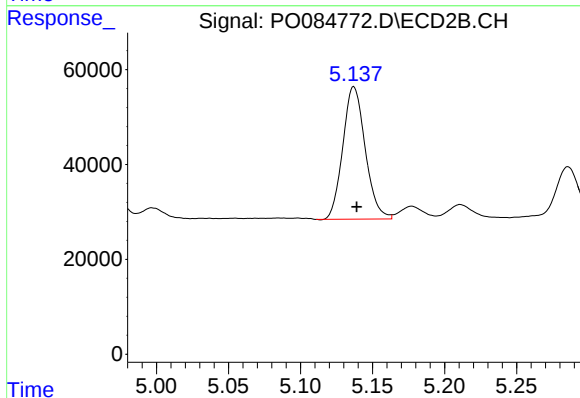
R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 501901
Conc: 453.00 ng/ml



#7 AR-1016-5

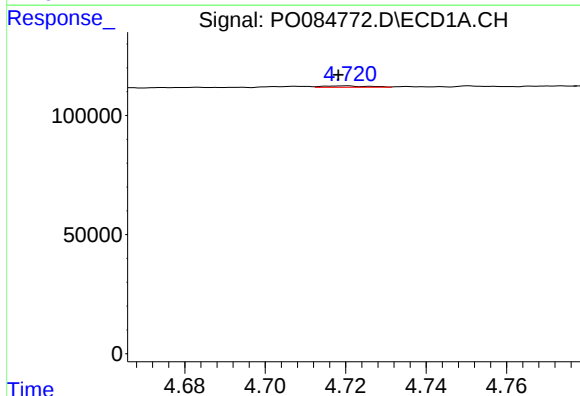
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 1215913
Conc: 271.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



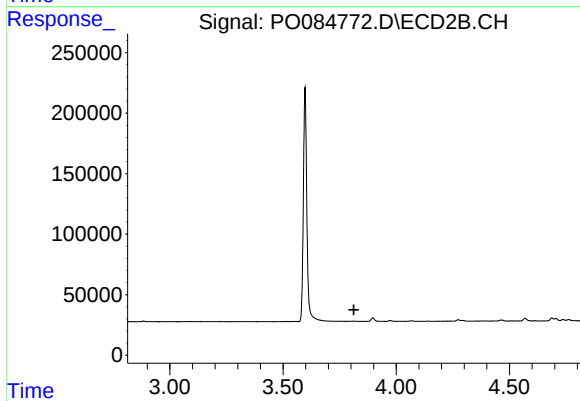
#7 AR-1016-5

R.T.: 5.137 min
Delta R.T.: -0.002 min
Response: 302498
Conc: 218.56 ng/ml



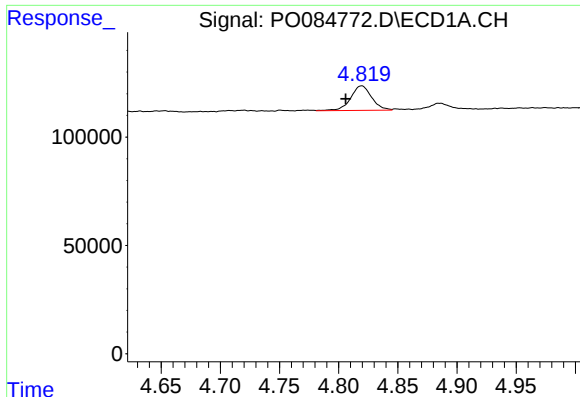
#8 AR-1221-1

R.T.: 4.721 min
Delta R.T.: 0.002 min
Response: 4687
Conc: 2.17 ng/ml



#8 AR-1221-1

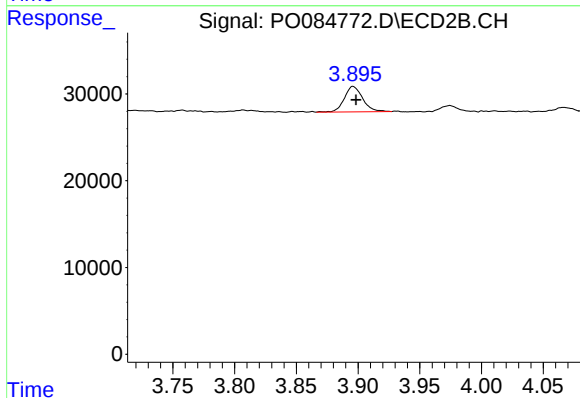
R.T.: 0.000 min
Exp R.T. : 3.813 min
Response: 0
Conc: N.D.



#9 AR-1221-2

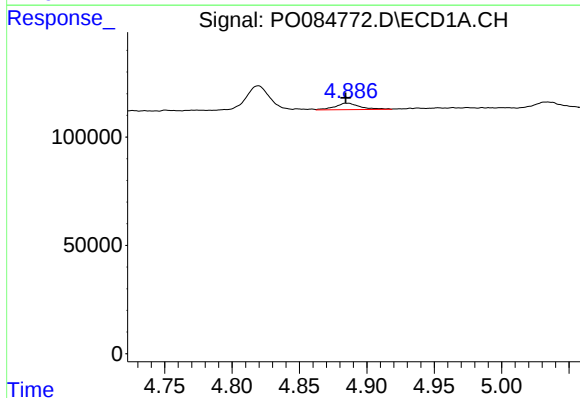
R.T.: 4.820 min
Delta R.T.: 0.013 min
Response: 140114
Conc: 88.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



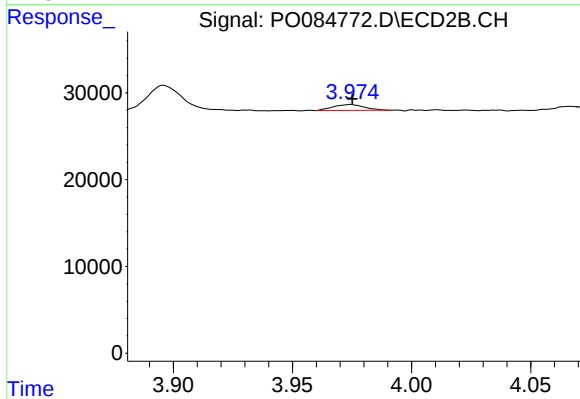
#9 AR-1221-2

R.T.: 3.896 min
Delta R.T.: -0.002 min
Response: 30343
Conc: 71.46 ng/ml



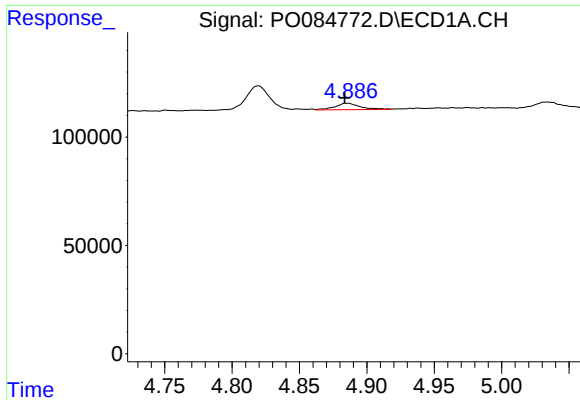
#10 AR-1221-3

R.T.: 4.886 min
Delta R.T.: 0.002 min
Response: 37865
Conc: 7.64 ng/ml



#10 AR-1221-3

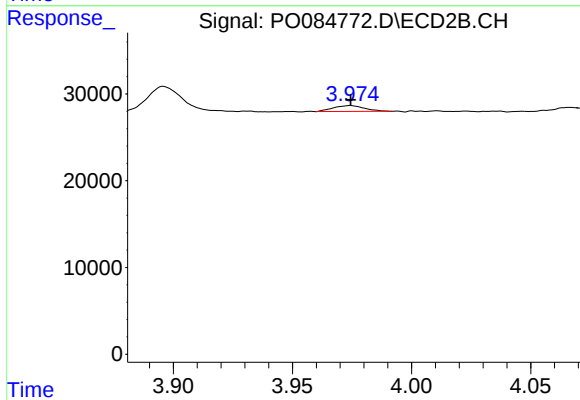
R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 6239
Conc: 4.79 ng/ml



#11 AR-1232-1

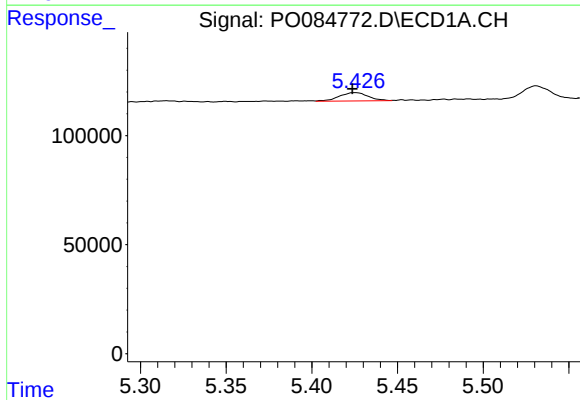
R.T.: 4.886 min
Delta R.T.: 0.003 min
Response: 37865
Conc: 9.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



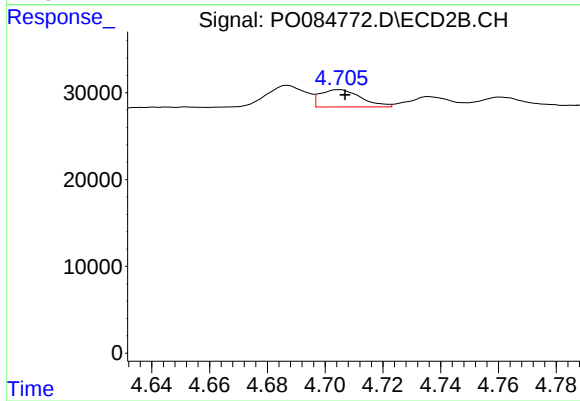
#11 AR-1232-1

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 6239
Conc: 5.67 ng/ml



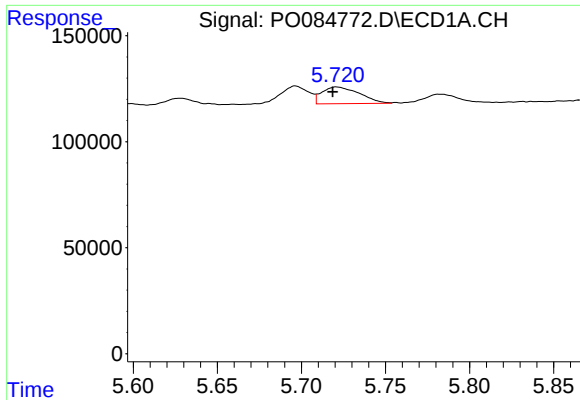
#12 AR-1232-2

R.T.: 5.425 min
Delta R.T.: 0.002 min
Response: 44701
Conc: 21.62 ng/ml



#12 AR-1232-2

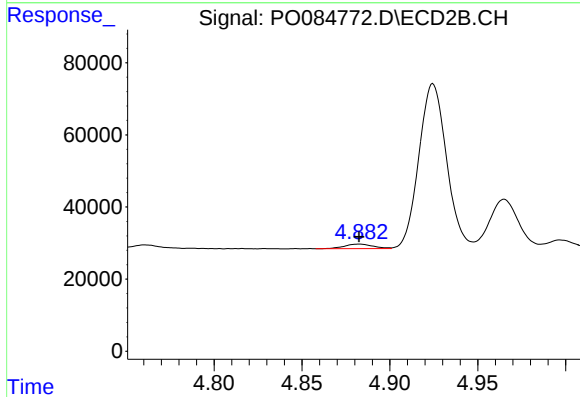
R.T.: 4.705 min
Delta R.T.: -0.002 min
Response: 19554
Conc: 19.35 ng/ml



#13 AR-1232-3

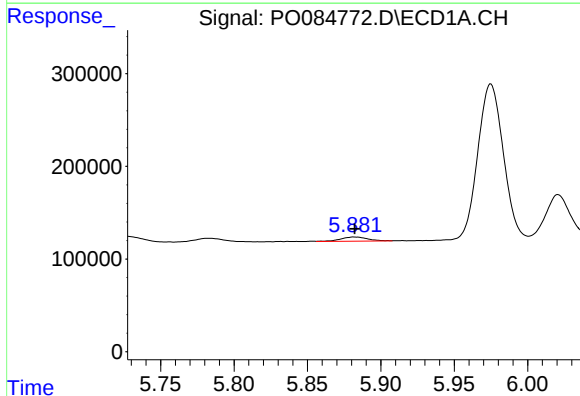
R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 123020
Conc: 33.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



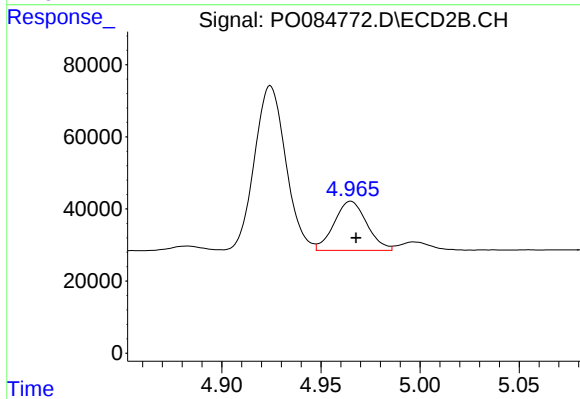
#13 AR-1232-3

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 14529
Conc: 27.27 ng/ml



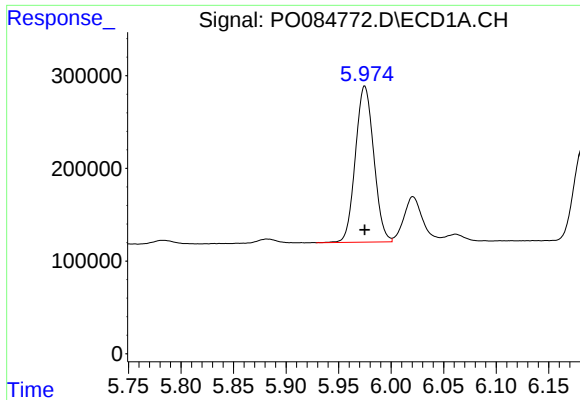
#14 AR-1232-4

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 58265
Conc: 31.21 ng/ml



#14 AR-1232-4

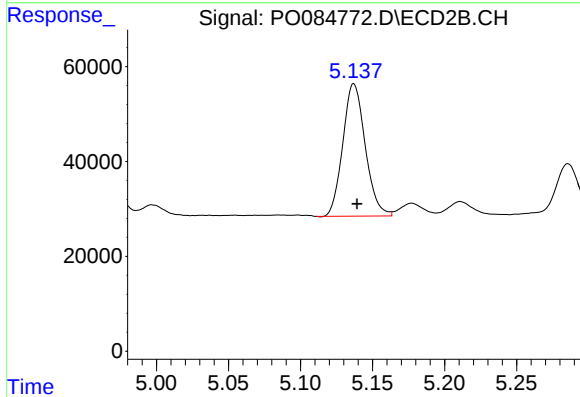
R.T.: 4.965 min
Delta R.T.: -0.003 min
Response: 156309
Conc: 313.25 ng/ml



#15 AR-1232-5

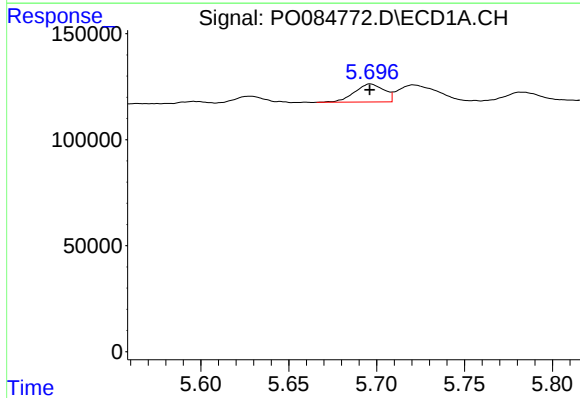
R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 2051040
Conc: 1416.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



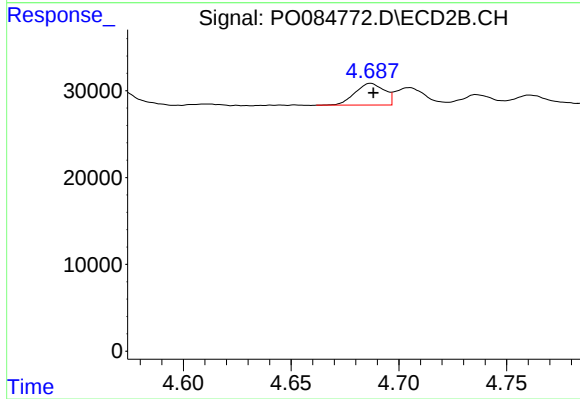
#15 AR-1232-5

R.T.: 5.137 min
Delta R.T.: -0.002 min
Response: 302498
Conc: 552.34 ng/ml



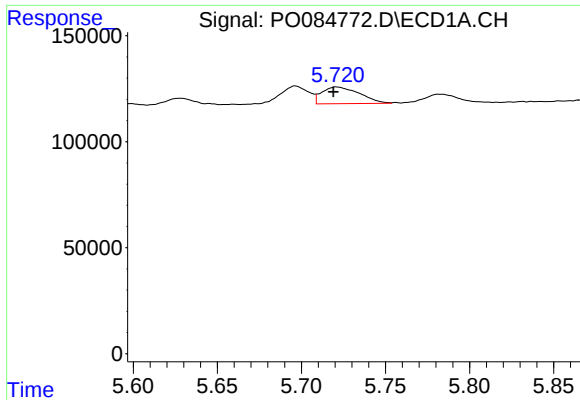
#16 AR-1242-1

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 99760
Conc: 20.06 ng/ml



#16 AR-1242-1

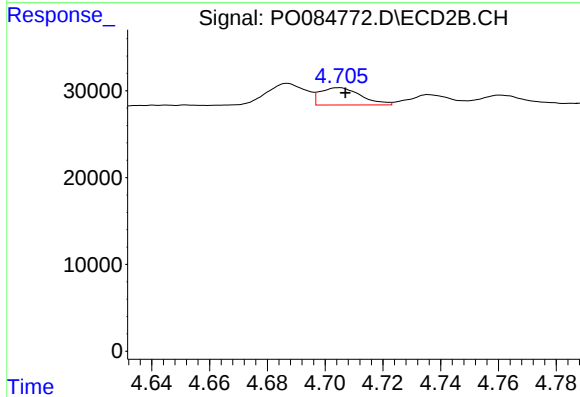
R.T.: 4.687 min
Delta R.T.: -0.001 min
Response: 23675
Conc: 17.57 ng/ml



#17 AR-1242-2

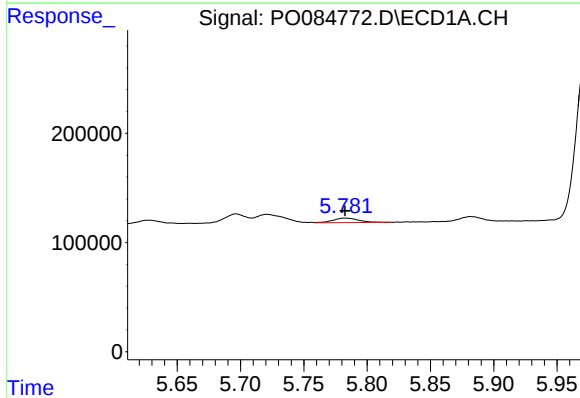
R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 123020
Conc: 17.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



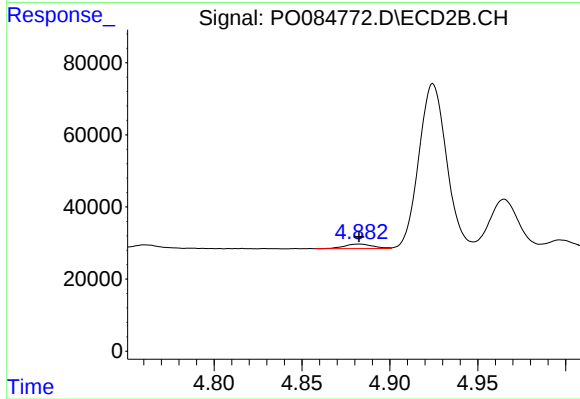
#17 AR-1242-2

R.T.: 4.705 min
Delta R.T.: -0.002 min
Response: 19554
Conc: 10.40 ng/ml



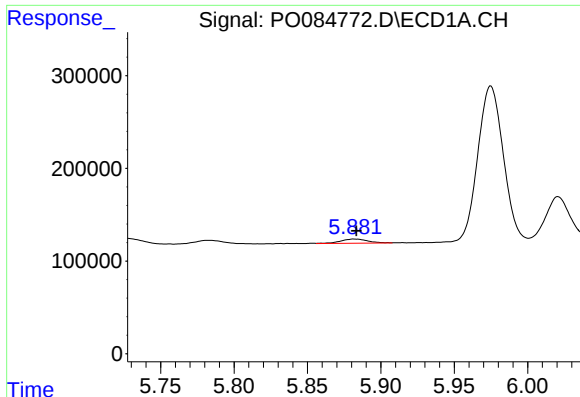
#18 AR-1242-3

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 57348
Conc: 13.16 ng/ml



#18 AR-1242-3

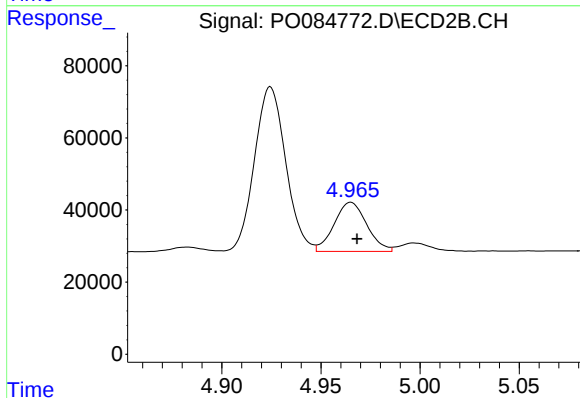
R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 14529
Conc: 14.17 ng/ml



#19 AR-1242-4

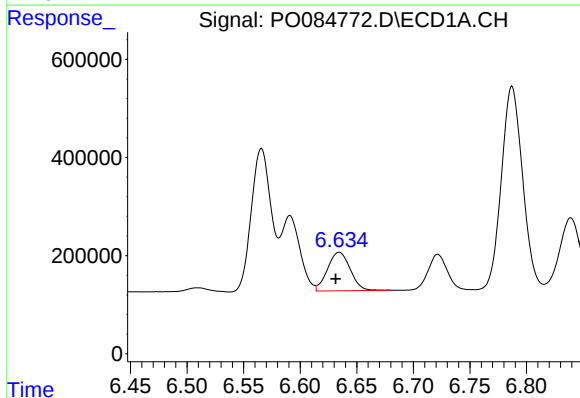
R.T.: 5.881 min
Delta R.T.: -0.002 min
Response: 58265
Conc: 16.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



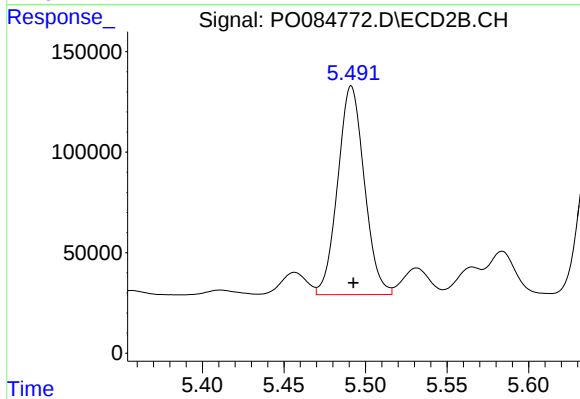
#19 AR-1242-4

R.T.: 4.965 min
Delta R.T.: -0.003 min
Response: 156309
Conc: 149.66 ng/ml



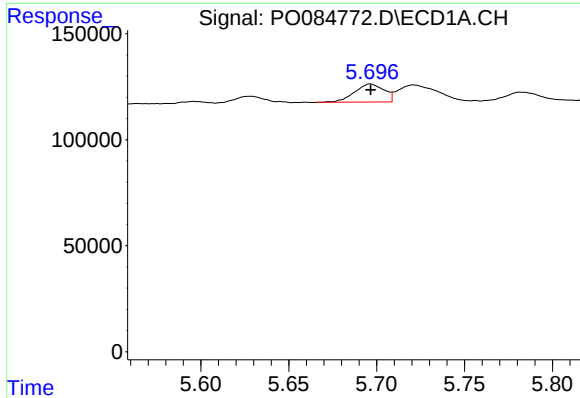
#20 AR-1242-5

R.T.: 6.635 min
Delta R.T.: 0.003 min
Response: 1097367
Conc: 310.41 ng/ml



#20 AR-1242-5

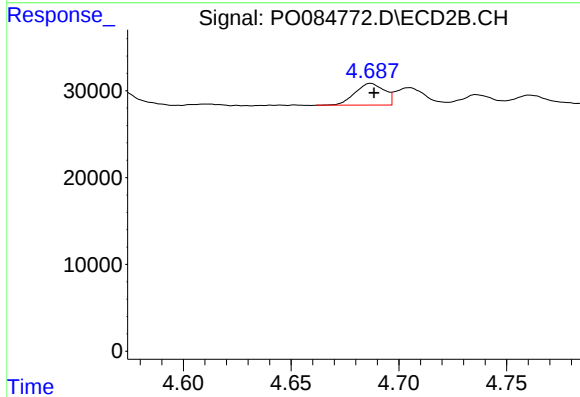
R.T.: 5.491 min
Delta R.T.: -0.001 min
Response: 1176600
Conc: 936.58 ng/ml



#21 AR-1248-1

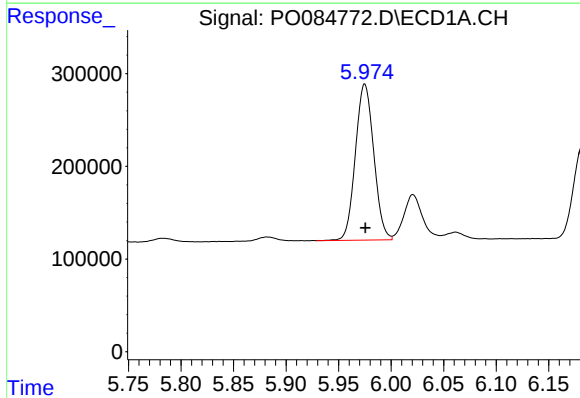
R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 99760
Conc: 27.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



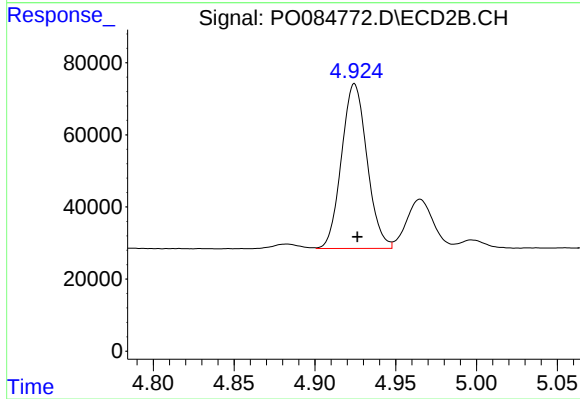
#21 AR-1248-1

R.T.: 4.687 min
Delta R.T.: -0.001 min
Response: 23675
Conc: 24.60 ng/ml



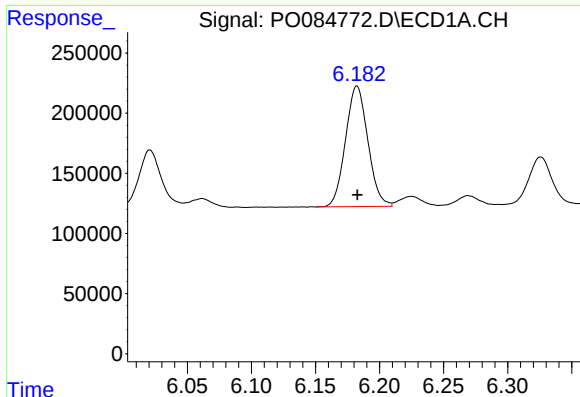
#22 AR-1248-2

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 2051040
Conc: 396.96 ng/ml



#22 AR-1248-2

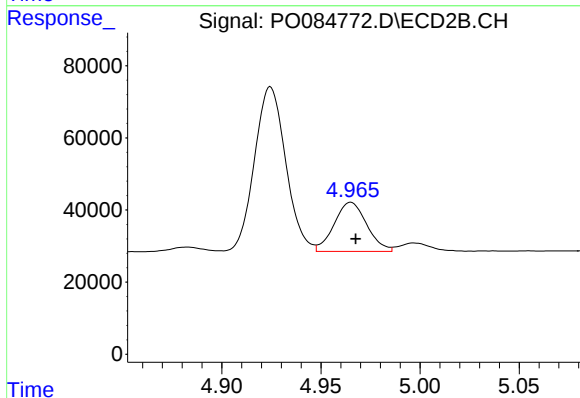
R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 501901
Conc: 366.23 ng/ml



#23 AR-1248-3

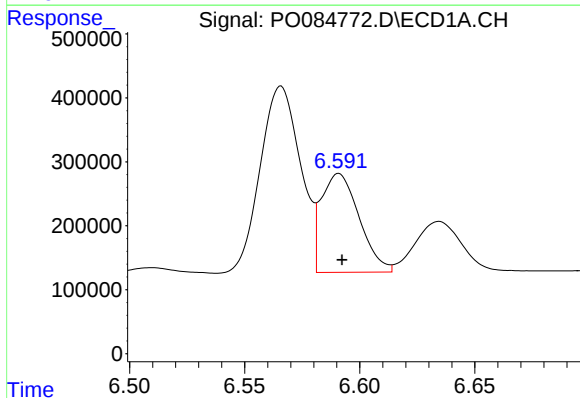
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 1215913
Conc: 213.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



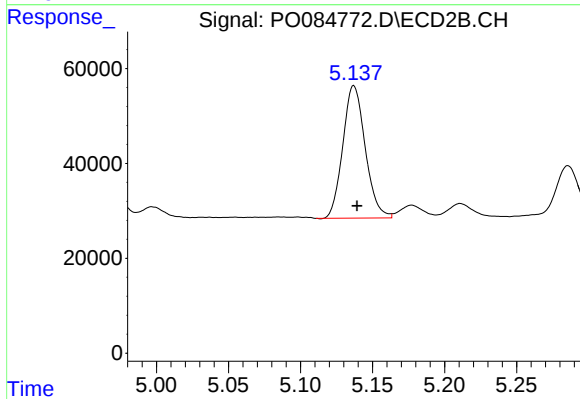
#23 AR-1248-3

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 156309
Conc: 109.32 ng/ml



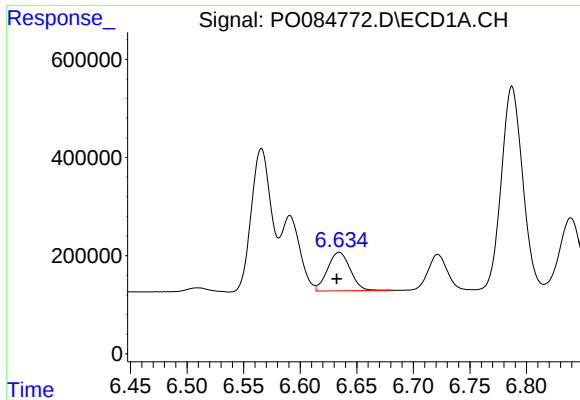
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: -0.001 min
Response: 1775430
Conc: 280.94 ng/ml



#24 AR-1248-4

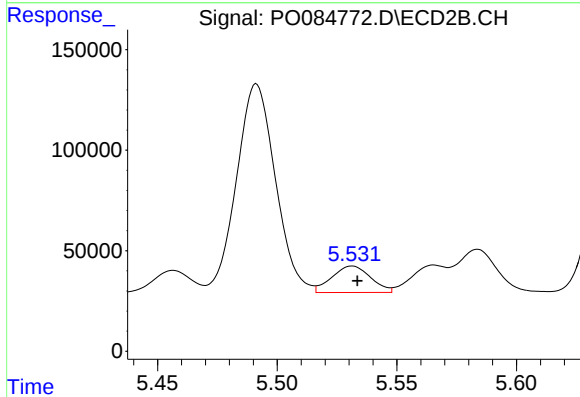
R.T.: 5.137 min
Delta R.T.: -0.002 min
Response: 302498
Conc: 182.88 ng/ml



#25 AR-1248-5

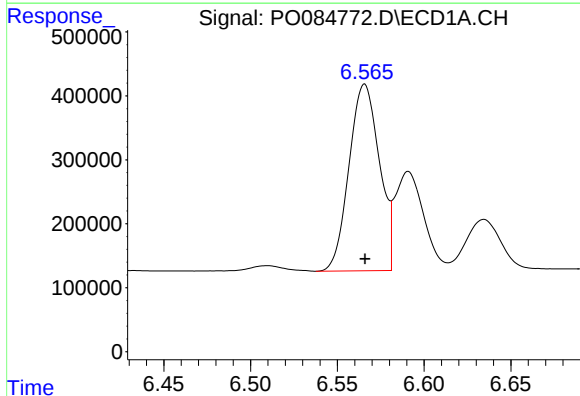
R.T.: 6.635 min
Delta R.T.: 0.002 min
Response: 1097367
Conc: 182.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



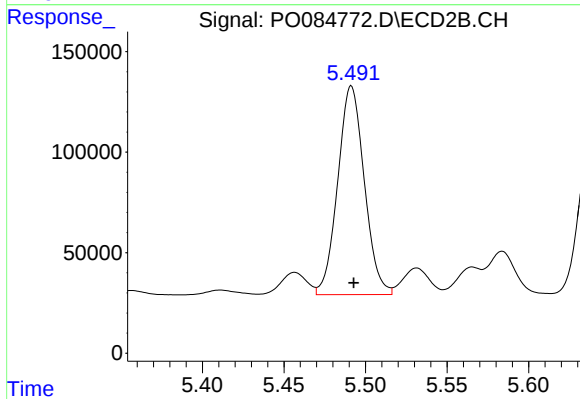
#25 AR-1248-5

R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 149059
Conc: 91.14 ng/ml



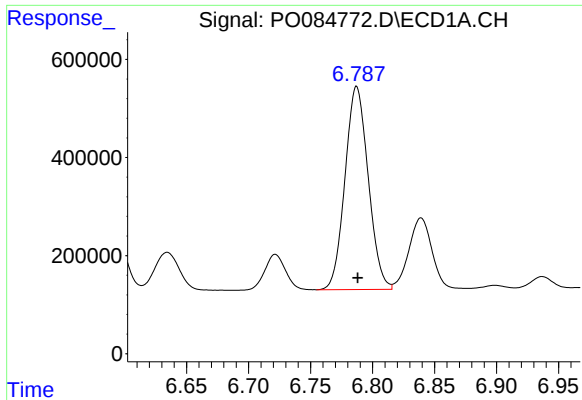
#26 AR-1254-1

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 3548434
Conc: 548.56 ng/ml



#26 AR-1254-1

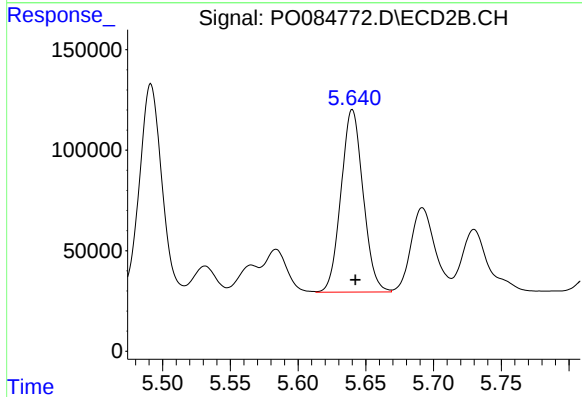
R.T.: 5.491 min
Delta R.T.: -0.002 min
Response: 1176600
Conc: 459.69 ng/ml



#27 AR-1254-2

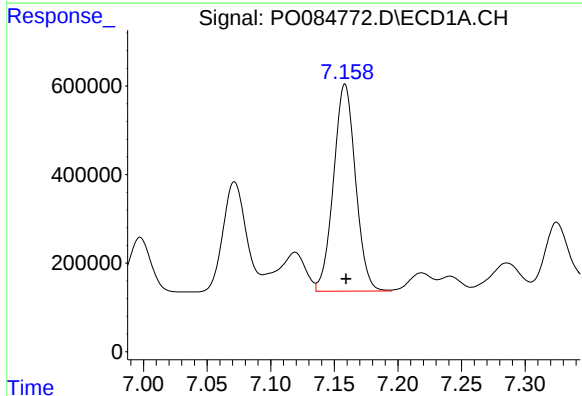
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 5397531
Conc: 546.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



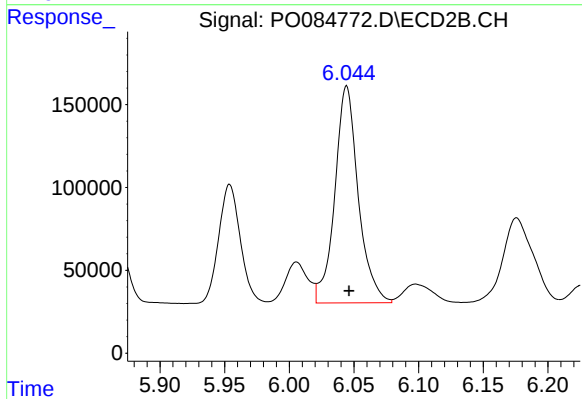
#27 AR-1254-2

R.T.: 5.640 min
Delta R.T.: -0.002 min
Response: 1032191
Conc: 461.16 ng/ml



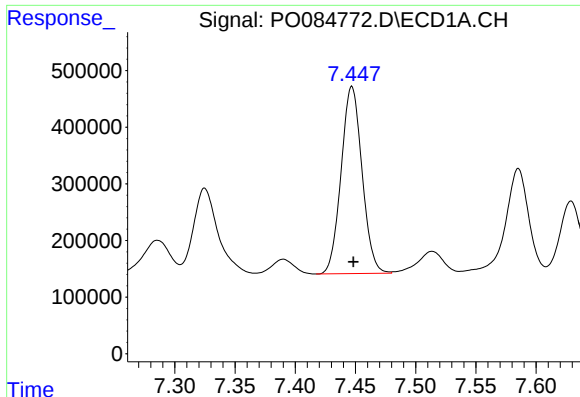
#28 AR-1254-3

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 5626766
Conc: 543.16 ng/ml



#28 AR-1254-3

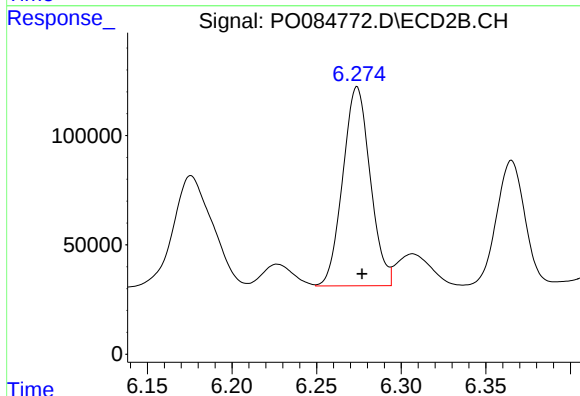
R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 1655444
Conc: 454.79 ng/ml



#29 AR-1254-4

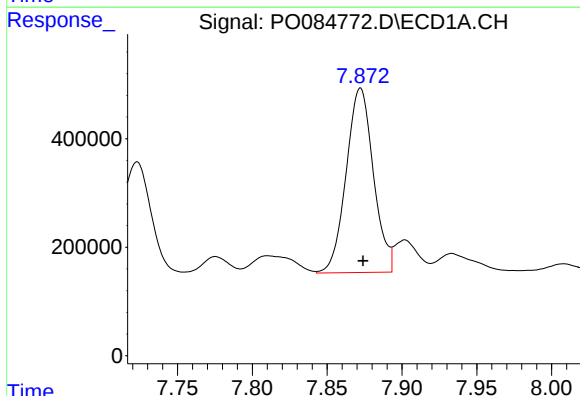
R.T.: 7.447 min
Delta R.T.: -0.001 min
Response: 3996575
Conc: 545.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



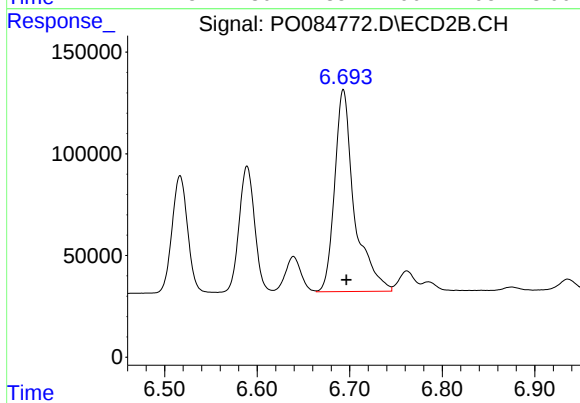
#29 AR-1254-4

R.T.: 6.274 min
Delta R.T.: -0.003 min
Response: 1027252
Conc: 457.18 ng/ml



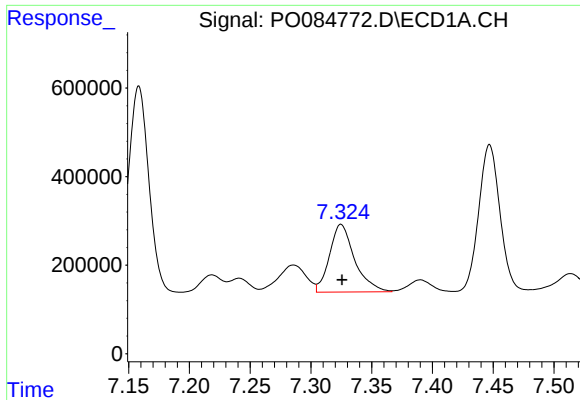
#30 AR-1254-5

R.T.: 7.872 min
Delta R.T.: -0.002 min
Response: 4304117
Conc: 534.70 ng/ml



#30 AR-1254-5

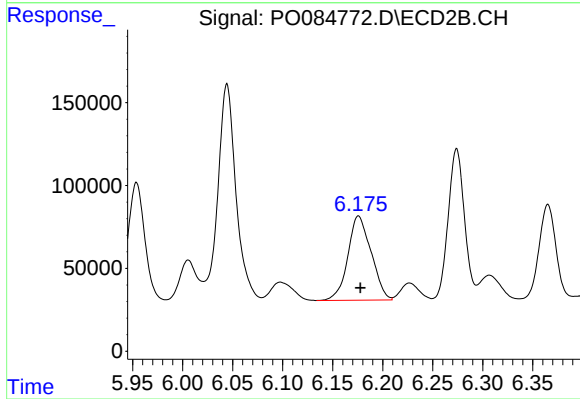
R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 1469228
Conc: 449.46 ng/ml



#31 AR-1260-1

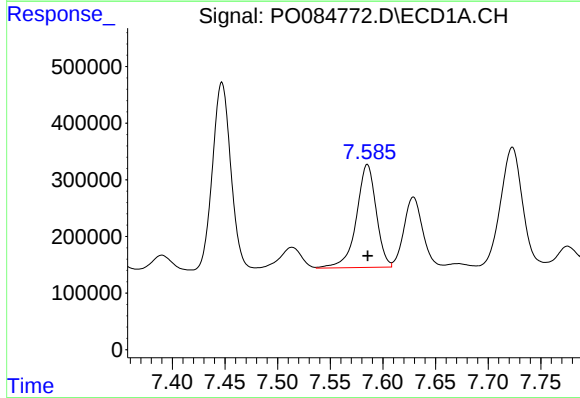
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 2201934
Conc: 318.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



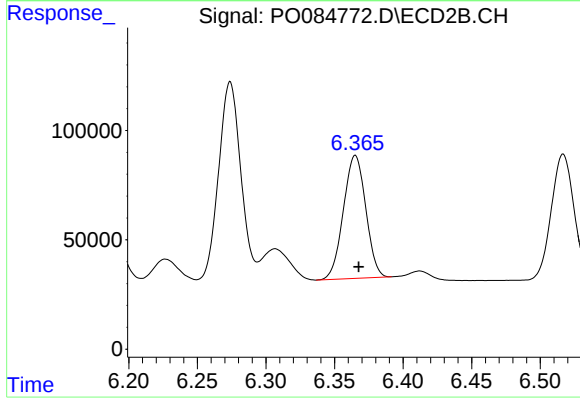
#31 AR-1260-1

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 822751
Conc: 339.56 ng/ml



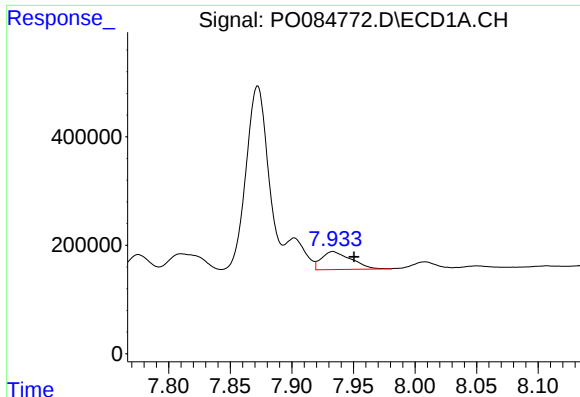
#32 AR-1260-2

R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 2379718
Conc: 291.12 ng/ml



#32 AR-1260-2

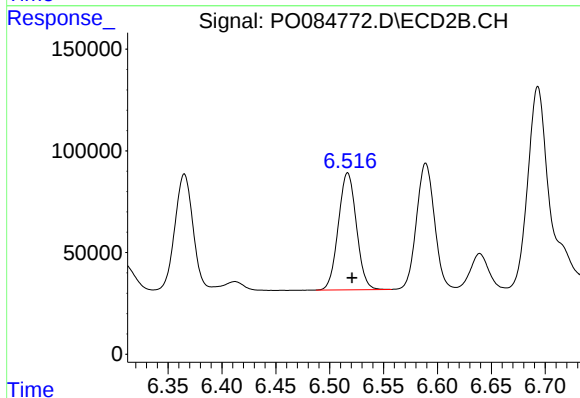
R.T.: 6.365 min
Delta R.T.: -0.002 min
Response: 637965
Conc: 220.25 ng/ml



#33 AR-1260-3

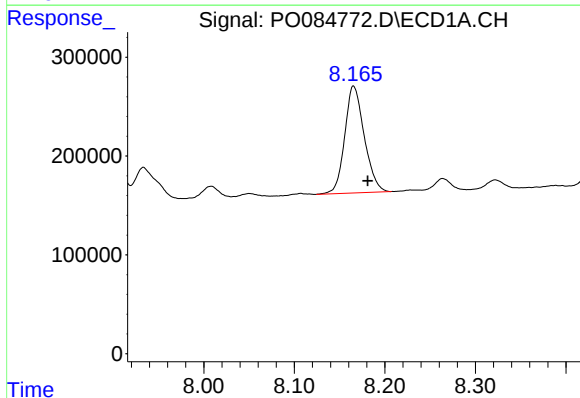
R.T.: 7.933 min
Delta R.T.: -0.017 min
Response: 553253
Conc: 90.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



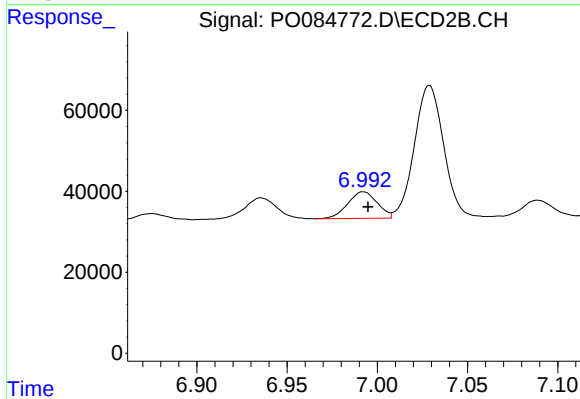
#33 AR-1260-3

R.T.: 6.517 min
Delta R.T.: -0.004 min
Response: 672163
Conc: 247.01 ng/ml



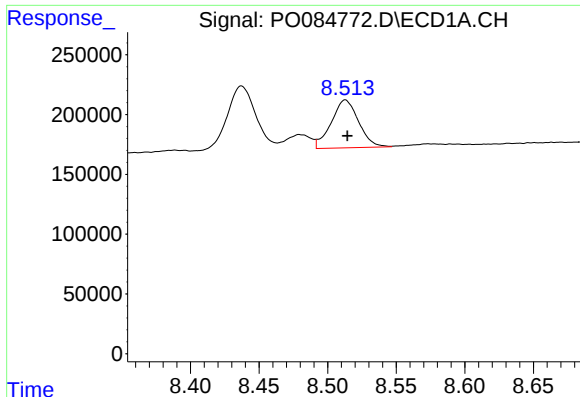
#34 AR-1260-4

R.T.: 8.165 min
Delta R.T.: -0.016 min
Response: 1620711
Conc: 232.22 ng/ml



#34 AR-1260-4

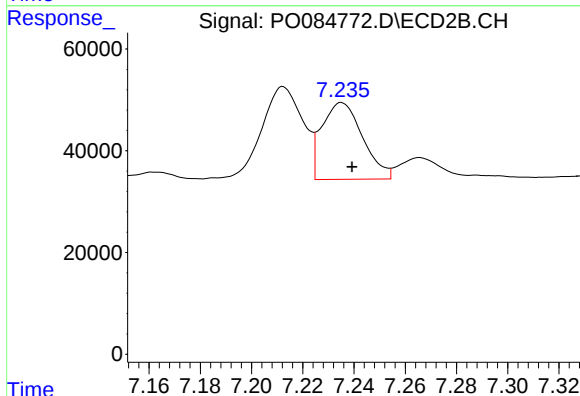
R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 74521
Conc: 32.38 ng/ml



#35 AR-1260-5

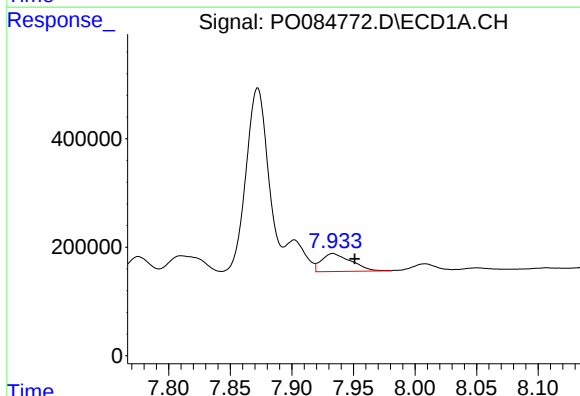
R.T.: 8.513 min
Delta R.T.: -0.001 min
Response: 557299
Conc: 40.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



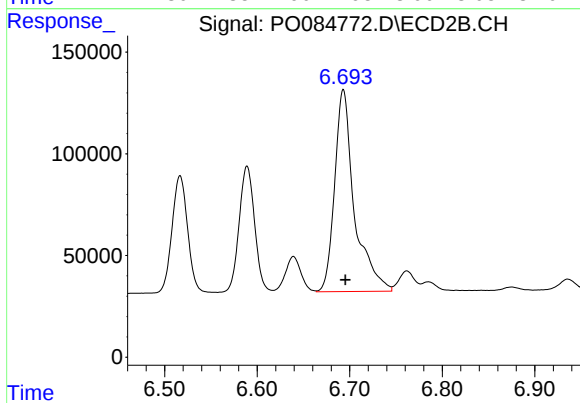
#35 AR-1260-5

R.T.: 7.235 min
Delta R.T.: -0.004 min
Response: 166803
Conc: 31.51 ng/ml



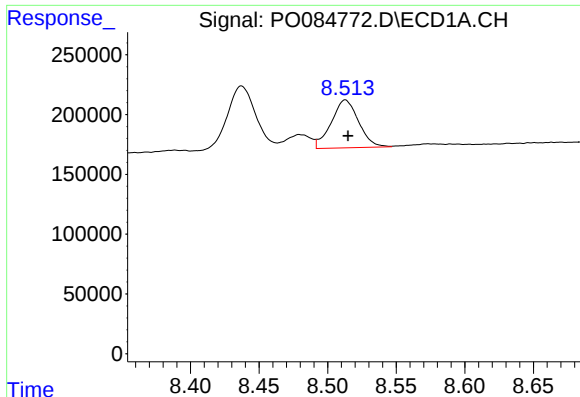
#36 AR-1262-1

R.T.: 7.933 min
Delta R.T.: -0.018 min
Response: 553253
Conc: 62.81 ng/ml



#36 AR-1262-1

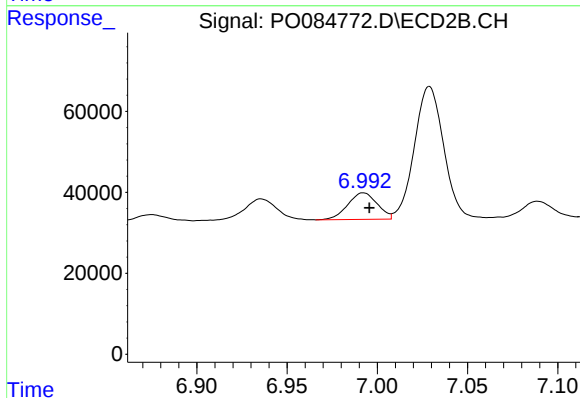
R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 1469228
Conc: 890.42 ng/ml



#37 AR-1262-2

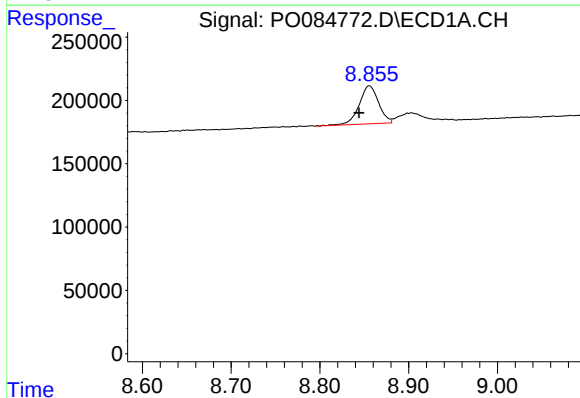
R.T.: 8.513 min
Delta R.T.: -0.002 min
Response: 557299
Conc: 34.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



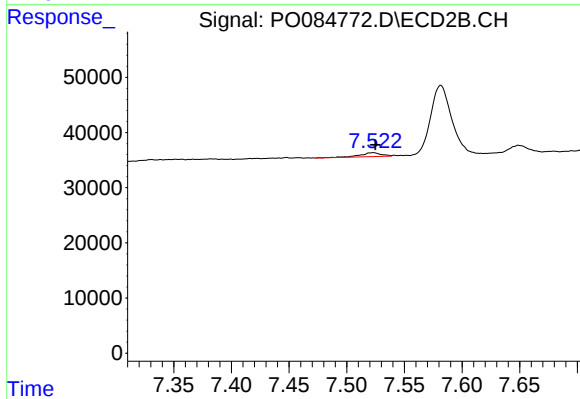
#37 AR-1262-2

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 74521
Conc: 26.75 ng/ml



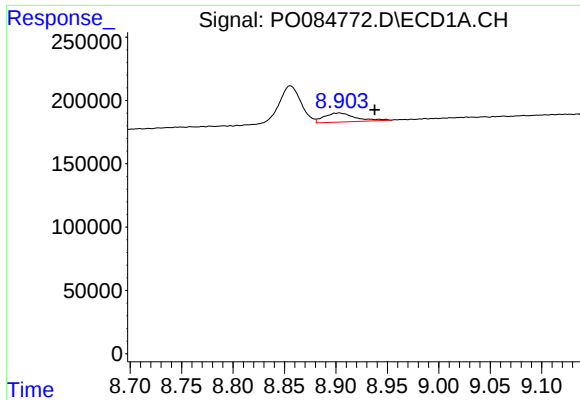
#38 AR-1262-3

R.T.: 8.856 min
Delta R.T.: 0.012 min
Response: 455002
Conc: 43.25 ng/ml



#38 AR-1262-3

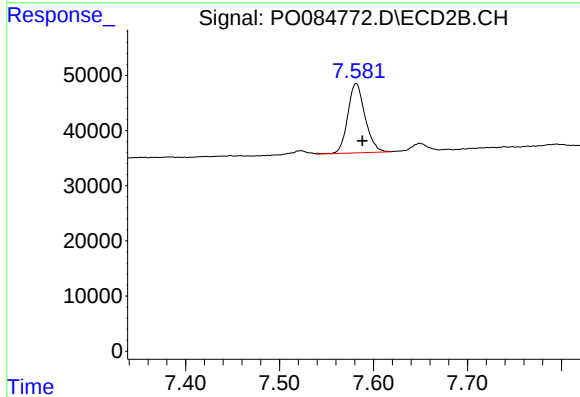
R.T.: 7.523 min
Delta R.T.: -0.002 min
Response: 8781
Conc: 4.17 ng/ml



#39 AR-1262-4

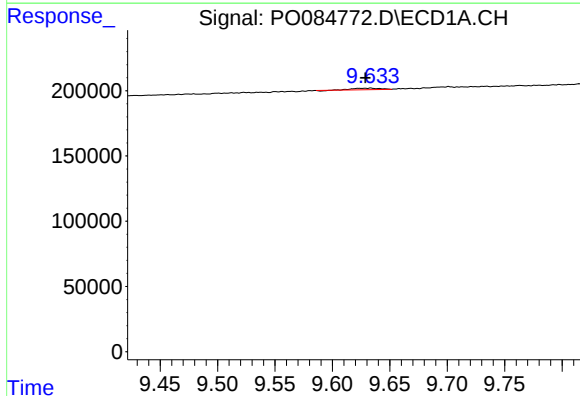
R.T.: 8.903 min
Delta R.T.: -0.034 min
Response: 149534
Conc: 34.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



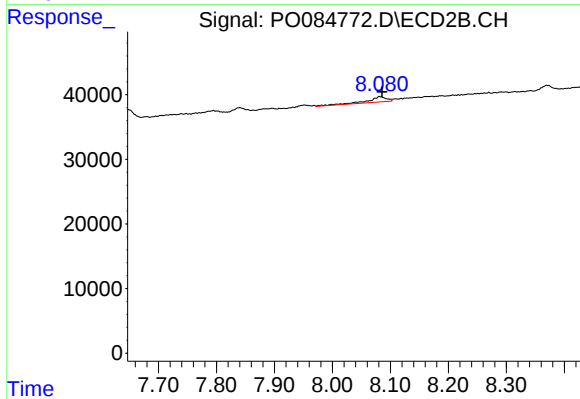
#39 AR-1262-4

R.T.: 7.582 min
Delta R.T.: -0.007 min
Response: 160455
Conc: 40.32 ng/ml



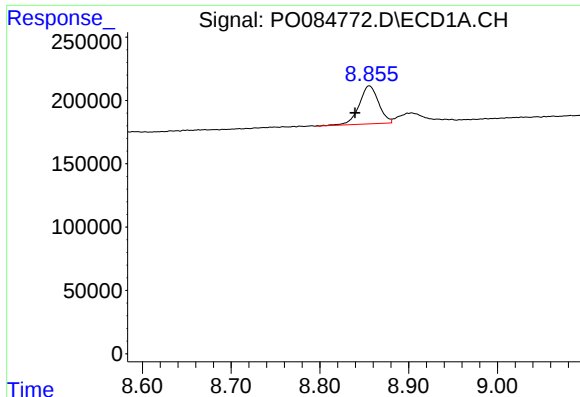
#40 AR-1262-5

R.T.: 9.633 min
Delta R.T.: 0.005 min
Response: 18867
Conc: 3.41 ng/ml



#40 AR-1262-5

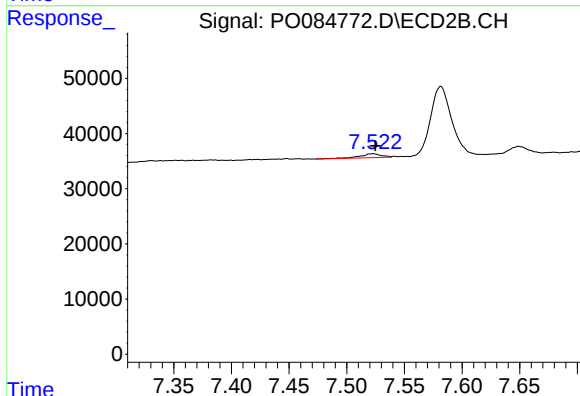
R.T.: 8.081 min
Delta R.T.: -0.004 min
Response: 19048
Conc: 10.68 ng/ml



#41 AR-1268-1

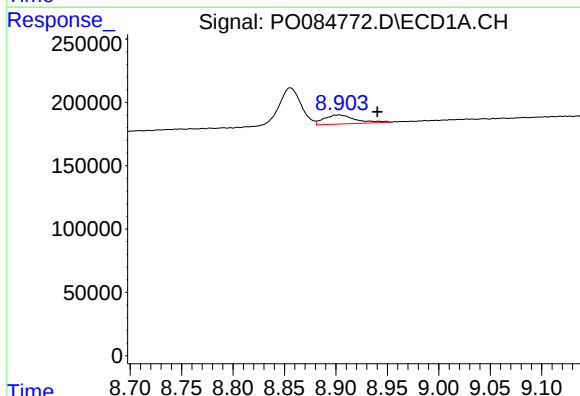
R.T.: 8.856 min
Delta R.T.: 0.016 min
Response: 455002
Conc: 24.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



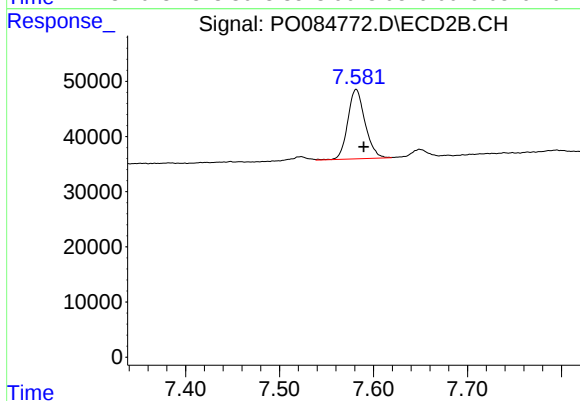
#41 AR-1268-1

R.T.: 7.523 min
Delta R.T.: -0.002 min
Response: 8781
Conc: 1.43 ng/ml



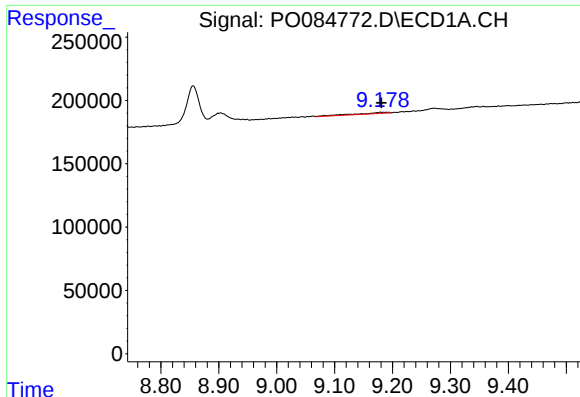
#42 AR-1268-2

R.T.: 8.903 min
Delta R.T.: -0.037 min
Response: 149534
Conc: 9.03 ng/ml



#42 AR-1268-2

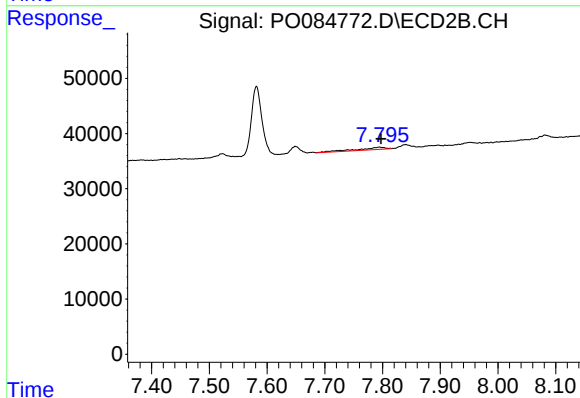
R.T.: 7.582 min
Delta R.T.: -0.008 min
Response: 160455
Conc: 29.20 ng/ml



#43 AR-1268-3

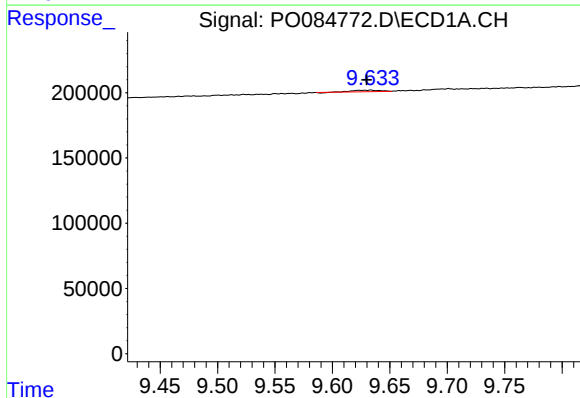
R.T.: 9.179 min
Delta R.T.: -0.002 min
Response: 41510
Conc: 2.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



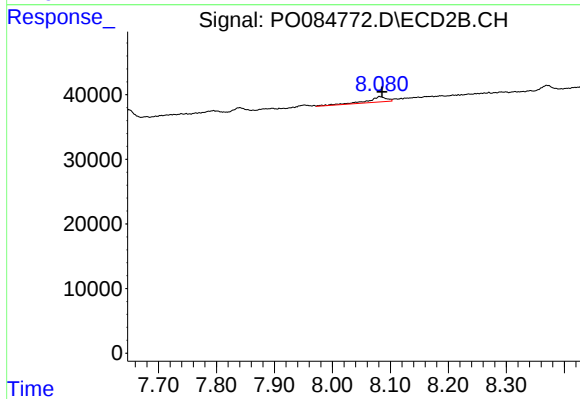
#43 AR-1268-3

R.T.: 7.795 min
Delta R.T.: -0.003 min
Response: 14362
Conc: 3.15 ng/ml



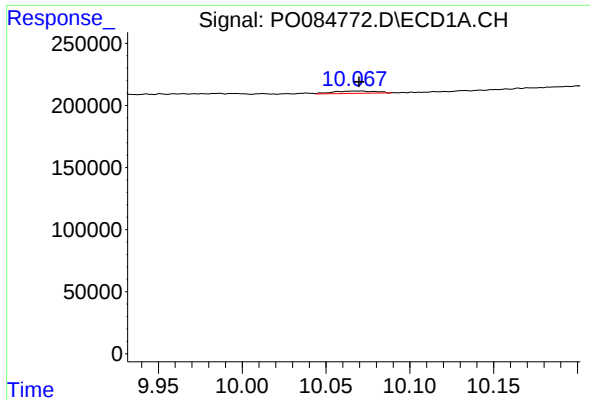
#44 AR-1268-4

R.T.: 9.633 min
Delta R.T.: 0.003 min
Response: 18867
Conc: 3.11 ng/ml



#44 AR-1268-4

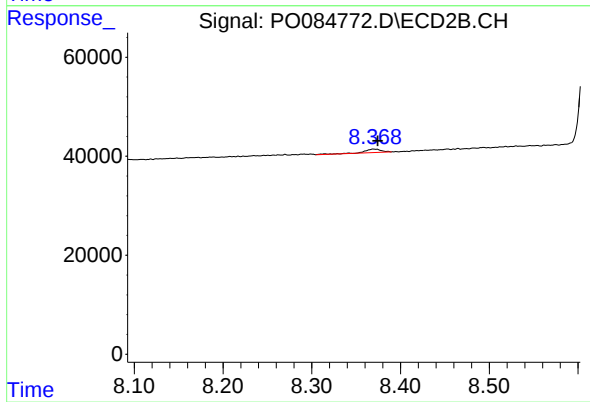
R.T.: 8.081 min
Delta R.T.: -0.004 min
Response: 19048
Conc: 10.13 ng/ml



#45 AR-1268-5

R.T.: 10.071 min
Delta R.T.: 0.001 min
Response: 32426
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.370 min
Delta R.T.: -0.005 min
Response: 9043
Conc: 0.66 ng/ml