

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071420\
 Data File : P0069617.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Jul 2020 13:54
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 14:41:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 08 16:12:41 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...	4.393	3.566	2017478	2032314	54.036	51.068
2)	SA Decachlor...	10.052	8.772	2934039	2514074	48.765	44.298
Target Compounds							
3)	L1 AR-1016-1	5.701	4.798	928933	837203	518.540	497.855
4)	L1 AR-1016-2	5.723	4.816	1333877	1160566	526.158	499.098
5)	L1 AR-1016-3	5.786	5.001	793035	624355	517.069	490.126
6)	L1 AR-1016-4	5.892	5.058	667826	541596	515.322	495.953
7)	L1 AR-1016-5	6.203	5.280	656528	652572	498.276	474.408
8)	L2 AR-1221-1	4.644	3.818	65340	73518	162.944	153.804
9)	L2 AR-1221-2	4.743	3.914	100786	104544	328.749	292.163
10)	L2 AR-1221-3	4.830	4.001	386435	406150	380.296	371.376
11)	L3 AR-1232-1	4.830	4.001	386435	406150	475.079	454.263
12)	L3 AR-1232-2	5.407	4.816	583213	1160566	1360.755	1200.523
13)	L3 AR-1232-3	5.723	5.001	1333877	624355	1334.369	1194.995
14)	L3 AR-1232-4	5.892	5.101	667826	576364	1364.903	1314.598
15)	L3 AR-1232-5	5.991	5.280	519320	652572	1636.412	1247.418
16)	L4 AR-1242-1	5.701	4.798	928933	837203	712.709	667.693
17)	L4 AR-1242-2	5.723	4.816	1333877	1160566	708.346	664.267
18)	L4 AR-1242-3	5.786	5.001	793035	624355	698.330	648.564
19)	L4 AR-1242-4	5.892	5.101	667826	576364	695.946	637.096
20)	L4 AR-1242-5	6.666	5.655	107348	491719	90.427	387.959 #
21)	L5 AR-1248-1	5.701	4.798	928933	837203	951.227	855.468
22)	L5 AR-1248-2	5.991	5.058	519320	541596	407.876	397.829
23)	L5 AR-1248-3	6.203	5.101	656528	576364	415.400	456.369
24)	L5 AR-1248-4	6.629	5.280	133437	652572	65.763	401.744 #
25)	L5 AR-1248-5	6.666	5.698	107348	84951	55.932	51.480
26)	L6 AR-1254-1	6.597	5.655	398437	491719	200.161	188.898
27)	L6 AR-1254-2	6.824	5.817	505038	447798	157.321	193.972
28)	L6 AR-1254-3	7.201	6.228	297430	260311	84.688	69.314
29)	L6 AR-1254-4	7.495	6.468	188075	142826	62.841	56.517
30)	L6 AR-1254-5	7.918	6.891	1777694	1586855	590.833	442.150 #
31)	L7 AR-1260-1	7.365	6.365	1228057	1159451	467.046	439.590
32)	L7 AR-1260-2	7.633	6.565	1615696	1424726	455.459	435.276
33)	L7 AR-1260-3	7.991	6.714	1307594	1307014	452.300	429.284
34)	L7 AR-1260-4	8.218	7.192	1270538	1107621	428.955	409.201
35)	L7 AR-1260-5	8.534	7.443	2782147	2602873	411.171	406.152
36)	L8 AR-1262-1	7.991	6.891	1307594	1586855	328.586	821.780 #
37)	L8 AR-1262-2	8.534	7.443	2782147	2602873	385.439	398.648
38)	L8 AR-1262-3	8.803	7.726	632075	620699	132.006	230.312 #
39)	L8 AR-1262-4	8.869f	7.786	1060772	1898170	547.238	381.223 #
40)	L8 AR-1262-5	9.447	8.285	759862	713358	291.345	287.078
41)	L9 AR-1268-1	8.803	7.726	632075	620699	68.956	79.291

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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	8.869f	7.786	1060772	1898170	127.980	265.739 #
44) L9	AR-1268-4	9.447	8.285	759862	713358	250.703	246.663
45) L9	AR-1268-5	9.783	8.554	203521	204149	9.162	10.587

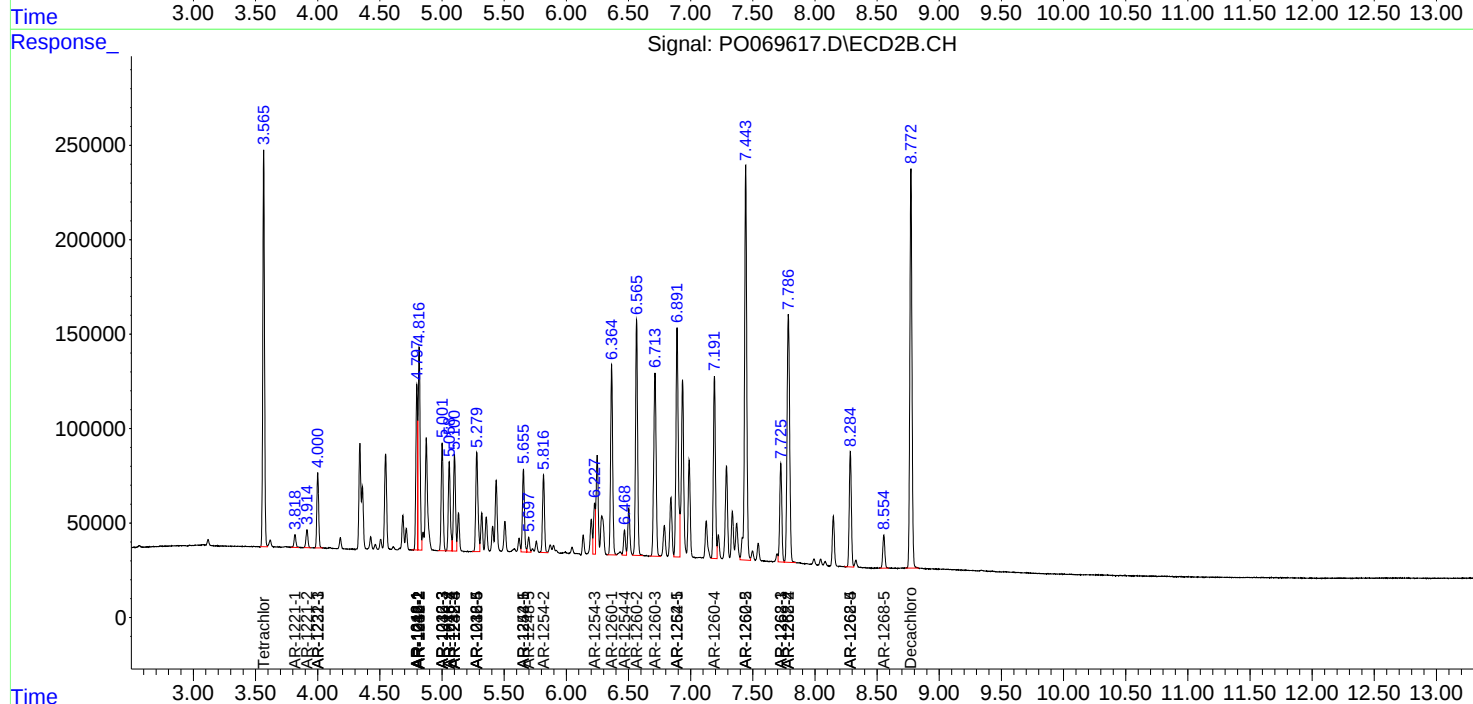
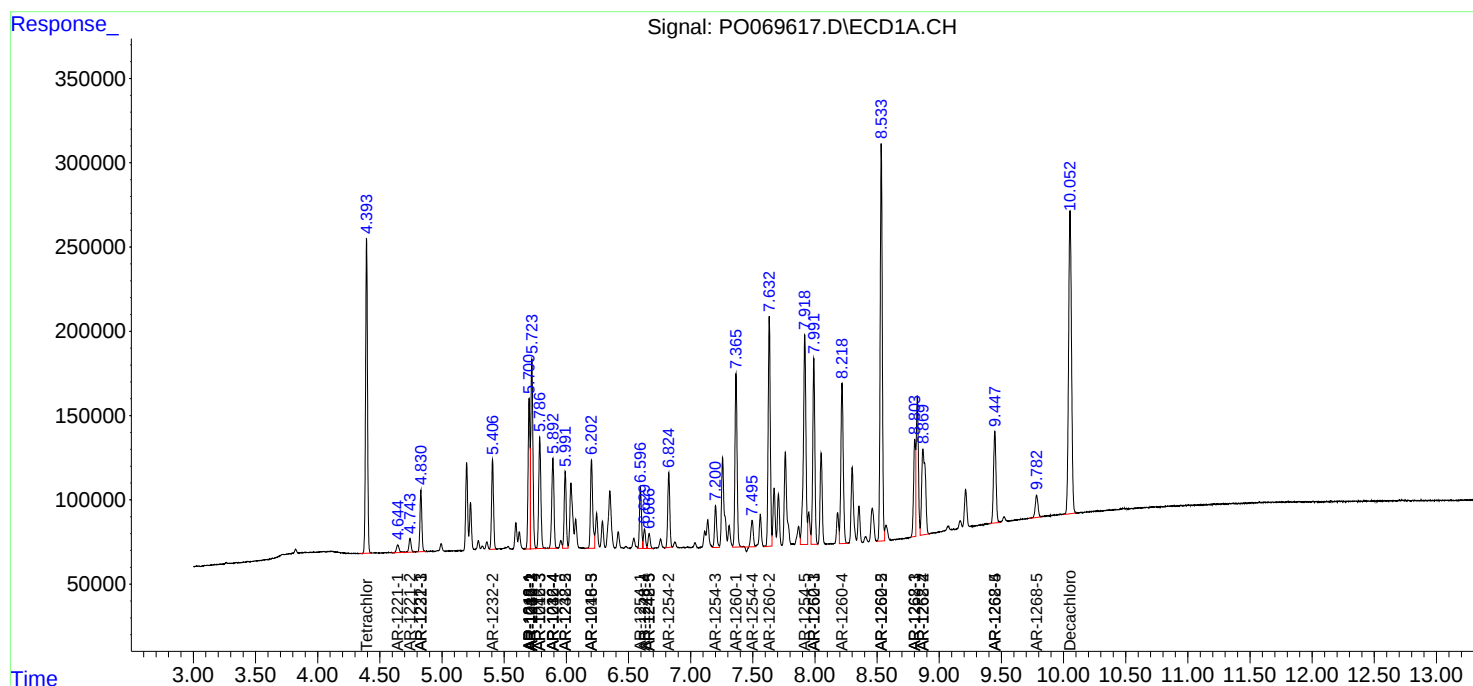
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

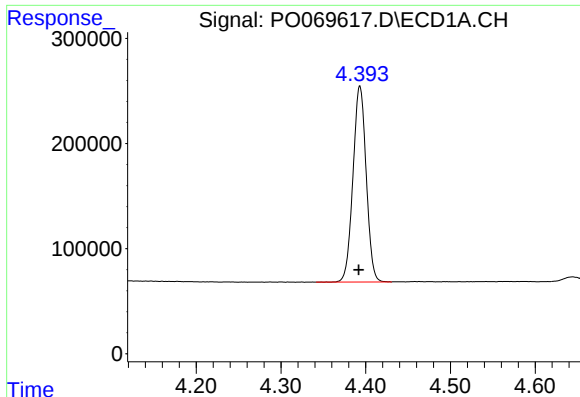
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071420\
Data File : P0069617.D
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Acq On : 14 Jul 2020 13:54
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Sample : AR1660CCC500
Misc :
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

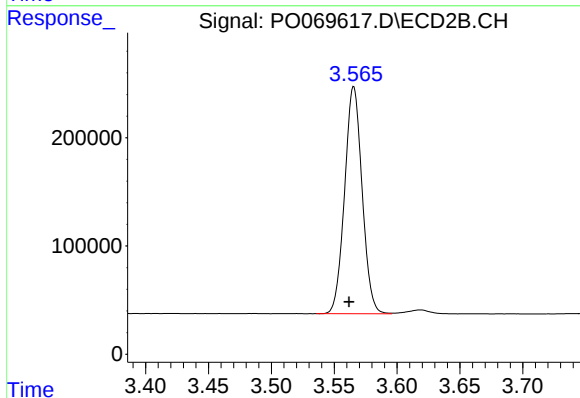




#1 Tetrachloro-m-xylene

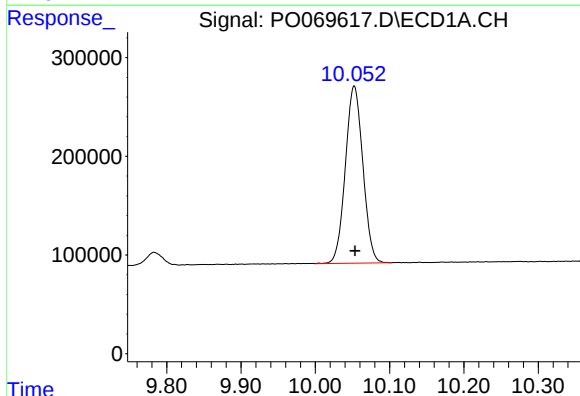
R.T.: 4.393 min
Delta R.T.: 0.001 min
Response: 2017478
Conc: 54.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



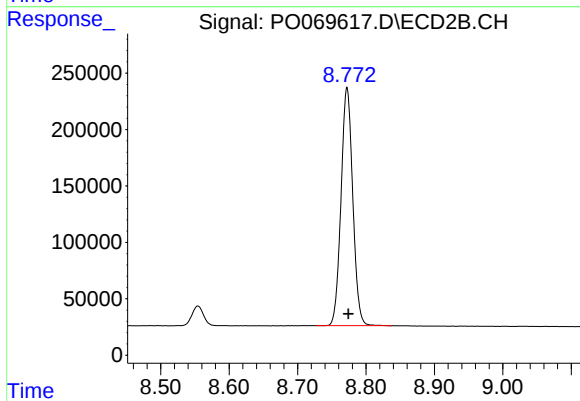
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.004 min
Response: 2032314
Conc: 51.07 ng/ml



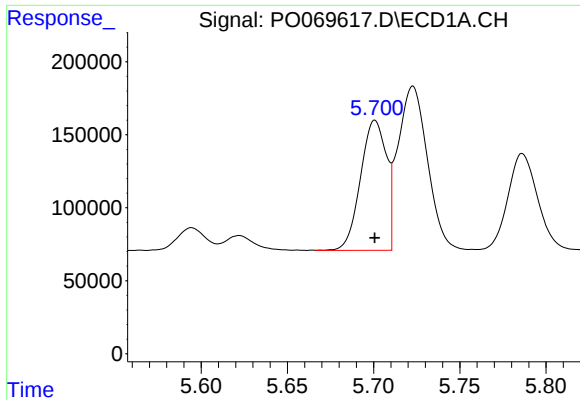
#2 Decachlorobiphenyl

R.T.: 10.052 min
Delta R.T.: 0.000 min
Response: 2934039
Conc: 48.77 ng/ml



#2 Decachlorobiphenyl

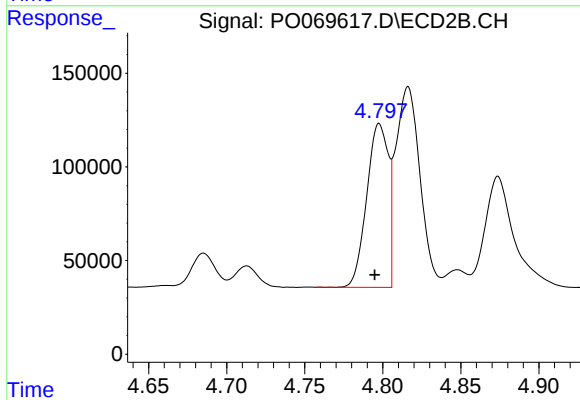
R.T.: 8.772 min
Delta R.T.: -0.002 min
Response: 2514074
Conc: 44.30 ng/ml



#3 AR-1016-1

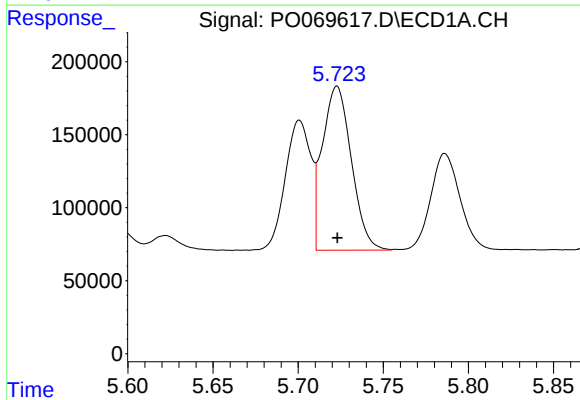
R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 928933
Conc: 518.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



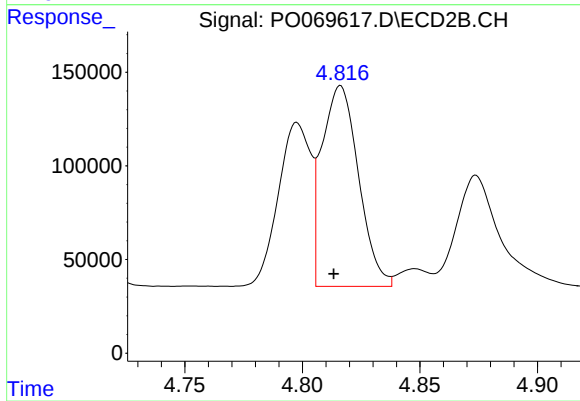
#3 AR-1016-1

R.T.: 4.798 min
Delta R.T.: 0.003 min
Response: 837203
Conc: 497.85 ng/ml



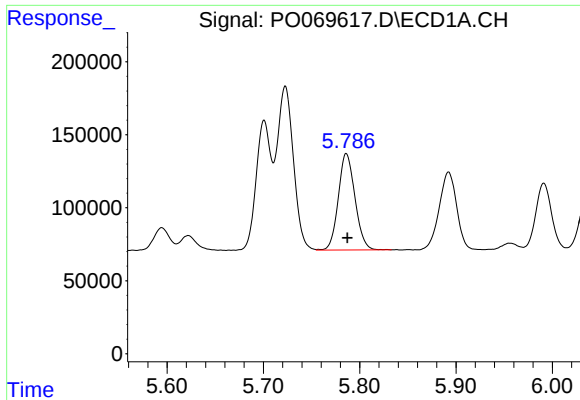
#4 AR-1016-2

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 1333877
Conc: 526.16 ng/ml



#4 AR-1016-2

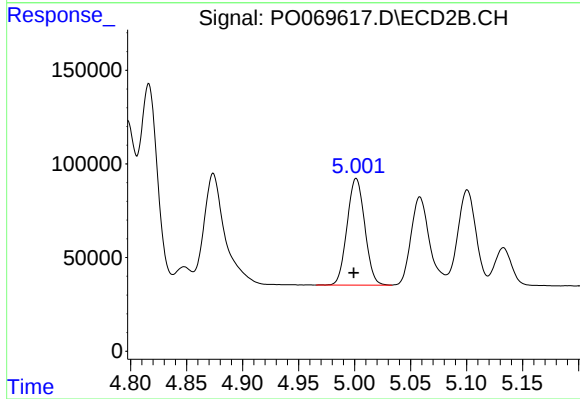
R.T.: 4.816 min
Delta R.T.: 0.003 min
Response: 1160566
Conc: 499.10 ng/ml



#5 AR-1016-3

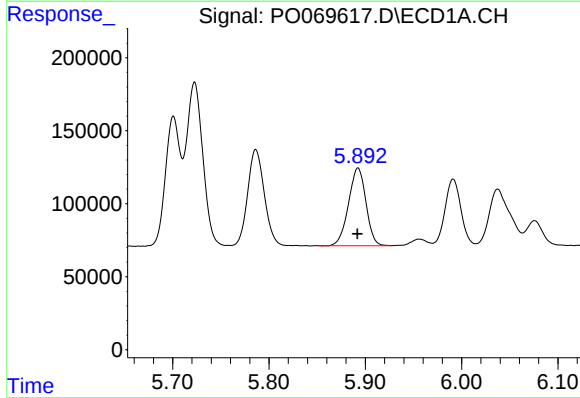
R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 793035
Conc: 517.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



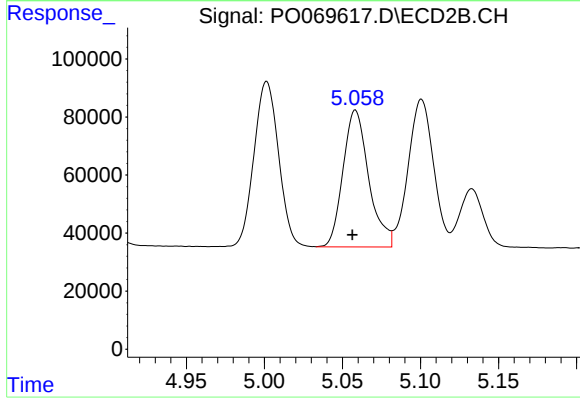
#5 AR-1016-3

R.T.: 5.001 min
Delta R.T.: 0.002 min
Response: 624355
Conc: 490.13 ng/ml



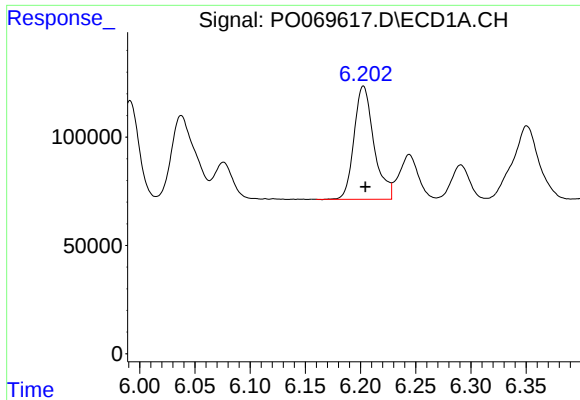
#6 AR-1016-4

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 667826
Conc: 515.32 ng/ml



#6 AR-1016-4

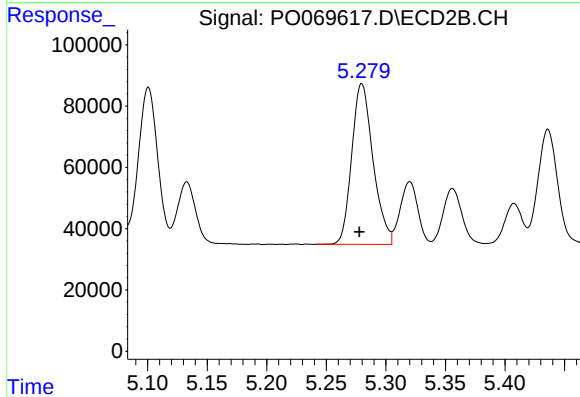
R.T.: 5.058 min
Delta R.T.: 0.002 min
Response: 541596
Conc: 495.95 ng/ml



#7 AR-1016-5

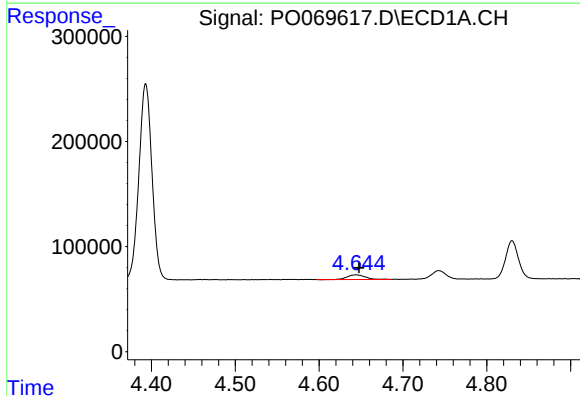
R.T.: 6.203 min
Delta R.T.: -0.002 min
Response: 656528
Conc: 498.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



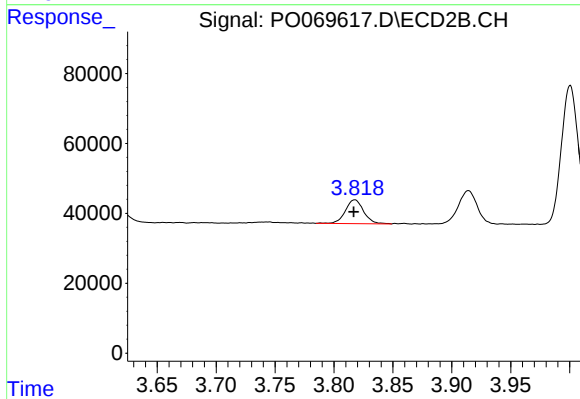
#7 AR-1016-5

R.T.: 5.280 min
Delta R.T.: 0.002 min
Response: 652572
Conc: 474.41 ng/ml



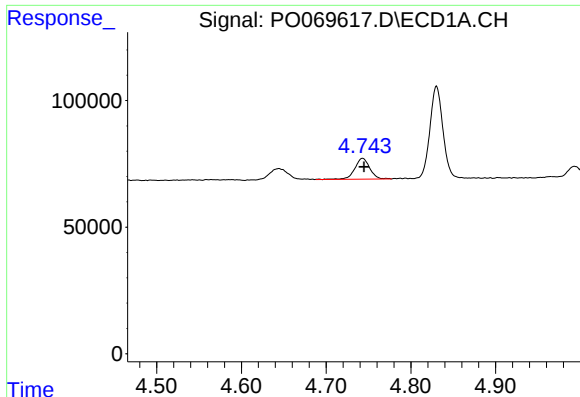
#8 AR-1221-1

R.T.: 4.644 min
Delta R.T.: -0.003 min
Response: 65340
Conc: 162.94 ng/ml



#8 AR-1221-1

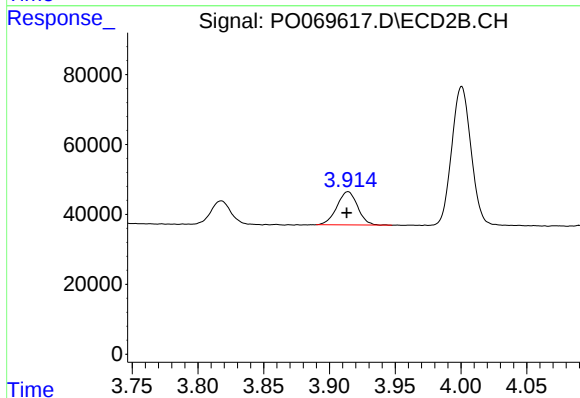
R.T.: 3.818 min
Delta R.T.: 0.001 min
Response: 73518
Conc: 153.80 ng/ml



#9 AR-1221-2

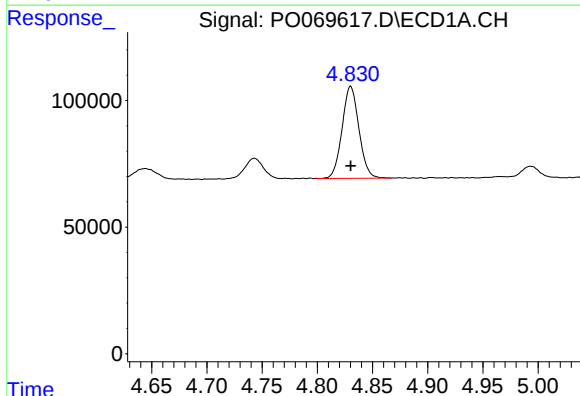
R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 100786
Conc: 328.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



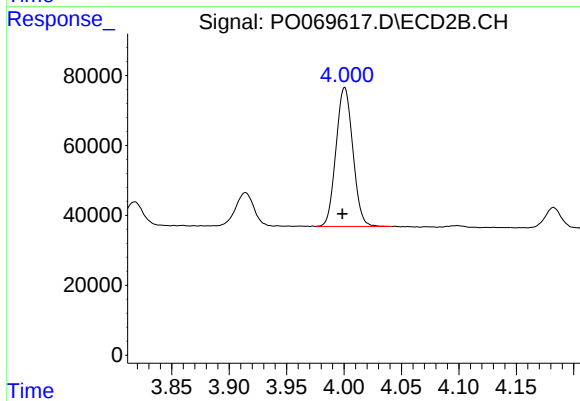
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: 0.001 min
Response: 104544
Conc: 292.16 ng/ml



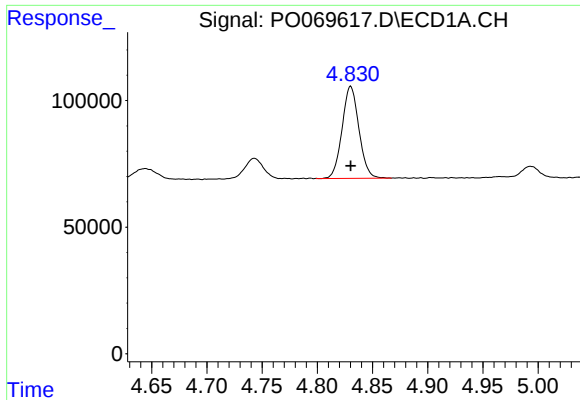
#10 AR-1221-3

R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 386435
Conc: 380.30 ng/ml



#10 AR-1221-3

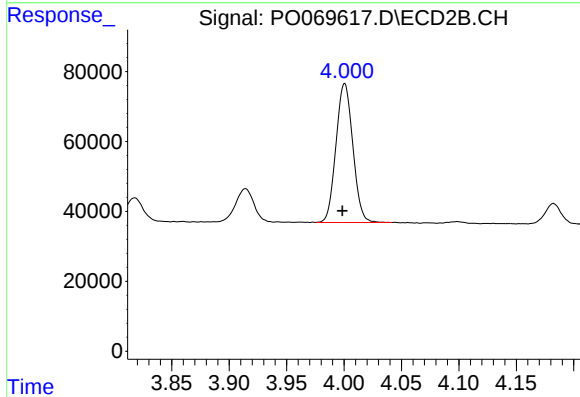
R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 406150
Conc: 371.38 ng/ml



#11 AR-1232-1

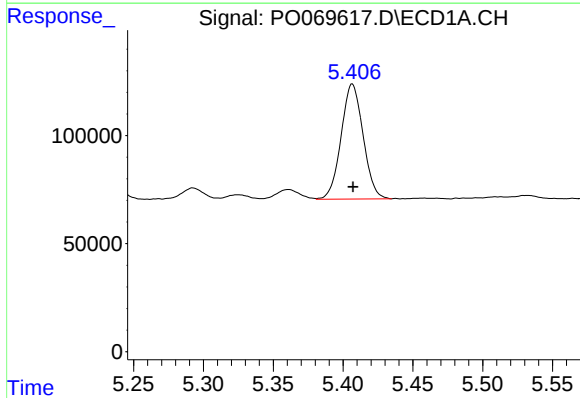
R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 386435
Conc: 475.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



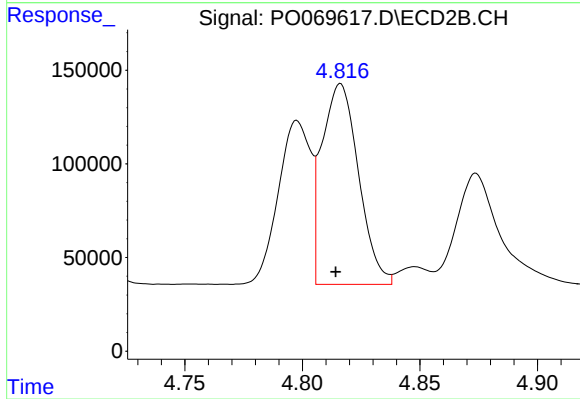
#11 AR-1232-1

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 406150
Conc: 454.26 ng/ml



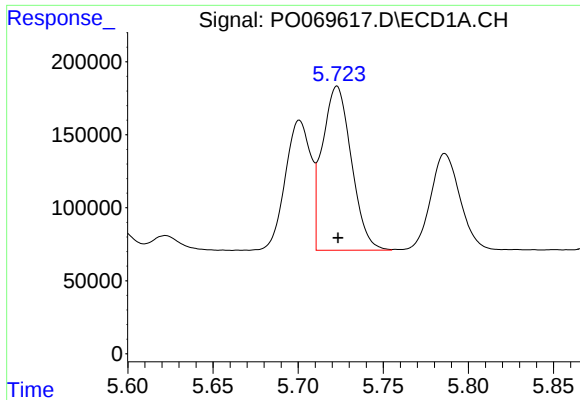
#12 AR-1232-2

R.T.: 5.407 min
Delta R.T.: 0.000 min
Response: 583213
Conc: 1360.75 ng/ml



#12 AR-1232-2

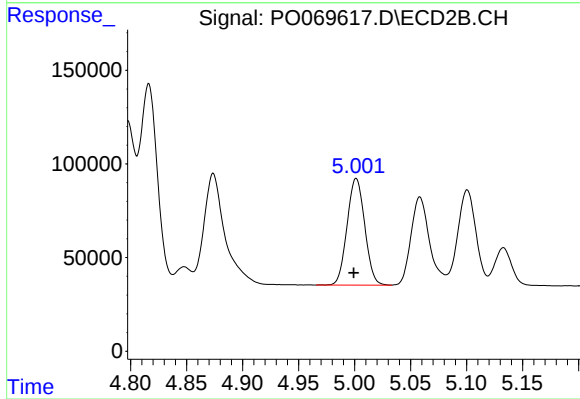
R.T.: 4.816 min
Delta R.T.: 0.002 min
Response: 1160566
Conc: 1200.52 ng/ml



#13 AR-1232-3

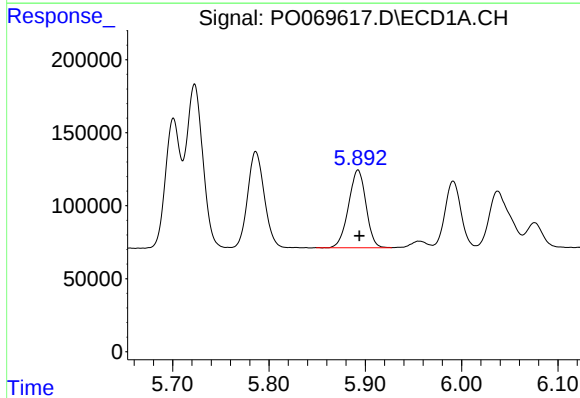
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 1333877
Conc: 1334.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



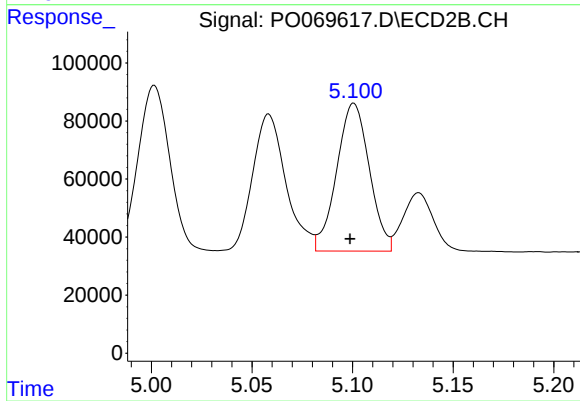
#13 AR-1232-3

R.T.: 5.001 min
Delta R.T.: 0.002 min
Response: 624355
Conc: 1195.00 ng/ml



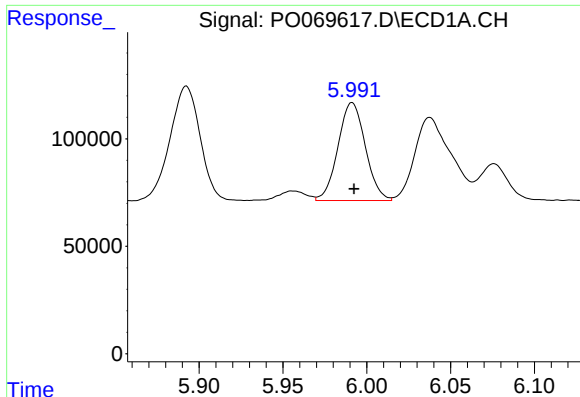
#14 AR-1232-4

R.T.: 5.892 min
Delta R.T.: -0.002 min
Response: 667826
Conc: 1364.90 ng/ml



#14 AR-1232-4

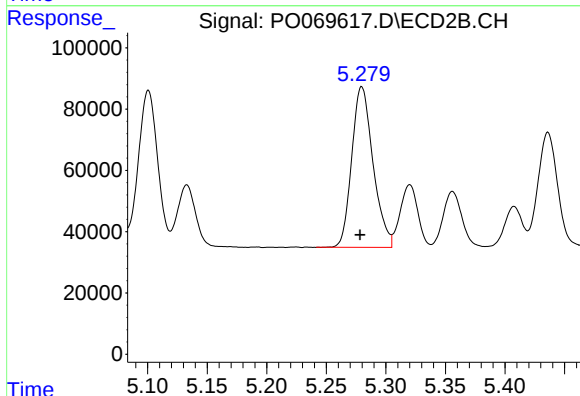
R.T.: 5.101 min
Delta R.T.: 0.002 min
Response: 576364
Conc: 1314.60 ng/ml



#15 AR-1232-5

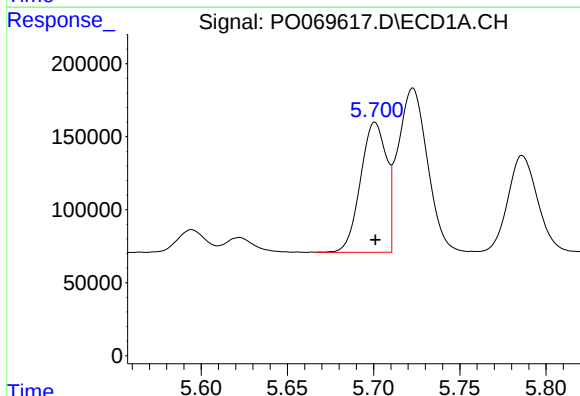
R.T.: 5.991 min
Delta R.T.: -0.001 min
Response: 519320
Conc: 1636.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



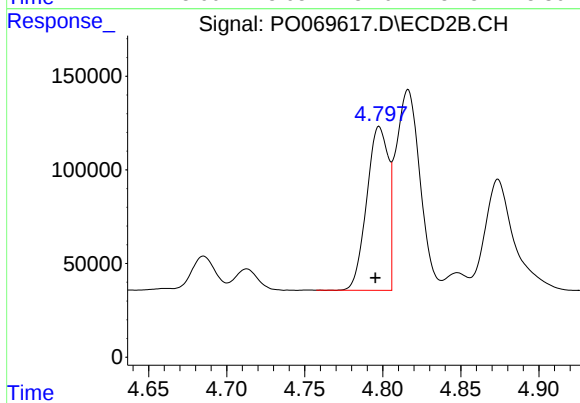
#15 AR-1232-5

R.T.: 5.280 min
Delta R.T.: 0.001 min
Response: 652572
Conc: 1247.42 ng/ml



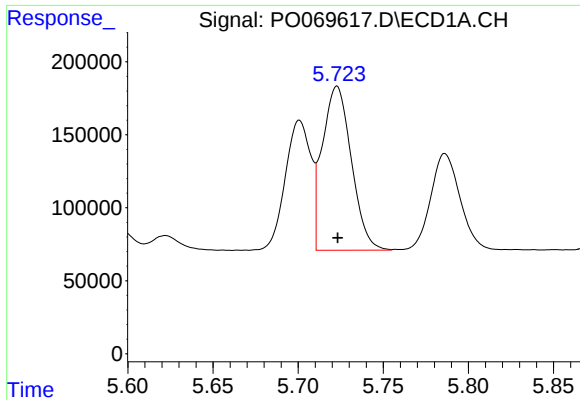
#16 AR-1242-1

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 928933
Conc: 712.71 ng/ml



#16 AR-1242-1

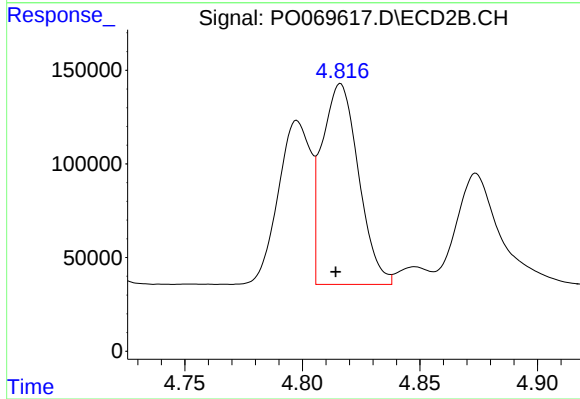
R.T.: 4.798 min
Delta R.T.: 0.003 min
Response: 837203
Conc: 667.69 ng/ml



#17 AR-1242-2

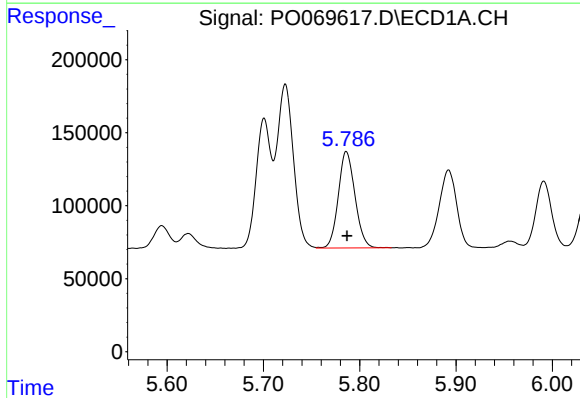
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 1333877
Conc: 708.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



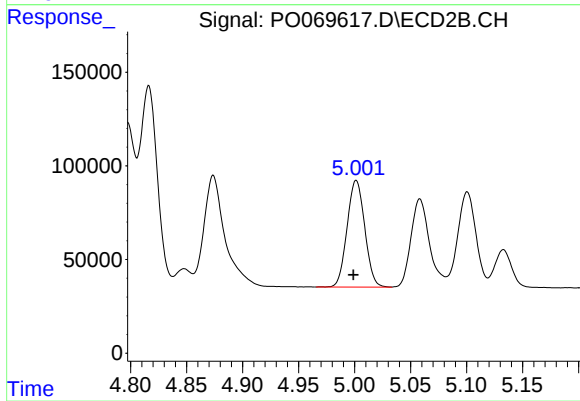
#17 AR-1242-2

R.T.: 4.816 min
Delta R.T.: 0.002 min
Response: 1160566
Conc: 664.27 ng/ml



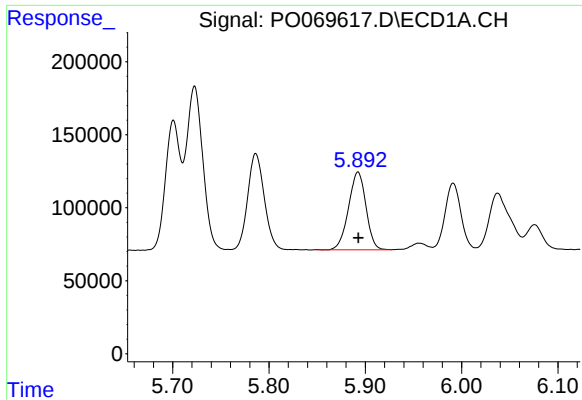
#18 AR-1242-3

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 793035
Conc: 698.33 ng/ml



#18 AR-1242-3

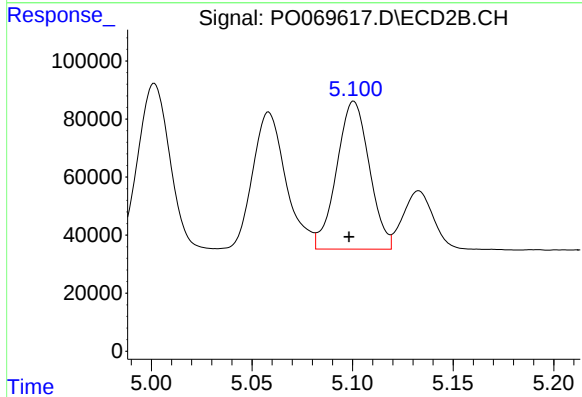
R.T.: 5.001 min
Delta R.T.: 0.002 min
Response: 624355
Conc: 648.56 ng/ml



#19 AR-1242-4

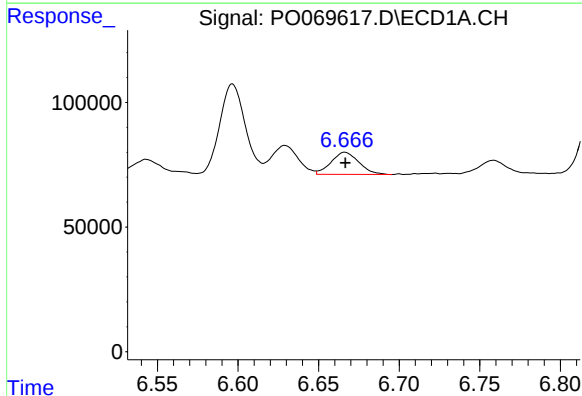
R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 667826
Conc: 695.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



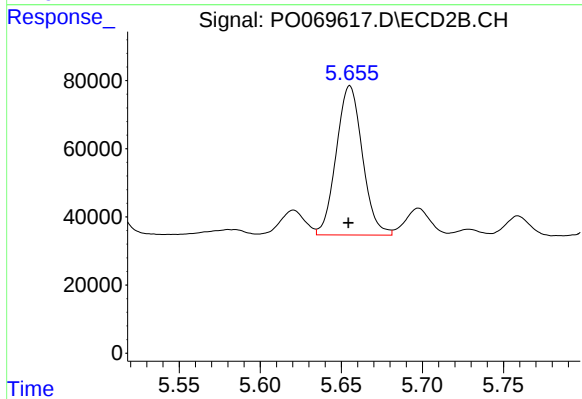
#19 AR-1242-4

R.T.: 5.101 min
Delta R.T.: 0.002 min
Response: 576364
Conc: 637.10 ng/ml



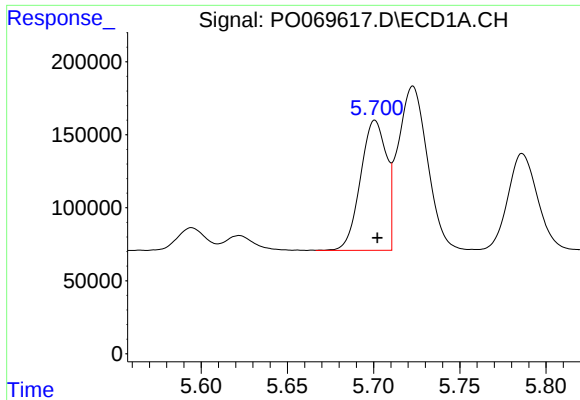
#20 AR-1242-5

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 107348
Conc: 90.43 ng/ml



#20 AR-1242-5

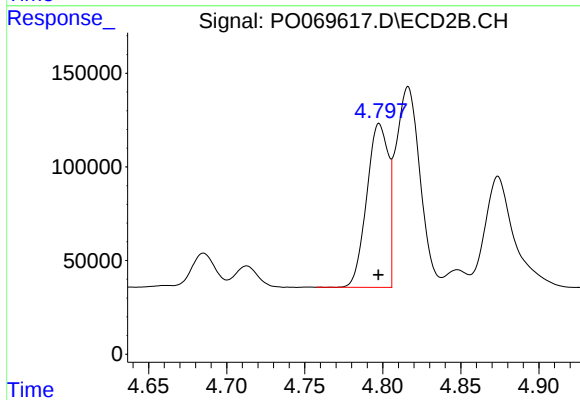
R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 491719
Conc: 387.96 ng/ml



#21 AR-1248-1

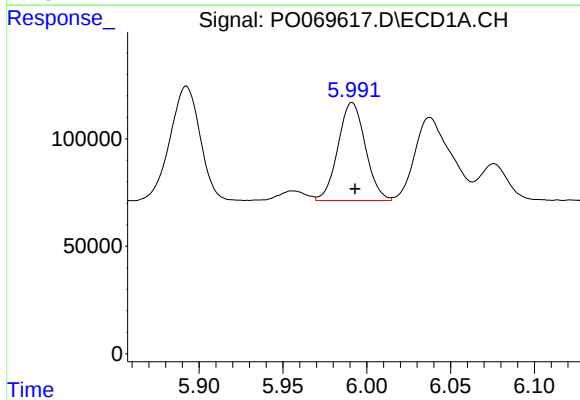
R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 928933
Conc: 951.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



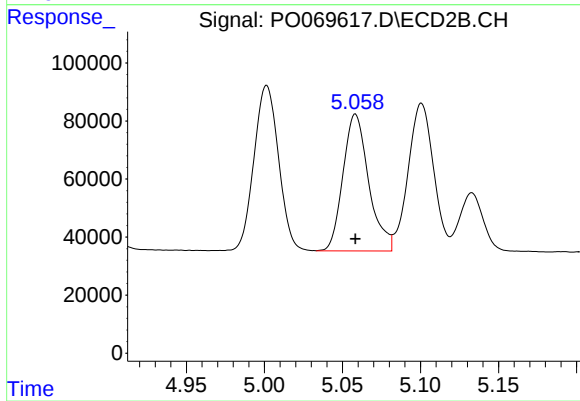
#21 AR-1248-1

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 837203
Conc: 855.47 ng/ml



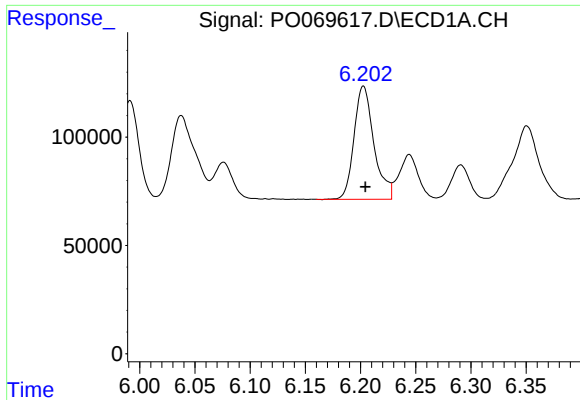
#22 AR-1248-2

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 519320
Conc: 407.88 ng/ml



#22 AR-1248-2

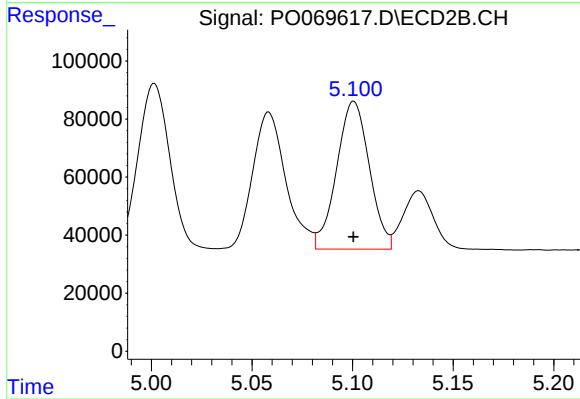
R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 541596
Conc: 397.83 ng/ml



#23 AR-1248-3

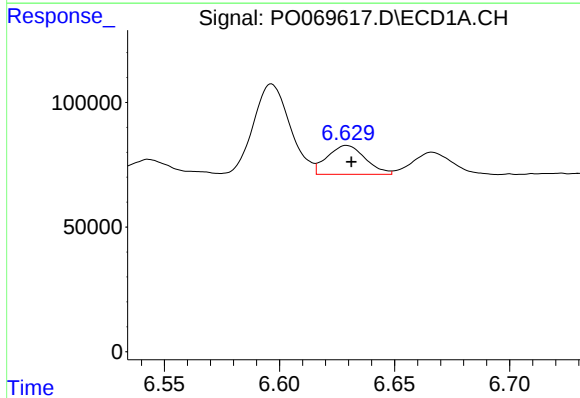
R.T.: 6.203 min
Delta R.T.: -0.002 min
Response: 656528
Conc: 415.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



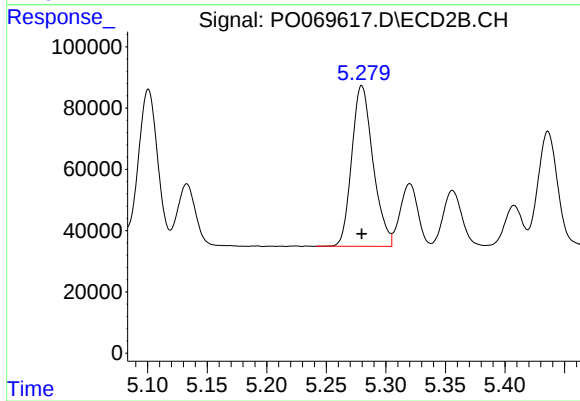
#23 AR-1248-3

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 576364
Conc: 456.37 ng/ml



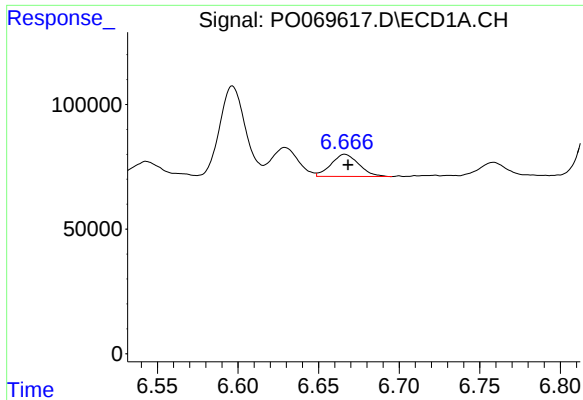
#24 AR-1248-4

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 133437
Conc: 65.76 ng/ml



#24 AR-1248-4

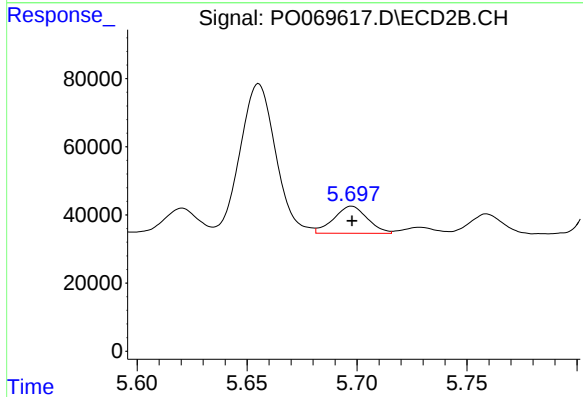
R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 652572
Conc: 401.74 ng/ml



#25 AR-1248-5

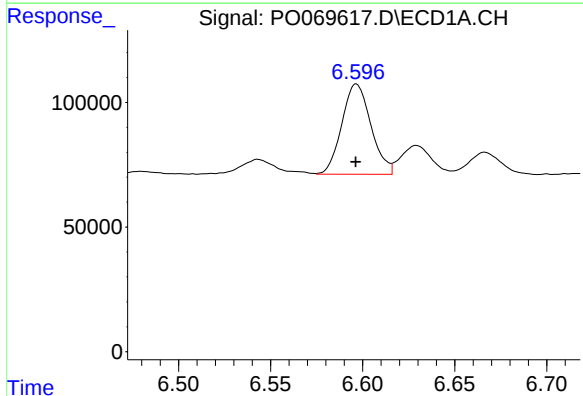
R.T.: 6.666 min
Delta R.T.: -0.002 min
Response: 107348
Conc: 55.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



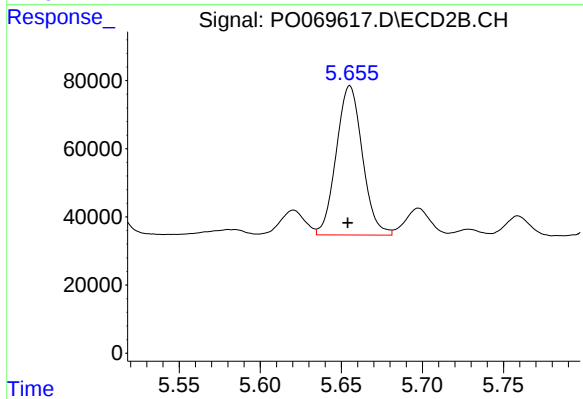
#25 AR-1248-5

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 84951
Conc: 51.48 ng/ml



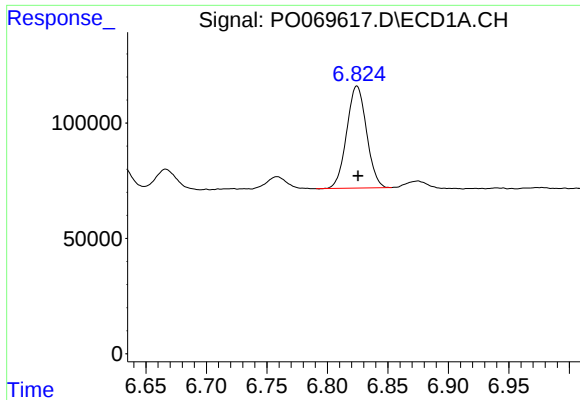
#26 AR-1254-1

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 398437
Conc: 200.16 ng/ml



#26 AR-1254-1

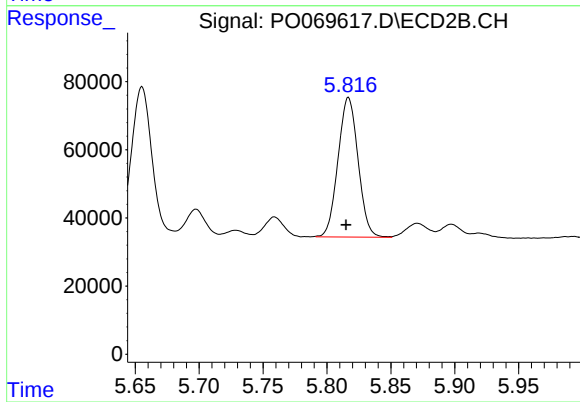
R.T.: 5.655 min
Delta R.T.: 0.001 min
Response: 491719
Conc: 188.90 ng/ml



#27 AR-1254-2

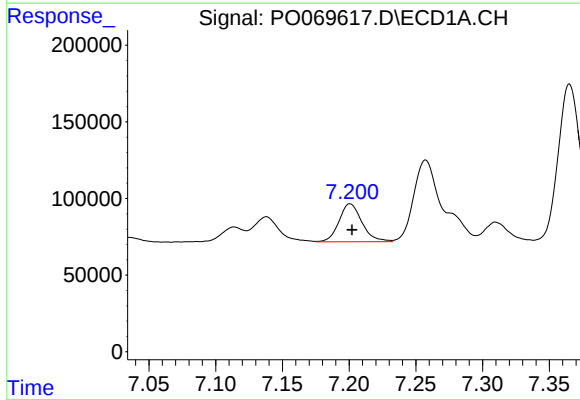
R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 505038
Conc: 157.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



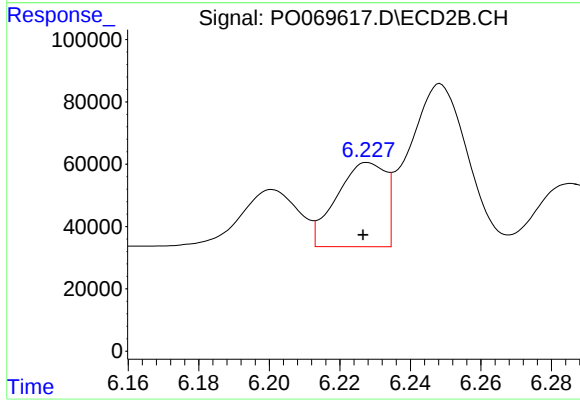
#27 AR-1254-2

R.T.: 5.817 min
Delta R.T.: 0.002 min
Response: 447798
Conc: 193.97 ng/ml



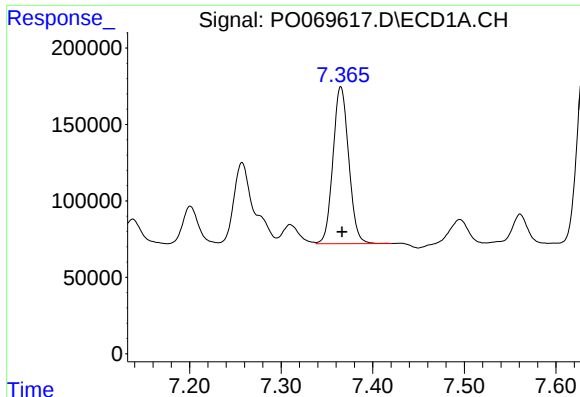
#28 AR-1254-3

R.T.: 7.201 min
Delta R.T.: -0.001 min
Response: 297430
Conc: 84.69 ng/ml



#28 AR-1254-3

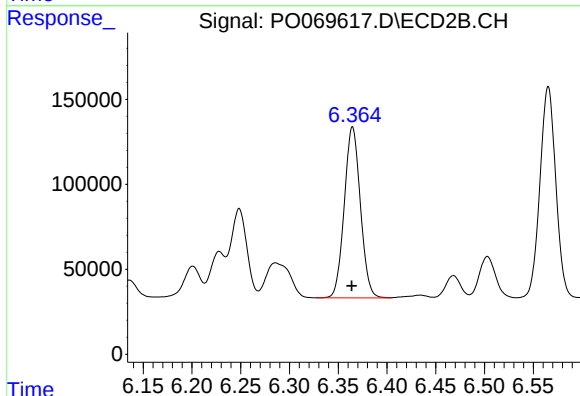
R.T.: 6.228 min
Delta R.T.: 0.001 min
Response: 260311
Conc: 69.31 ng/ml



#31 AR-1260-1

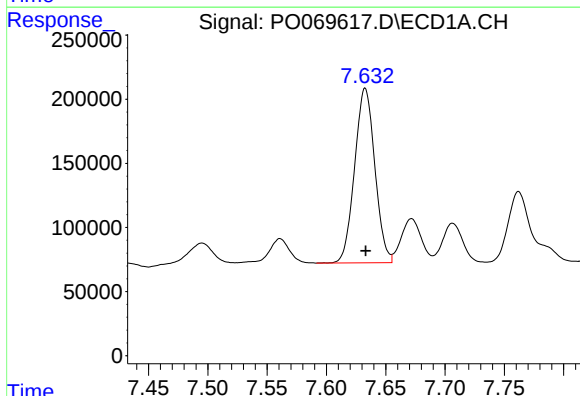
R.T.: 7.365 min
Delta R.T.: -0.001 min
Response: 1228057
Conc: 467.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



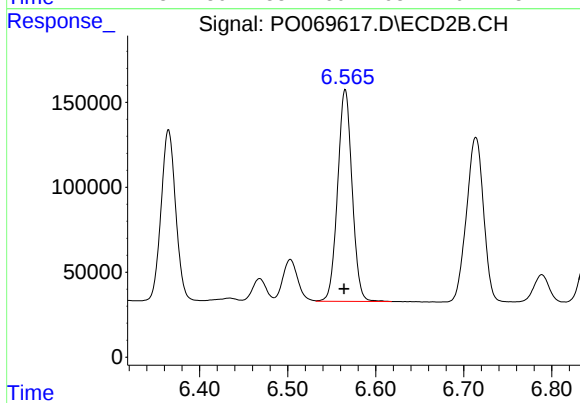
#31 AR-1260-1

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 1159451
Conc: 439.59 ng/ml



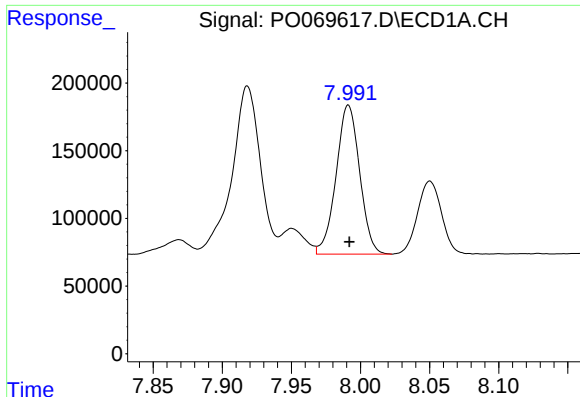
#32 AR-1260-2

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 1615696
Conc: 455.46 ng/ml



#32 AR-1260-2

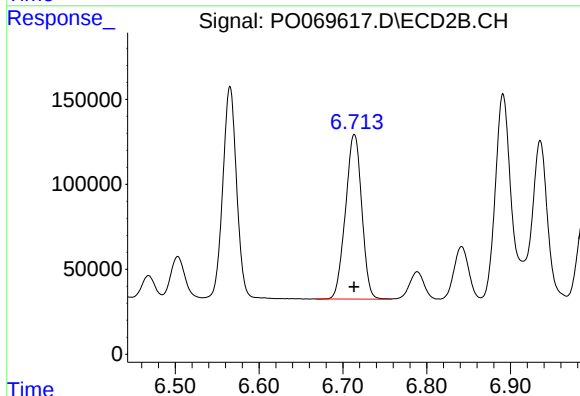
R.T.: 6.565 min
Delta R.T.: 0.001 min
Response: 1424726
Conc: 435.28 ng/ml



#33 AR-1260-3

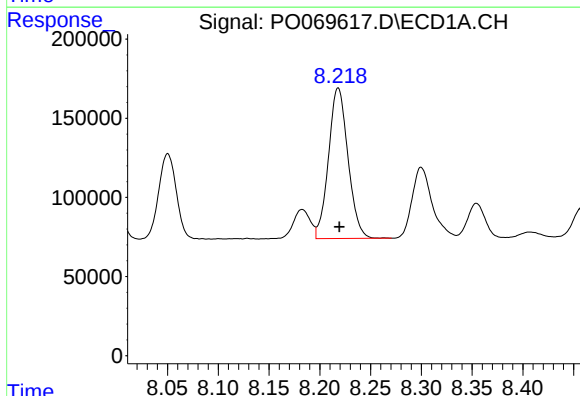
R.T.: 7.991 min
Delta R.T.: 0.000 min
Response: 1307594
Conc: 452.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



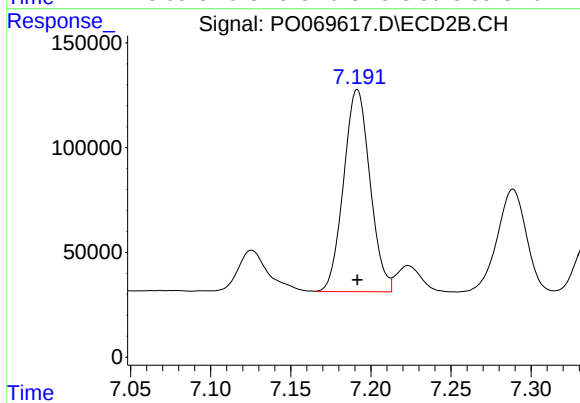
#33 AR-1260-3

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1307014
Conc: 429.28 ng/ml



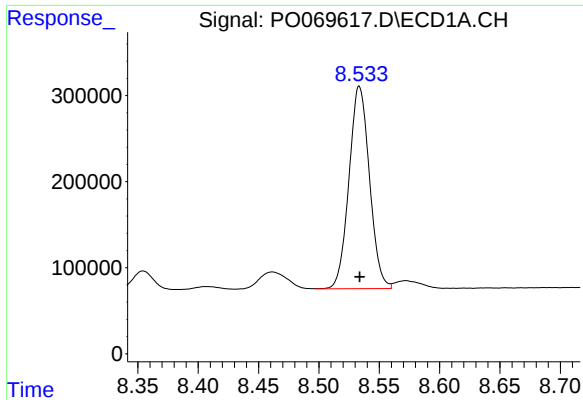
#34 AR-1260-4

R.T.: 8.218 min
Delta R.T.: -0.001 min
Response: 1270538
Conc: 428.95 ng/ml



#34 AR-1260-4

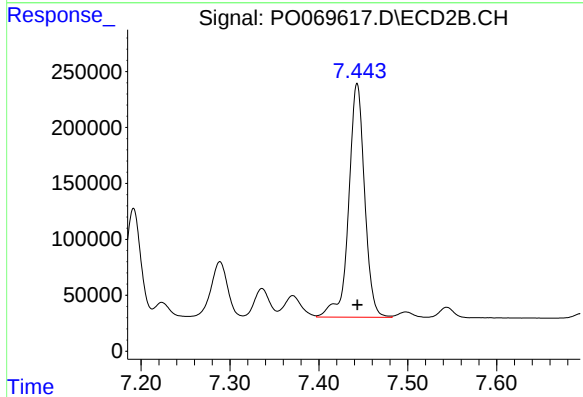
R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 1107621
Conc: 409.20 ng/ml



#35 AR-1260-5

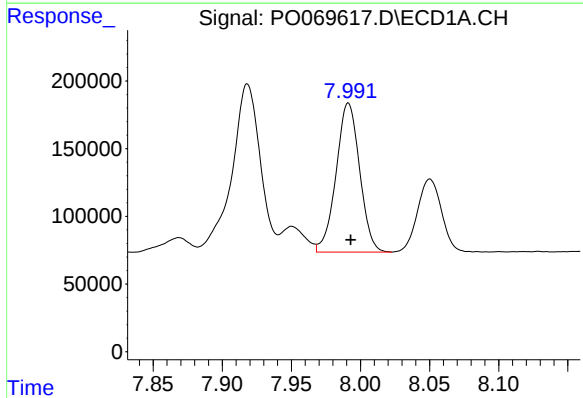
R.T.: 8.534 min
Delta R.T.: 0.000 min
Response: 2782147
Conc: 411.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



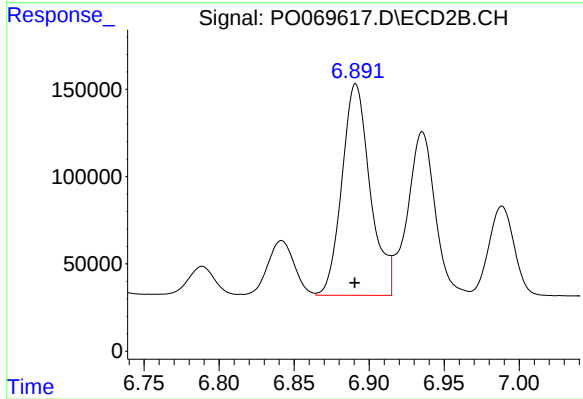
#35 AR-1260-5

R.T.: 7.443 min
Delta R.T.: 0.000 min
Response: 2602873
Conc: 406.15 ng/ml



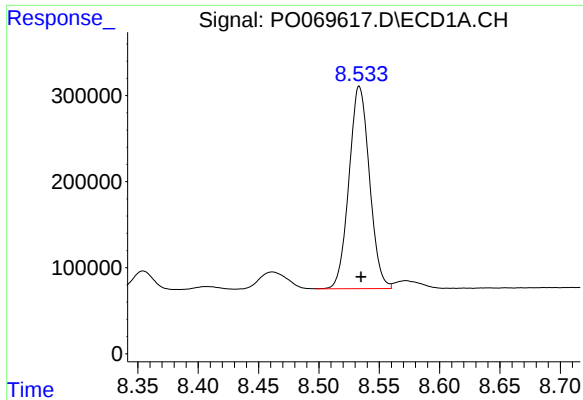
#36 AR-1262-1

R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 1307594
Conc: 328.59 ng/ml



#36 AR-1262-1

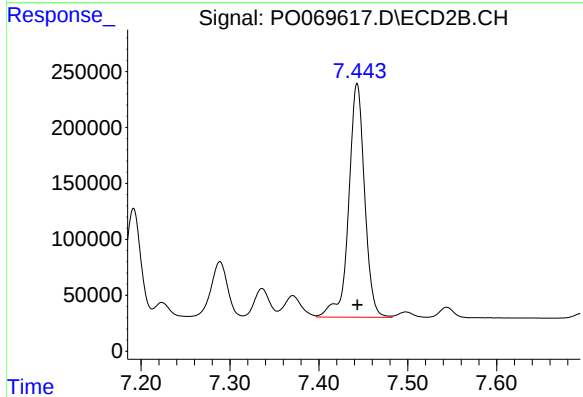
R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 1586855
Conc: 821.78 ng/ml



#37 AR-1262-2

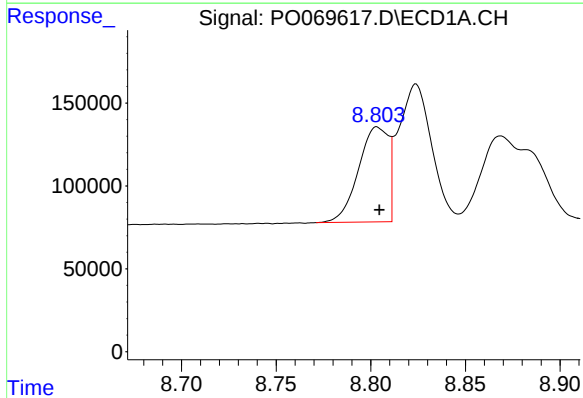
R.T.: 8.534 min
Delta R.T.: -0.001 min
Response: 2782147
Conc: 385.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



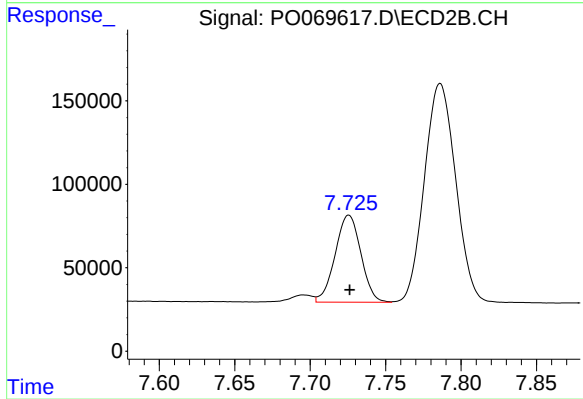
#37 AR-1262-2

R.T.: 7.443 min
Delta R.T.: 0.000 min
Response: 2602873
Conc: 398.65 ng/ml



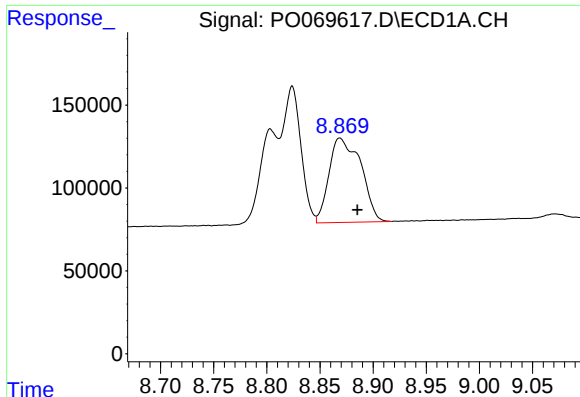
#38 AR-1262-3

R.T.: 8.803 min
Delta R.T.: -0.001 min
Response: 632075
Conc: 132.01 ng/ml



#38 AR-1262-3

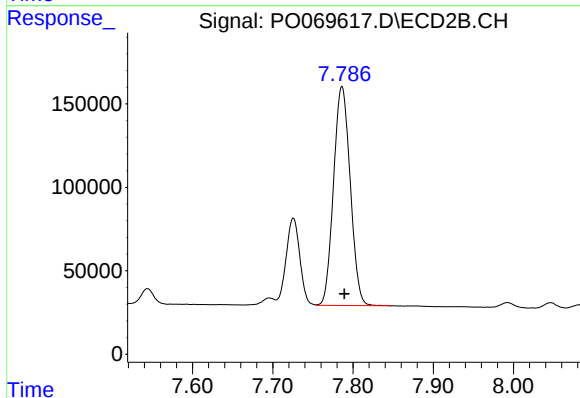
R.T.: 7.726 min
Delta R.T.: 0.000 min
Response: 620699
Conc: 230.31 ng/ml



#39 AR-1262-4

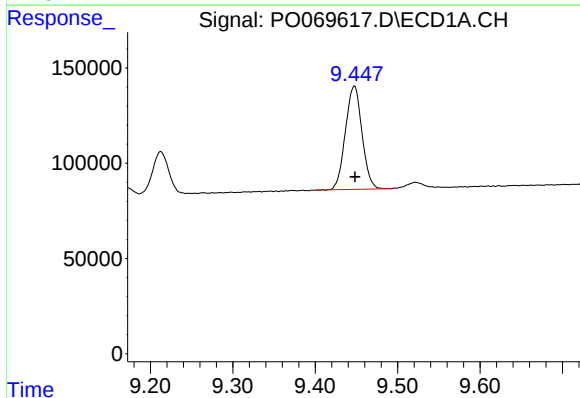
R.T.: 8.869 min
Delta R.T.: -0.017 min
Response: 1060772
Conc: 547.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



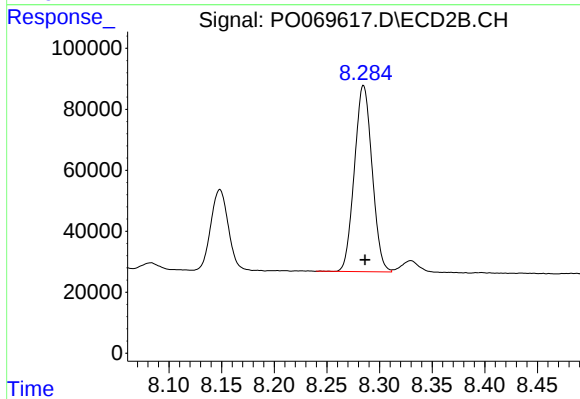
#39 AR-1262-4

R.T.: 7.786 min
Delta R.T.: -0.003 min
Response: 1898170
Conc: 381.22 ng/ml



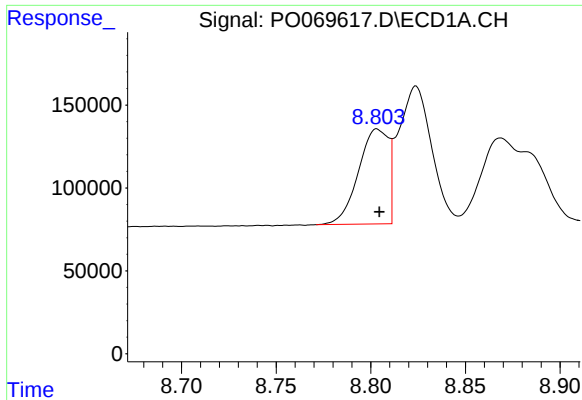
#40 AR-1262-5

R.T.: 9.447 min
Delta R.T.: 0.000 min
Response: 759862
Conc: 291.34 ng/ml



#40 AR-1262-5

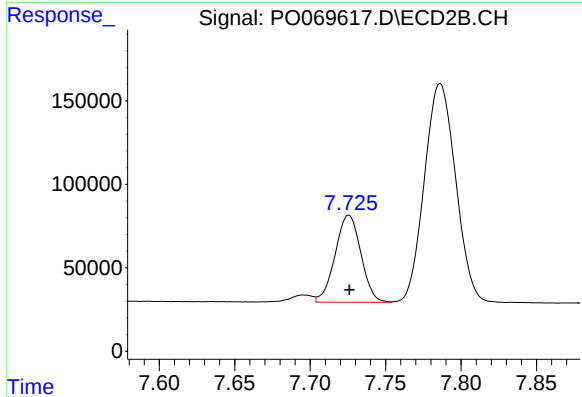
R.T.: 8.285 min
Delta R.T.: -0.001 min
Response: 713358
Conc: 287.08 ng/ml



#41 AR-1268-1

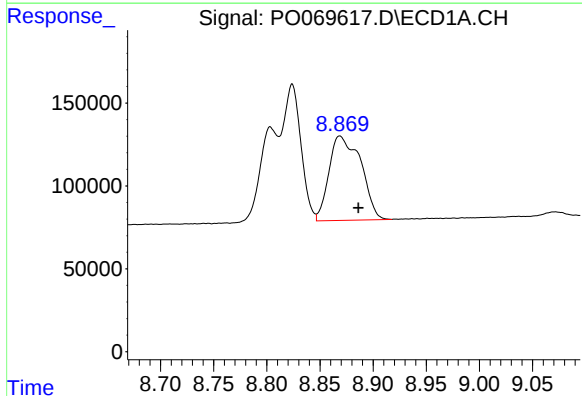
R.T.: 8.803 min
Delta R.T.: -0.001 min
Response: 632075
Conc: 68.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



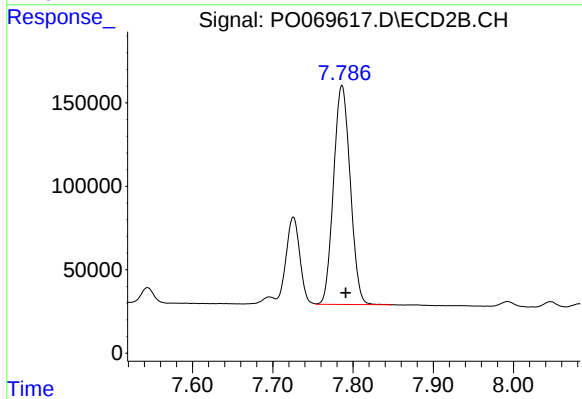
#41 AR-1268-1

R.T.: 7.726 min
Delta R.T.: 0.000 min
Response: 620699
Conc: 79.29 ng/ml



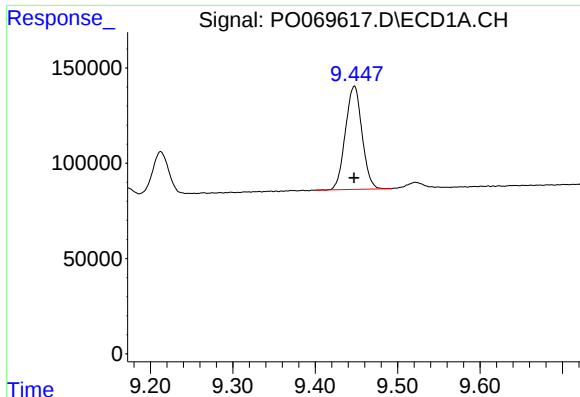
#42 AR-1268-2

R.T.: 8.869 min
Delta R.T.: -0.018 min
Response: 1060772
Conc: 127.98 ng/ml



#42 AR-1268-2

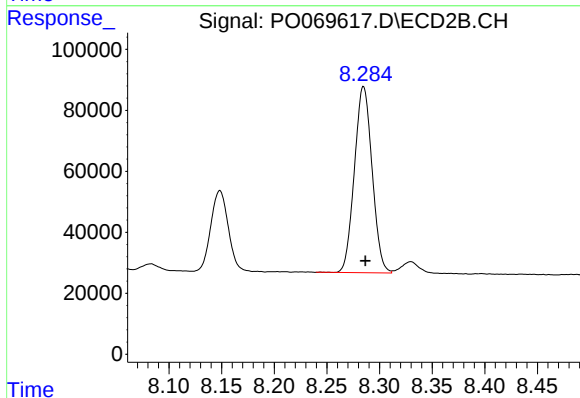
R.T.: 7.786 min
Delta R.T.: -0.005 min
Response: 1898170
Conc: 265.74 ng/ml



#44 AR-1268-4

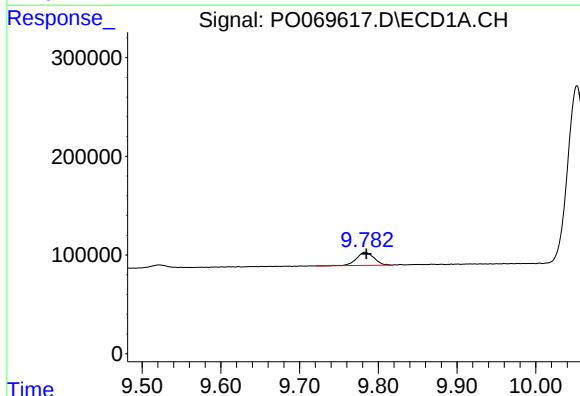
R.T.: 9.447 min
Delta R.T.: 0.000 min
Response: 759862
Conc: 250.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



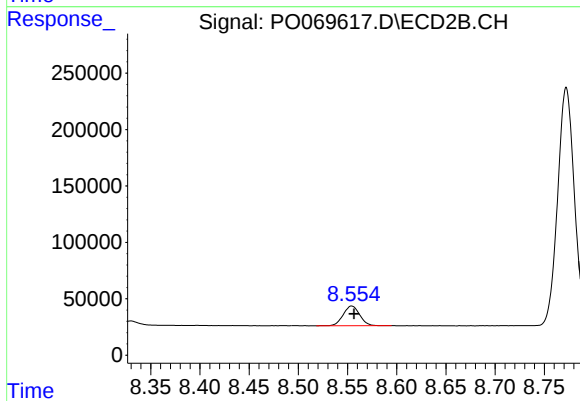
#44 AR-1268-4

R.T.: 8.285 min
Delta R.T.: -0.002 min
Response: 713358
Conc: 246.66 ng/ml



#45 AR-1268-5

R.T.: 9.783 min
Delta R.T.: -0.002 min
Response: 203521
Conc: 9.16 ng/ml



#45 AR-1268-5

R.T.: 8.554 min
Delta R.T.: -0.002 min
Response: 204149
Conc: 10.59 ng/ml