

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061121\
 Data File : P0078647.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Jun 2021 9:43
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 14:08:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 08 05:39:51 2021
 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...	4.345	3.610	3202060	1289132	41.923	40.805
2)	SA Decachlor...	9.954	8.797	2040341	1154557	50.320	48.016
Target Compounds							
3)	L1 AR-1016-1	5.639	4.837	1002798	440745	428.264	421.322
4)	L1 AR-1016-2	5.662	4.856	1466422	640330	406.745	405.606
5)	L1 AR-1016-3	5.726	5.044	908365	332818	415.356	415.620
6)	L1 AR-1016-4	5.831	5.097	706626	290836	402.755	411.832
7)	L1 AR-1016-5	6.141	5.320	719251	353647	414.595	405.459
8)	L2 AR-1221-1	4.592	3.860	99190	43675	118.588	114.698
9)	L2 AR-1221-2	4.690	3.957	141518	62186	233.651	221.123
10)	L2 AR-1221-3	4.775	4.044	556908	240232	281.002	266.696
11)	L3 AR-1232-1	4.775	4.044	556908	240232	363.762	330.433
12)	L3 AR-1232-2	5.349	4.856	775212	640330	997.215	929.370
13)	L3 AR-1232-3	5.662	5.044	1466422	332818	1005.660	971.860
14)	L3 AR-1232-4	5.831	5.139	706626	343960	1007.130	1118.539
15)	L3 AR-1232-5	5.931	5.320	585220	353647	1161.753	1014.492
16)	L4 AR-1242-1	5.639	4.837	1002798	440745	555.169	524.024
17)	L4 AR-1242-2	5.662	4.856	1466422	640330	546.646	520.490
18)	L4 AR-1242-3	5.726	5.044	908365	332818	551.803	524.816
19)	L4 AR-1242-4	5.831	5.139	706626	343960	524.654	525.694
20)	L4 AR-1242-5	6.602	5.693	100067	267664	74.768	325.534 #
21)	L5 AR-1248-1	5.639	4.837	1002798	440745	737.567	681.976
22)	L5 AR-1248-2	5.931	5.097	585220	290836	301.395	298.272
23)	L5 AR-1248-3	6.141	5.139	719251	343960	318.252	354.522
24)	L5 AR-1248-4	6.564	5.320	125241	353647	52.864	305.303 #
25)	L5 AR-1248-5	6.602	5.736	100067	41913	43.000	38.228
26)	L6 AR-1254-1	6.533	5.693	472299	267664	186.631	155.083
27)	L6 AR-1254-2	6.760	5.852	525257	246264	132.269	153.580
28)	L6 AR-1254-3	7.135	6.283	300756	482290	72.408	201.576 #
29)	L6 AR-1254-4	7.427	6.503	202310	72505	68.806	49.545 #
30)	L6 AR-1254-5	7.851	6.925	1631088	862396	508.690	378.266 #
31)	L7 AR-1260-1	7.300	6.399	1179268	654737	402.202	412.653
32)	L7 AR-1260-2	7.566	6.597	1402171	793637	426.242	426.110
33)	L7 AR-1260-3	7.925	6.747	1060503	721814	447.846	406.801
34)	L7 AR-1260-4	8.151	7.224	1204034	617392	468.137	421.323
35)	L7 AR-1260-5	8.463	7.473	2243645	1422563	441.205	407.697
36)	L8 AR-1262-1	7.925	6.925	1060503	862396	271.106	721.900 #
37)	L8 AR-1262-2	8.463	7.473	2243645	1422563	350.694	362.730
38)	L8 AR-1262-3	8.753f	7.754	1444900	348397	345.959	211.648 #
39)	L8 AR-1262-4	8.798	7.816	909046	1083118	293.341	360.073
40)	L8 AR-1262-5	9.361	8.313	631976	401271	333.530	295.675
41)	L9 AR-1268-1	8.753f	7.754	1444900	348397	201.443	76.706 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

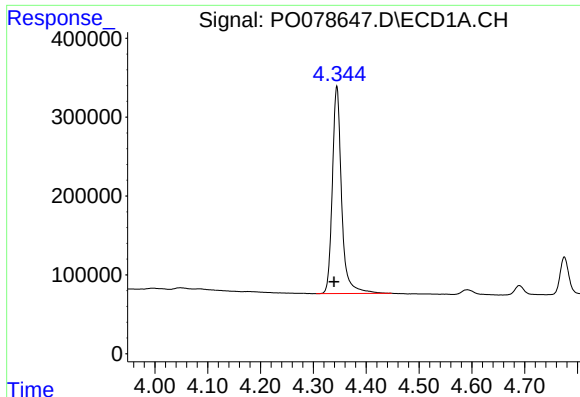
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 14:08:19 2021
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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	8.798	7.816	909046	1083118	142.691	264.502 #
43) L9	AR-1268-3	8.997	8.020	29100	16453	5.603	4.716
44) L9	AR-1268-4	9.361	8.313	631976	401271	319.236	273.375
45) L9	AR-1268-5	9.690	8.581	174969	111831	11.372	10.796

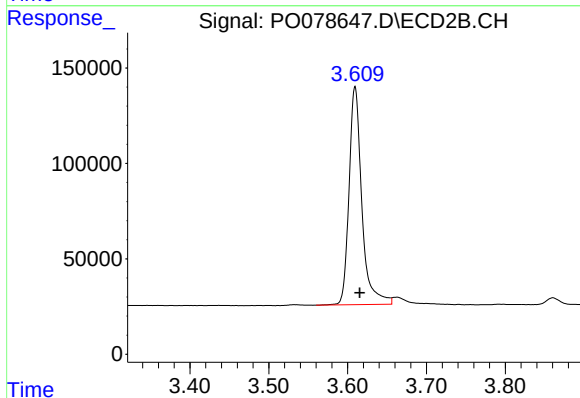
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

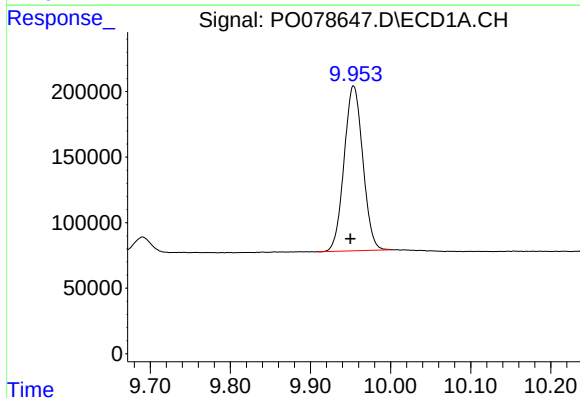
R.T.: 4.345 min
Delta R.T.: 0.006 min
Response: 3202060
Conc: 41.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



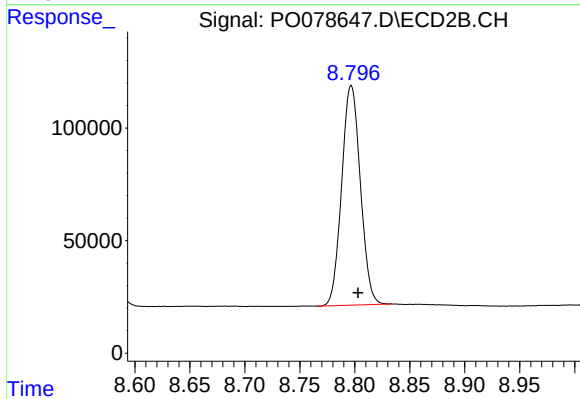
#1 Tetrachloro-m-xylene

R.T.: 3.610 min
Delta R.T.: -0.006 min
Response: 1289132
Conc: 40.80 ng/ml



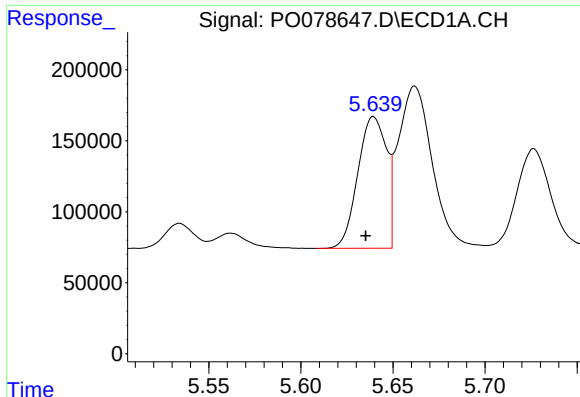
#2 Decachlorobiphenyl

R.T.: 9.954 min
Delta R.T.: 0.004 min
Response: 2040341
Conc: 50.32 ng/ml



#2 Decachlorobiphenyl

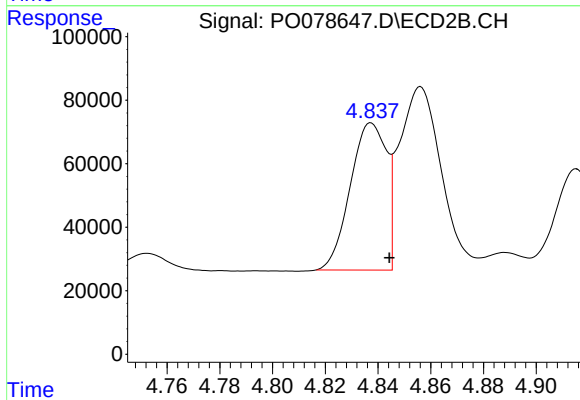
R.T.: 8.797 min
Delta R.T.: -0.006 min
Response: 1154557
Conc: 48.02 ng/ml



#3 AR-1016-1

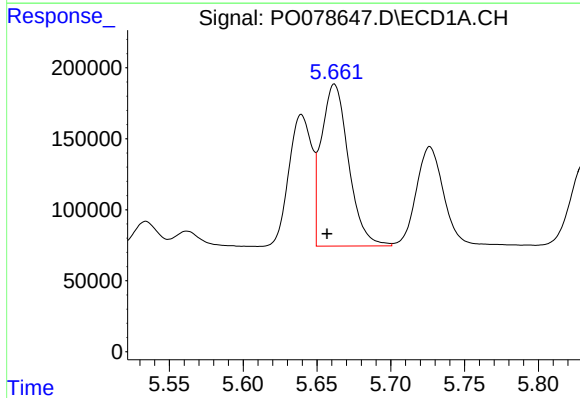
R.T.: 5.639 min
Delta R.T.: 0.004 min
Response: 1002798
Conc: 428.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



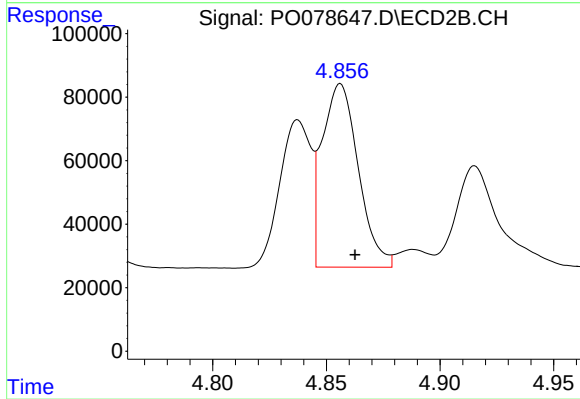
#3 AR-1016-1

R.T.: 4.837 min
Delta R.T.: -0.007 min
Response: 440745
Conc: 421.32 ng/ml



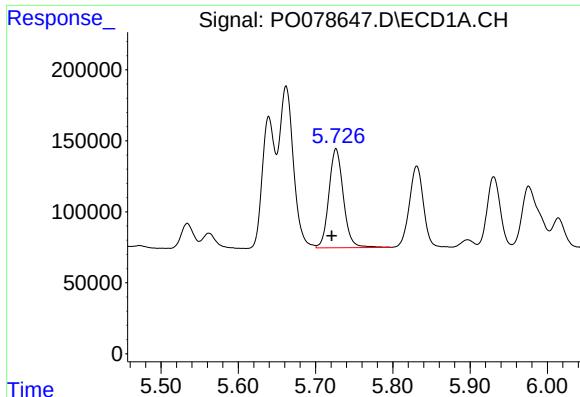
#4 AR-1016-2

R.T.: 5.662 min
Delta R.T.: 0.005 min
Response: 1466422
Conc: 406.74 ng/ml



#4 AR-1016-2

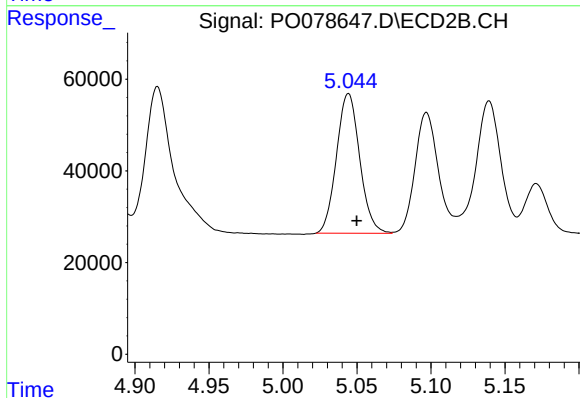
R.T.: 4.856 min
Delta R.T.: -0.006 min
Response: 640330
Conc: 405.61 ng/ml



#5 AR-1016-3

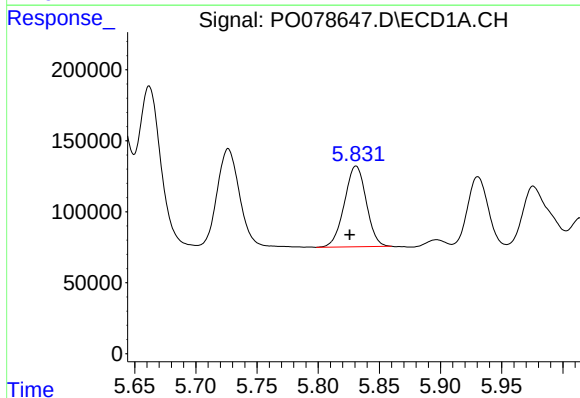
R.T.: 5.726 min
Delta R.T.: 0.006 min
Response: 908365
Conc: 415.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



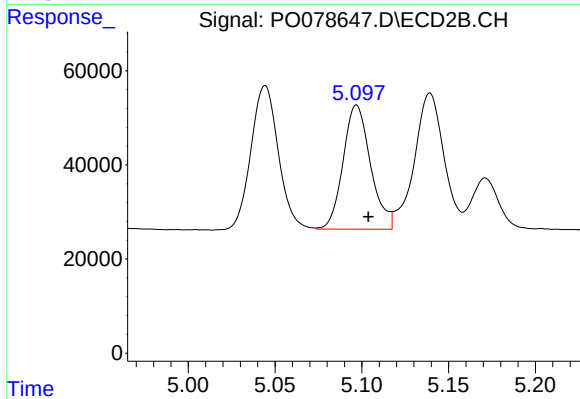
#5 AR-1016-3

R.T.: 5.044 min
Delta R.T.: -0.006 min
Response: 332818
Conc: 415.62 ng/ml



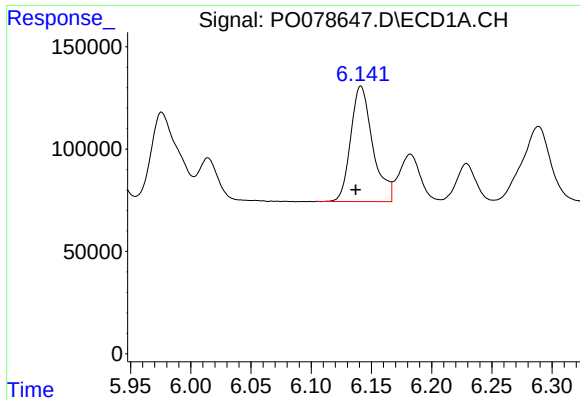
#6 AR-1016-4

R.T.: 5.831 min
Delta R.T.: 0.005 min
Response: 706626
Conc: 402.75 ng/ml



#6 AR-1016-4

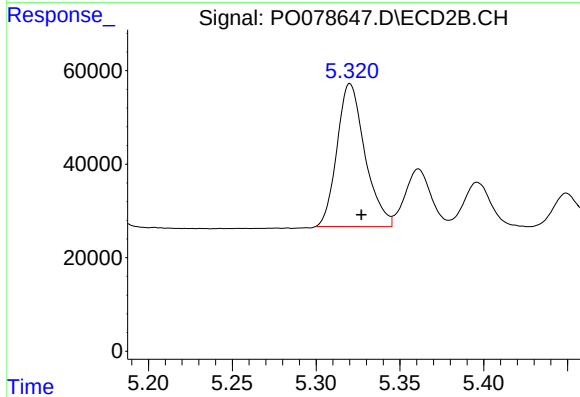
R.T.: 5.097 min
Delta R.T.: -0.007 min
Response: 290836
Conc: 411.83 ng/ml



#7 AR-1016-5

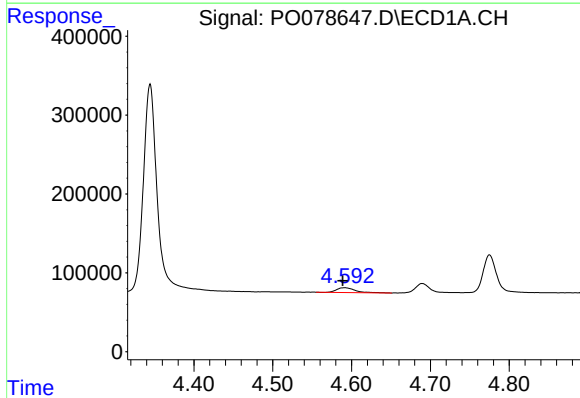
R.T.: 6.141 min
Delta R.T.: 0.004 min
Response: 719251
Conc: 414.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



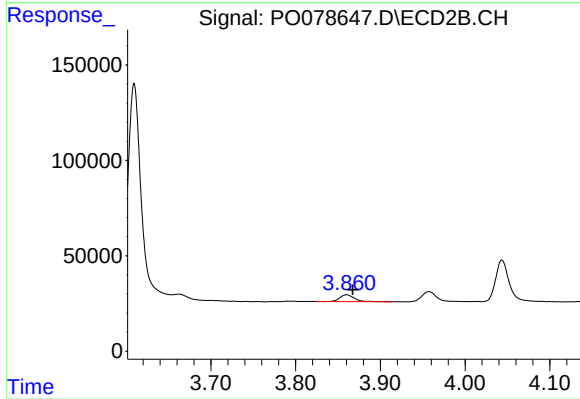
#7 AR-1016-5

R.T.: 5.320 min
Delta R.T.: -0.007 min
Response: 353647
Conc: 405.46 ng/ml



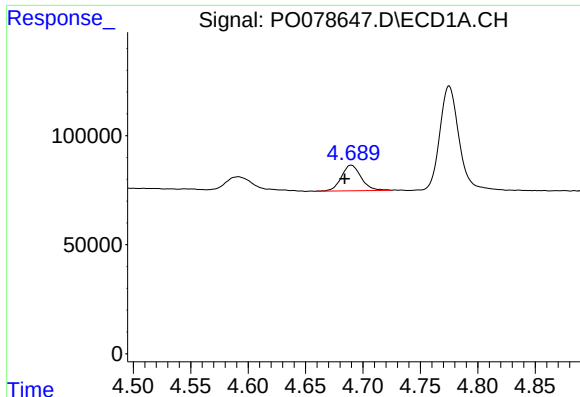
#8 AR-1221-1

R.T.: 4.592 min
Delta R.T.: 0.003 min
Response: 99190
Conc: 118.59 ng/ml



#8 AR-1221-1

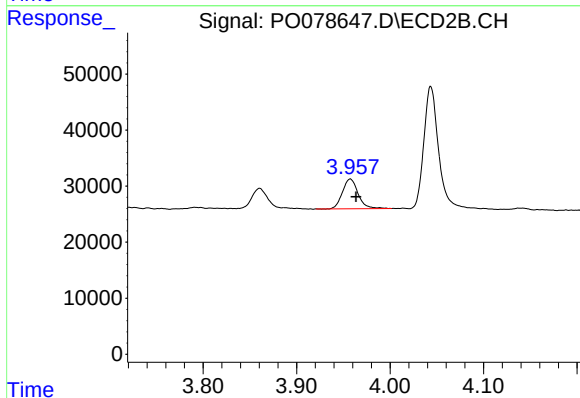
R.T.: 3.860 min
Delta R.T.: -0.007 min
Response: 43675
Conc: 114.70 ng/ml



#9 AR-1221-2

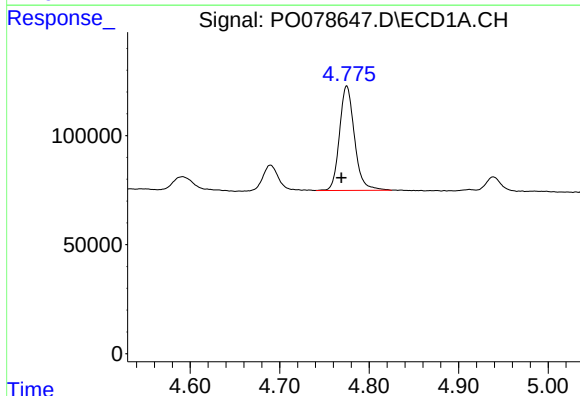
R.T.: 4.690 min
Delta R.T.: 0.006 min
Response: 141518
Conc: 233.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



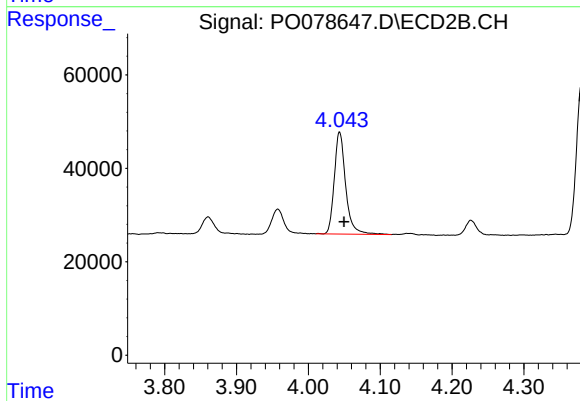
#9 AR-1221-2

R.T.: 3.957 min
Delta R.T.: -0.006 min
Response: 62186
Conc: 221.12 ng/ml



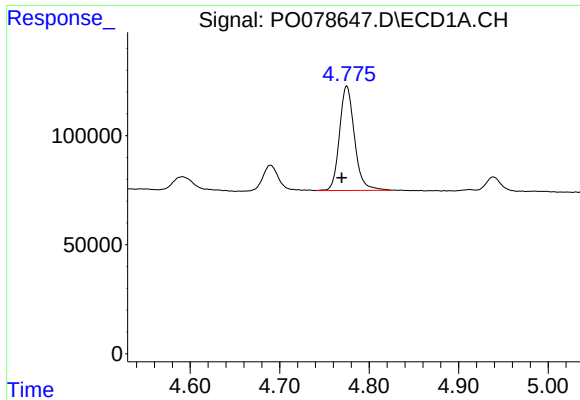
#10 AR-1221-3

R.T.: 4.775 min
Delta R.T.: 0.006 min
Response: 556908
Conc: 281.00 ng/ml



#10 AR-1221-3

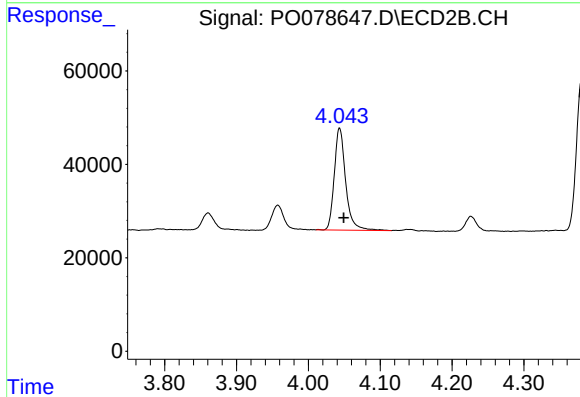
R.T.: 4.044 min
Delta R.T.: -0.006 min
Response: 240232
Conc: 266.70 ng/ml



#11 AR-1232-1

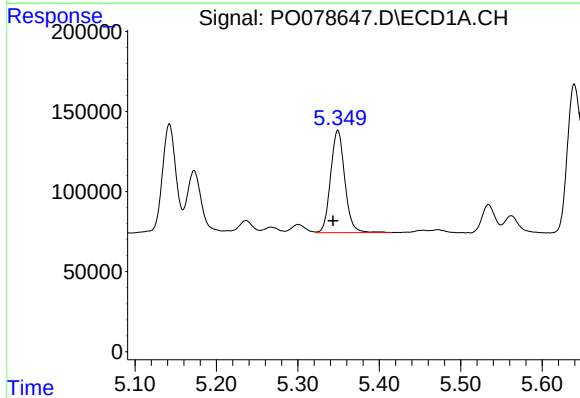
R.T.: 4.775 min
Delta R.T.: 0.006 min
Response: 556908
Conc: 363.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



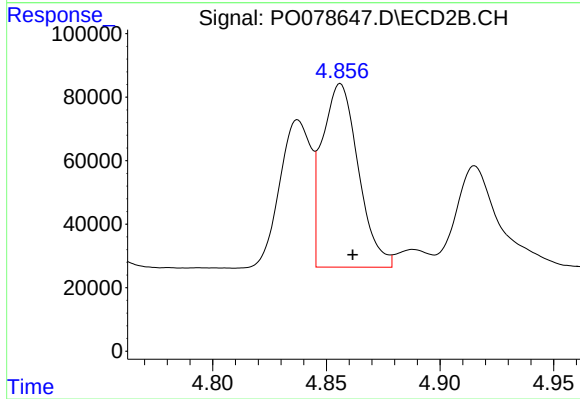
#11 AR-1232-1

R.T.: 4.044 min
Delta R.T.: -0.006 min
Response: 240232
Conc: 330.43 ng/ml



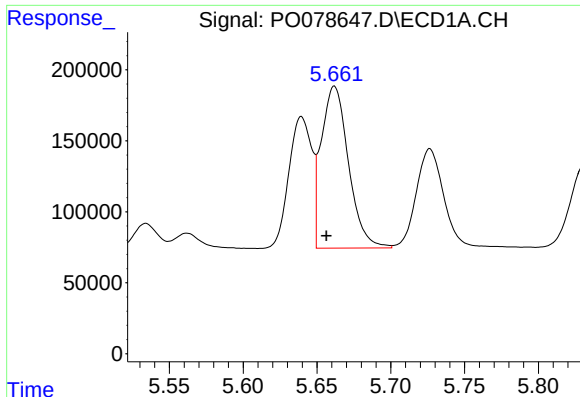
#12 AR-1232-2

R.T.: 5.349 min
Delta R.T.: 0.006 min
Response: 775212
Conc: 997.21 ng/ml



#12 AR-1232-2

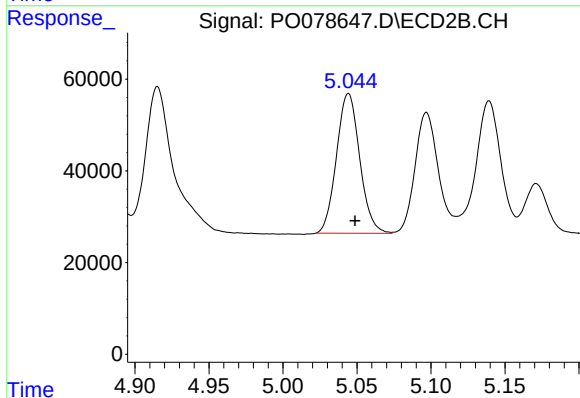
R.T.: 4.856 min
Delta R.T.: -0.005 min
Response: 640330
Conc: 929.37 ng/ml



#13 AR-1232-3

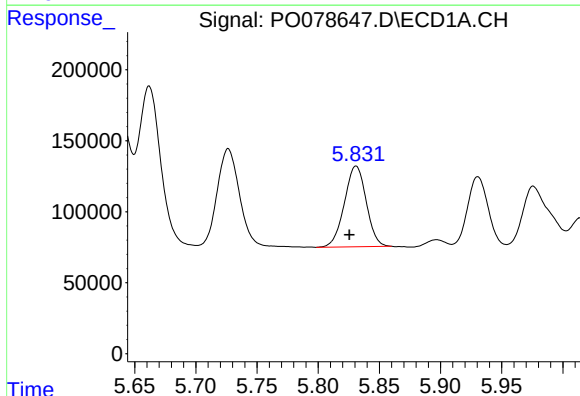
R.T.: 5.662 min
Delta R.T.: 0.005 min
Response: 1466422
Conc: 1005.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



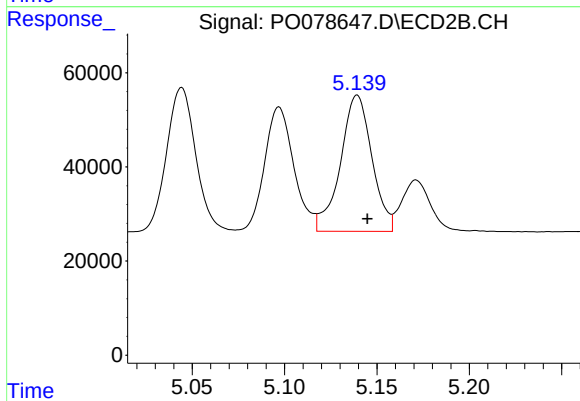
#13 AR-1232-3

R.T.: 5.044 min
Delta R.T.: -0.005 min
Response: 332818
Conc: 971.86 ng/ml



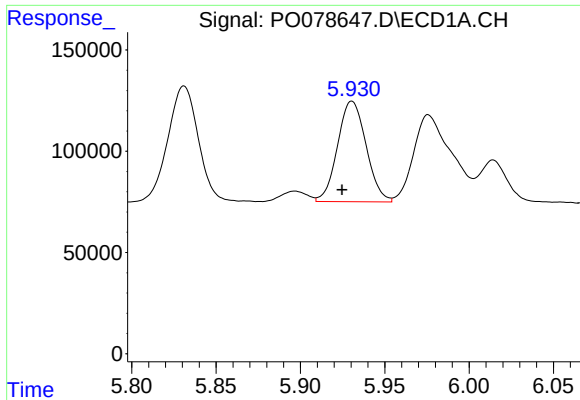
#14 AR-1232-4

R.T.: 5.831 min
Delta R.T.: 0.006 min
Response: 706626
Conc: 1007.13 ng/ml



#14 AR-1232-4

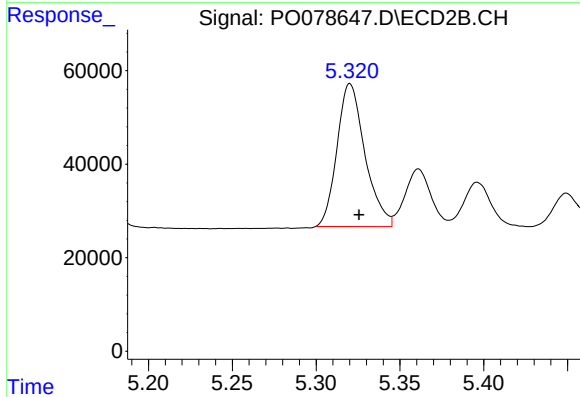
R.T.: 5.139 min
Delta R.T.: -0.006 min
Response: 343960
Conc: 1118.54 ng/ml



#15 AR-1232-5

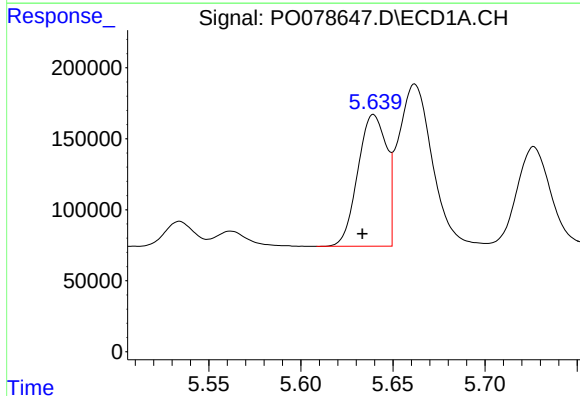
R.T.: 5.931 min
Delta R.T.: 0.006 min
Response: 585220
Conc: 1161.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



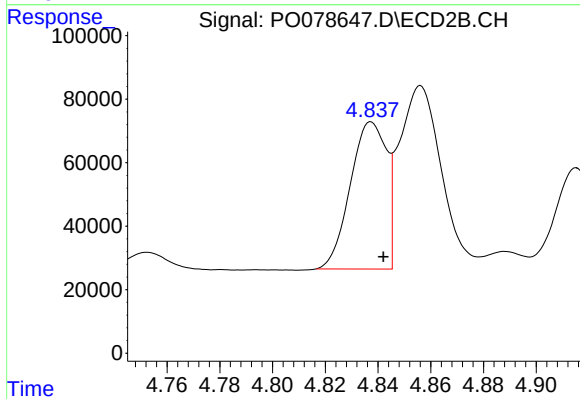
#15 AR-1232-5

R.T.: 5.320 min
Delta R.T.: -0.005 min
Response: 353647
Conc: 1014.49 ng/ml



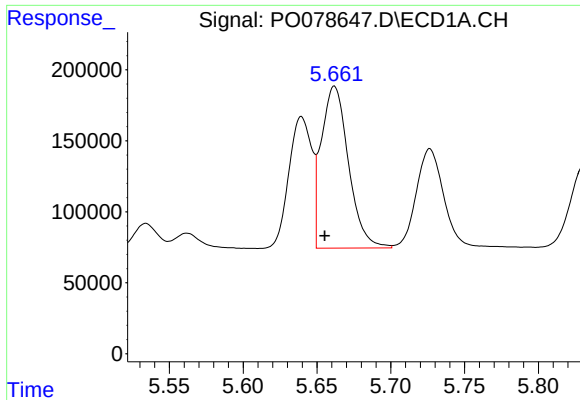
#16 AR-1242-1

R.T.: 5.639 min
Delta R.T.: 0.006 min
Response: 1002798
Conc: 555.17 ng/ml



#16 AR-1242-1

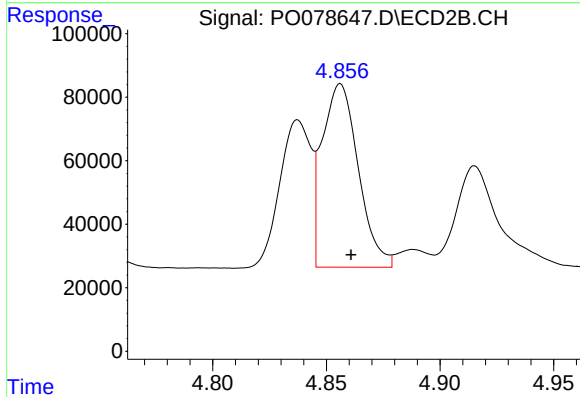
R.T.: 4.837 min
Delta R.T.: -0.005 min
Response: 440745
Conc: 524.02 ng/ml



#17 AR-1242-2

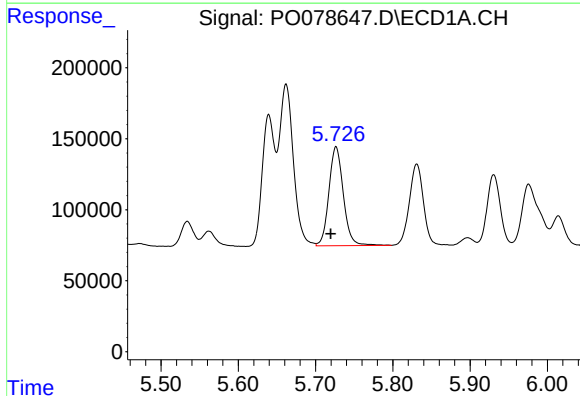
R.T.: 5.662 min
Delta R.T.: 0.007 min
Response: 1466422
Conc: 546.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



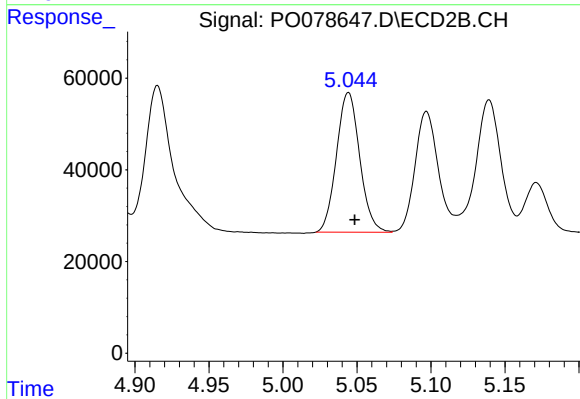
#17 AR-1242-2

R.T.: 4.856 min
Delta R.T.: -0.005 min
Response: 640330
Conc: 520.49 ng/ml



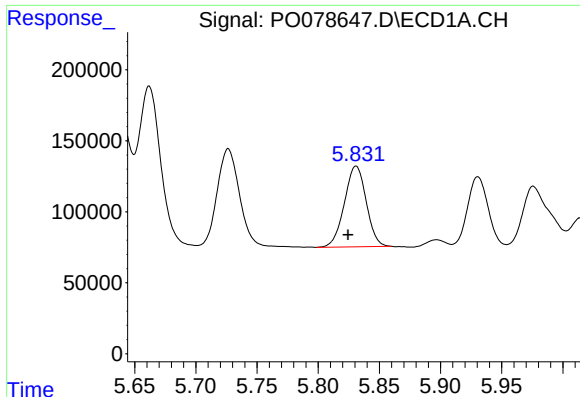
#18 AR-1242-3

R.T.: 5.726 min
Delta R.T.: 0.007 min
Response: 908365
Conc: 551.80 ng/ml



#18 AR-1242-3

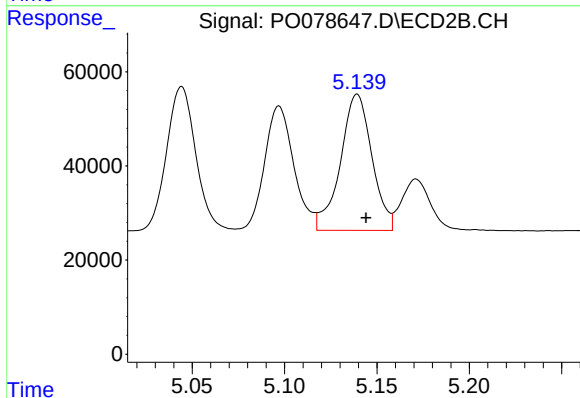
R.T.: 5.044 min
Delta R.T.: -0.004 min
Response: 332818
Conc: 524.82 ng/ml



#19 AR-1242-4

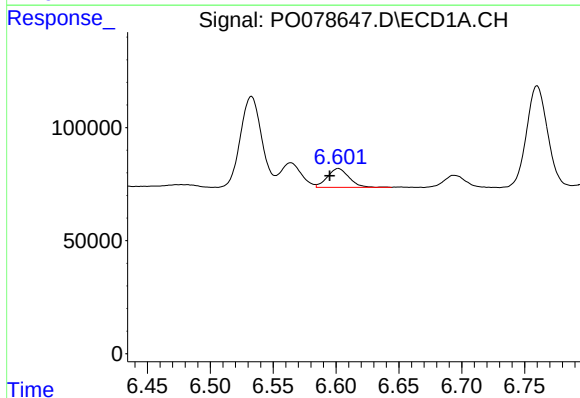
R.T.: 5.831 min
Delta R.T.: 0.007 min
Response: 706626
Conc: 524.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



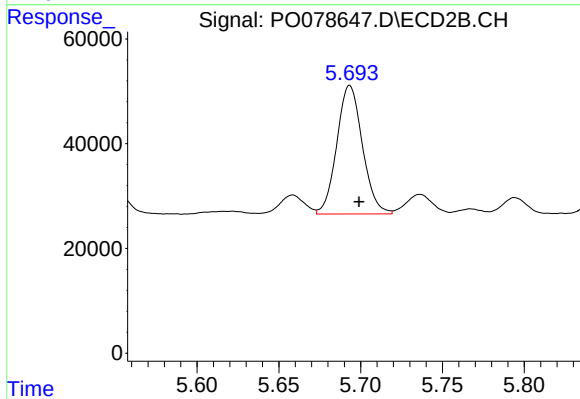
#19 AR-1242-4

R.T.: 5.139 min
Delta R.T.: -0.005 min
Response: 343960
Conc: 525.69 ng/ml



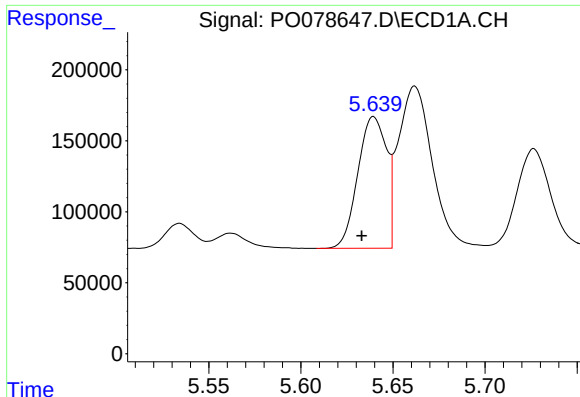
#20 AR-1242-5

R.T.: 6.602 min
Delta R.T.: 0.007 min
Response: 100067
Conc: 74.77 ng/ml



#20 AR-1242-5

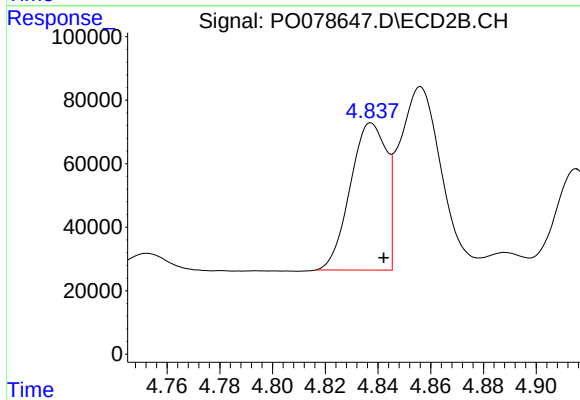
R.T.: 5.693 min
Delta R.T.: -0.006 min
Response: 267664
Conc: 325.53 ng/ml



#21 AR-1248-1

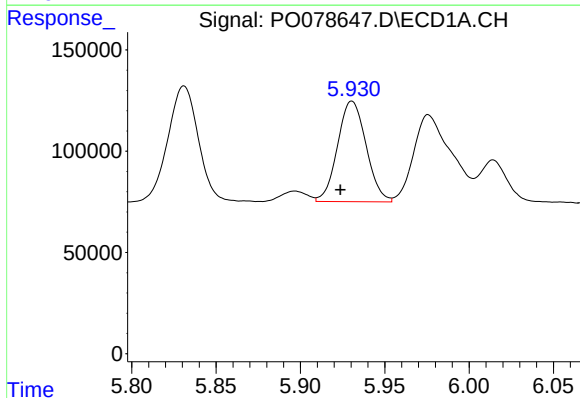
R.T.: 5.639 min
Delta R.T.: 0.006 min
Response: 1002798
Conc: 737.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



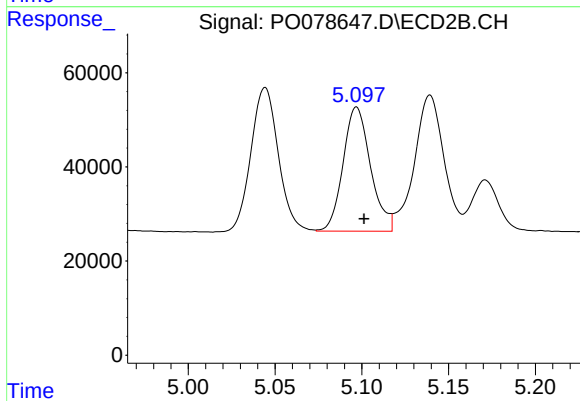
#21 AR-1248-1

R.T.: 4.837 min
Delta R.T.: -0.005 min
Response: 440745
Conc: 681.98 ng/ml



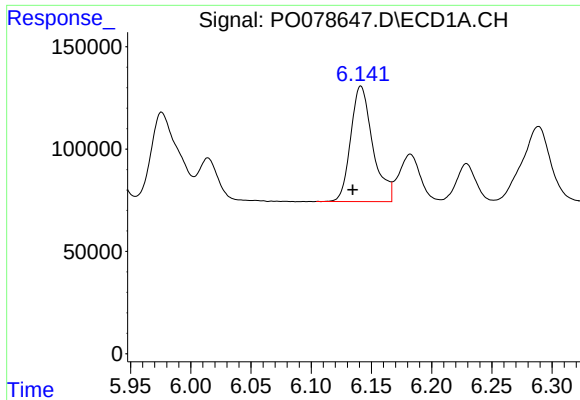
#22 AR-1248-2

R.T.: 5.931 min
Delta R.T.: 0.007 min
Response: 585220
Conc: 301.39 ng/ml



#22 AR-1248-2

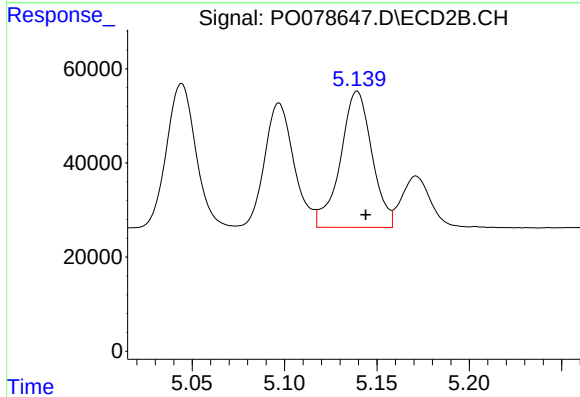
R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 290836
Conc: 298.27 ng/ml



#23 AR-1248-3

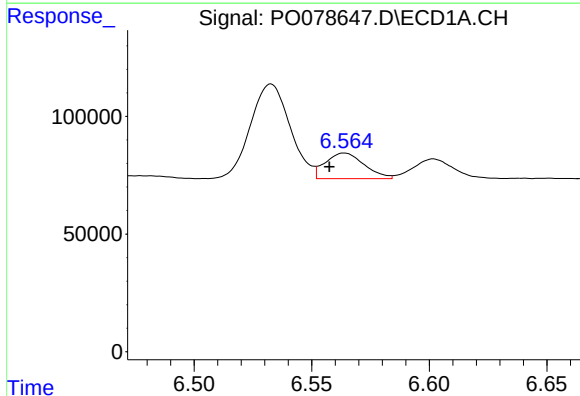
R.T.: 6.141 min
Delta R.T.: 0.007 min
Response: 719251
Conc: 318.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



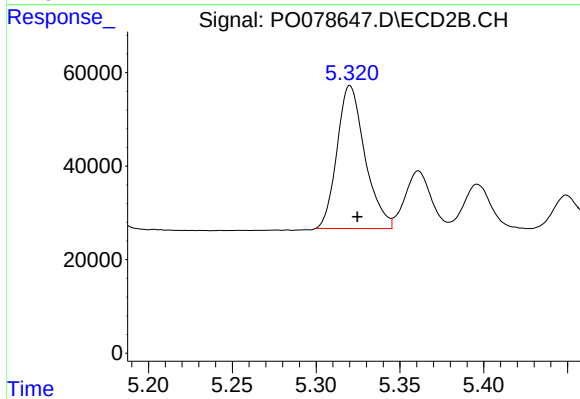
#23 AR-1248-3

R.T.: 5.139 min
Delta R.T.: -0.005 min
Response: 343960
Conc: 354.52 ng/ml



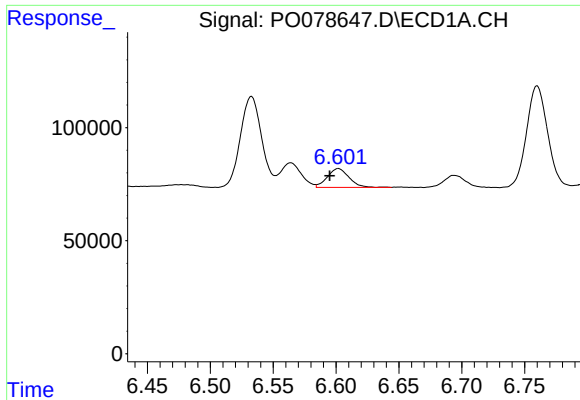
#24 AR-1248-4

R.T.: 6.564 min
Delta R.T.: 0.006 min
Response: 125241
Conc: 52.86 ng/ml



#24 AR-1248-4

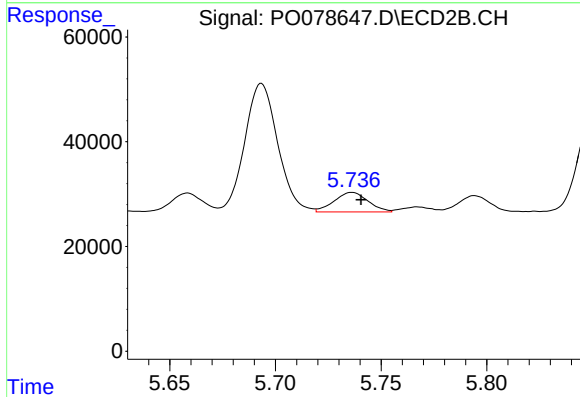
R.T.: 5.320 min
Delta R.T.: -0.004 min
Response: 353647
Conc: 305.30 ng/ml



#25 AR-1248-5

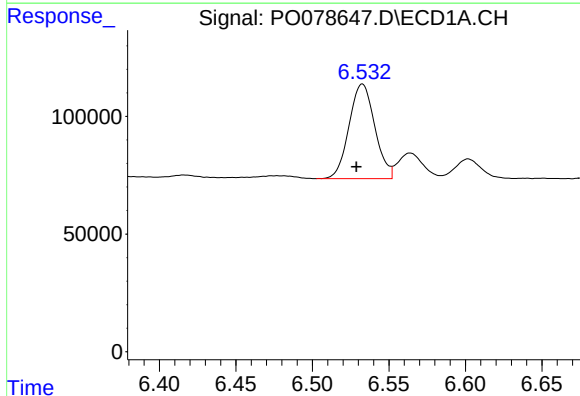
R.T.: 6.602 min
Delta R.T.: 0.007 min
Response: 100067
Conc: 43.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



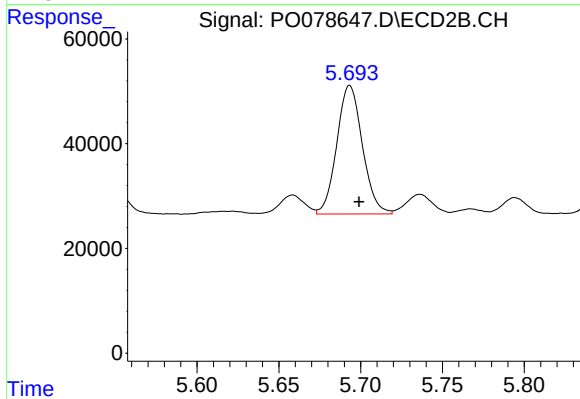
#25 AR-1248-5

R.T.: 5.736 min
Delta R.T.: -0.004 min
Response: 41913
Conc: 38.23 ng/ml



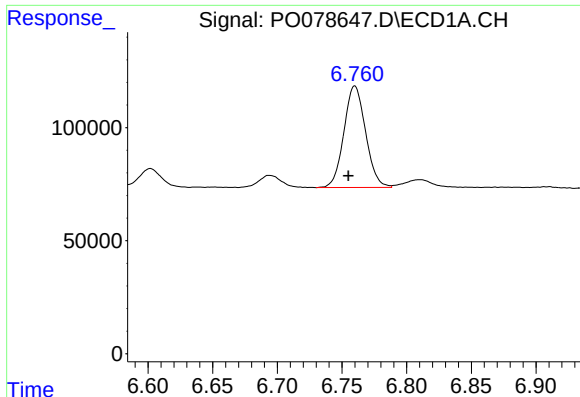
#26 AR-1254-1

R.T.: 6.533 min
Delta R.T.: 0.004 min
Response: 472299
Conc: 186.63 ng/ml



#26 AR-1254-1

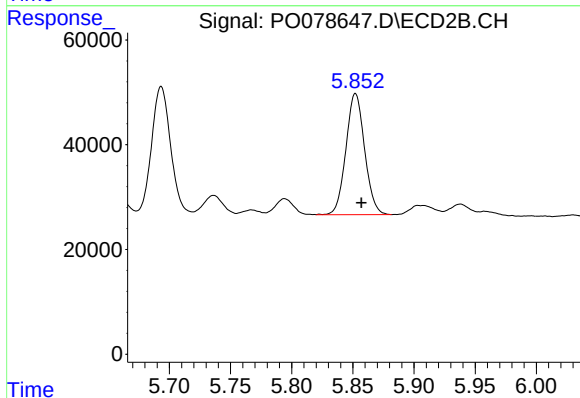
R.T.: 5.693 min
Delta R.T.: -0.006 min
Response: 267664
Conc: 155.08 ng/ml



#27 AR-1254-2

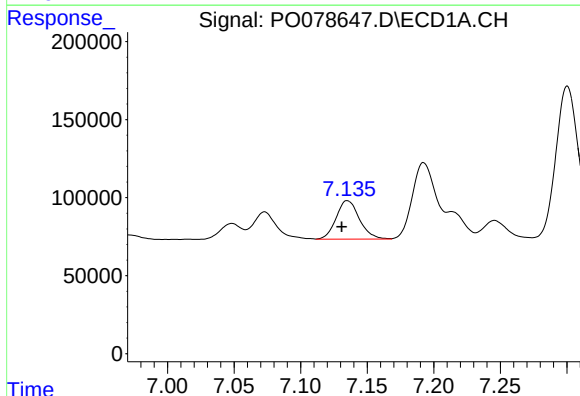
R.T.: 6.760 min
Delta R.T.: 0.005 min
Response: 525257
Conc: 132.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



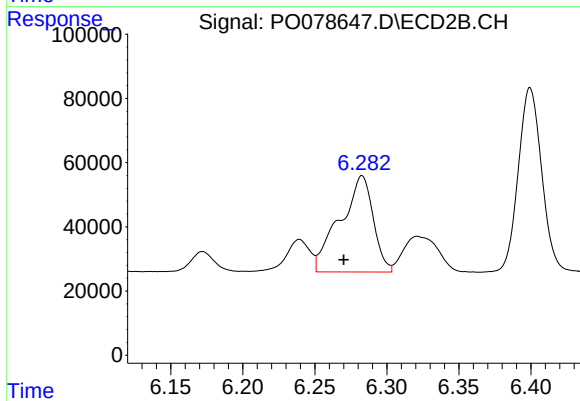
#27 AR-1254-2

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 246264
Conc: 153.58 ng/ml



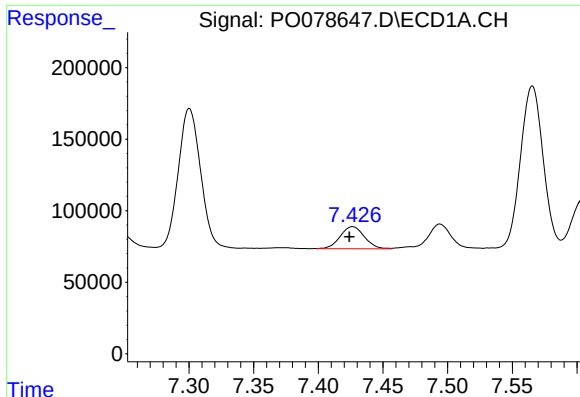
#28 AR-1254-3

R.T.: 7.135 min
Delta R.T.: 0.004 min
Response: 300756
Conc: 72.41 ng/ml



#28 AR-1254-3

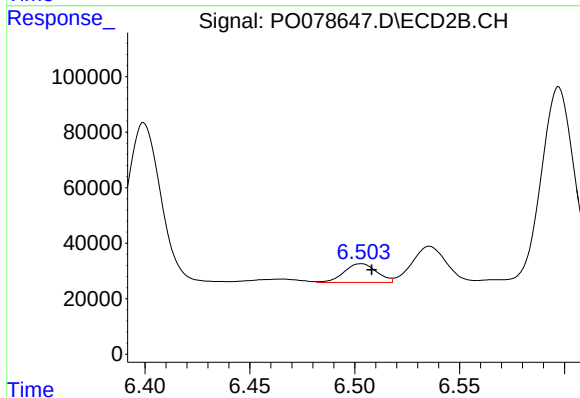
R.T.: 6.283 min
Delta R.T.: 0.013 min
Response: 482290
Conc: 201.58 ng/ml



#29 AR-1254-4

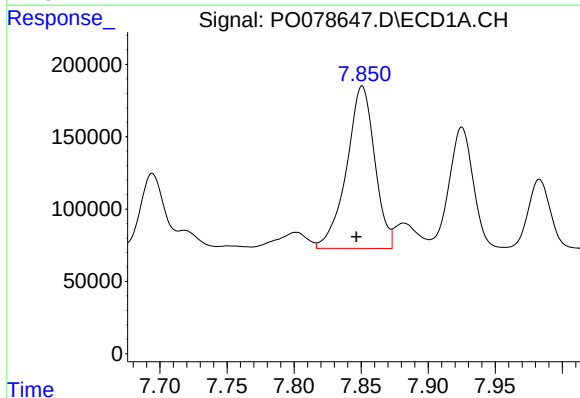
R.T.: 7.427 min
Delta R.T.: 0.002 min
Response: 202310
Conc: 68.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



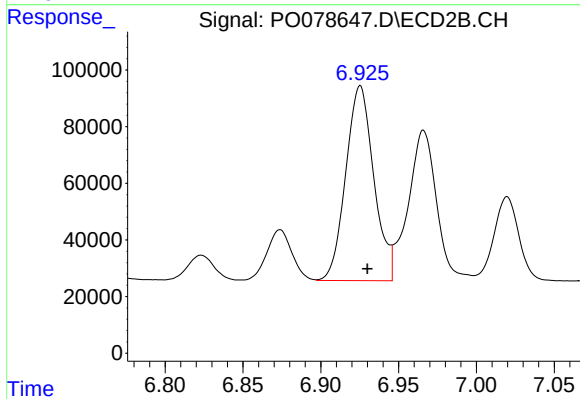
#29 AR-1254-4

R.T.: 6.503 min
Delta R.T.: -0.005 min
Response: 72505
Conc: 49.55 ng/ml



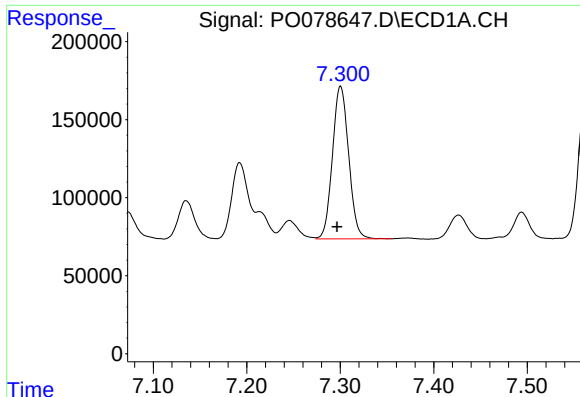
#30 AR-1254-5

R.T.: 7.851 min
Delta R.T.: 0.004 min
Response: 1631088
Conc: 508.69 ng/ml



#30 AR-1254-5

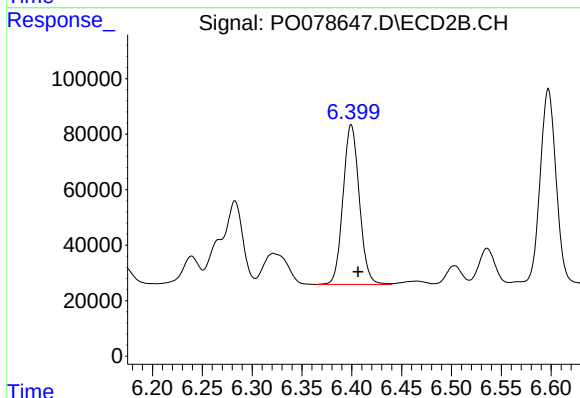
R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 862396
Conc: 378.27 ng/ml



#31 AR-1260-1

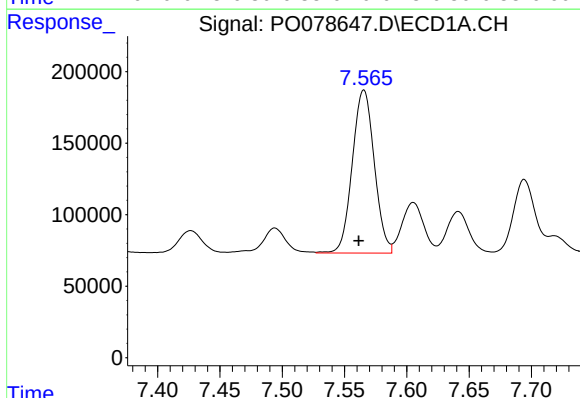
R.T.: 7.300 min
Delta R.T.: 0.004 min
Response: 1179268
Conc: 402.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



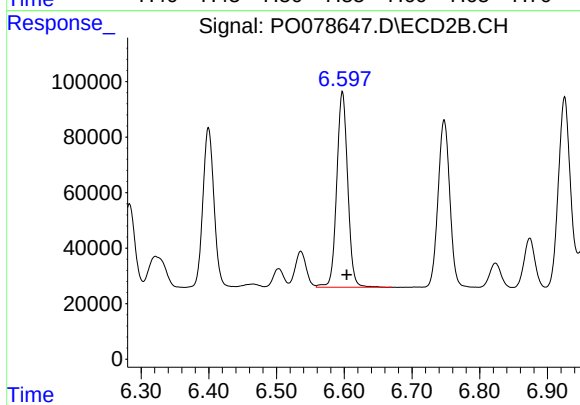
#31 AR-1260-1

R.T.: 6.399 min
Delta R.T.: -0.007 min
Response: 654737
Conc: 412.65 ng/ml



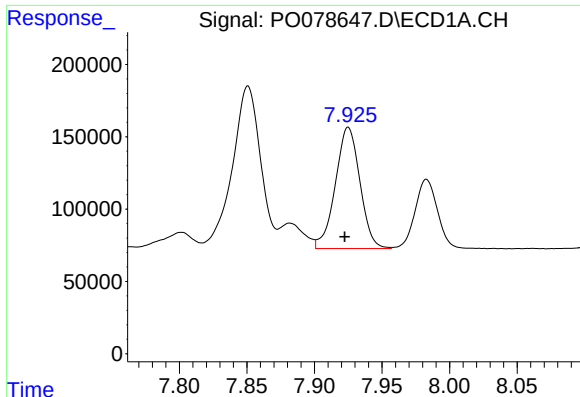
#32 AR-1260-2

R.T.: 7.566 min
Delta R.T.: 0.004 min
Response: 1402171
Conc: 426.24 ng/ml



#32 AR-1260-2

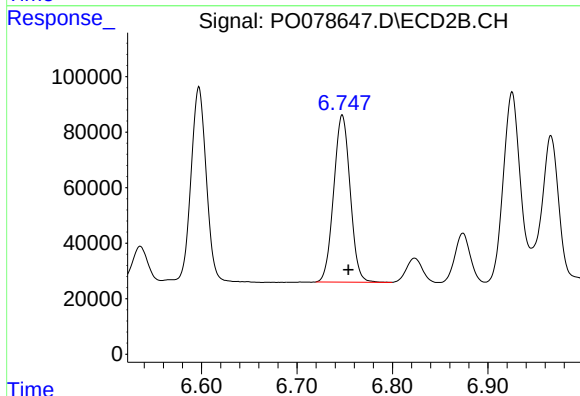
R.T.: 6.597 min
Delta R.T.: -0.006 min
Response: 793637
Conc: 426.11 ng/ml



#33 AR-1260-3

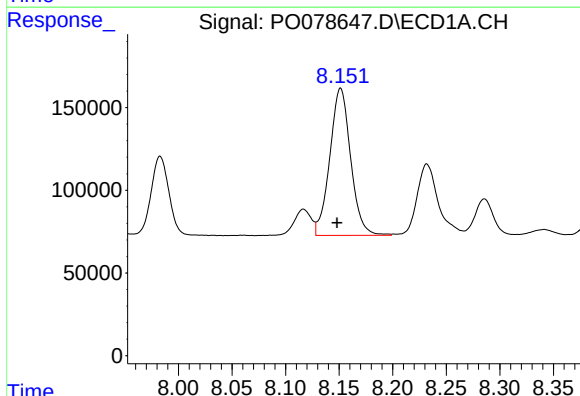
R.T.: 7.925 min
Delta R.T.: 0.003 min
Response: 1060503
Conc: 447.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



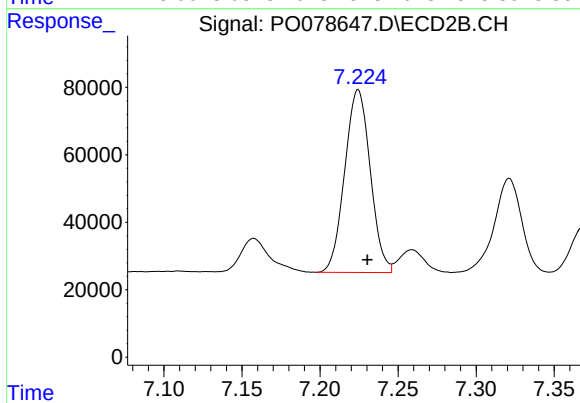
#33 AR-1260-3

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 721814
Conc: 406.80 ng/ml



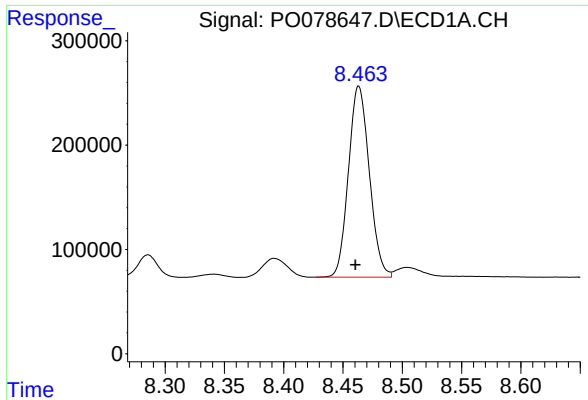
#34 AR-1260-4

R.T.: 8.151 min
Delta R.T.: 0.004 min
Response: 1204034
Conc: 468.14 ng/ml



#34 AR-1260-4

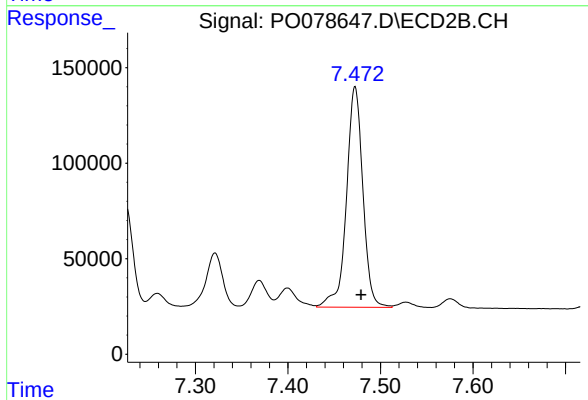
R.T.: 7.224 min
Delta R.T.: -0.006 min
Response: 617392
Conc: 421.32 ng/ml



#35 AR-1260-5

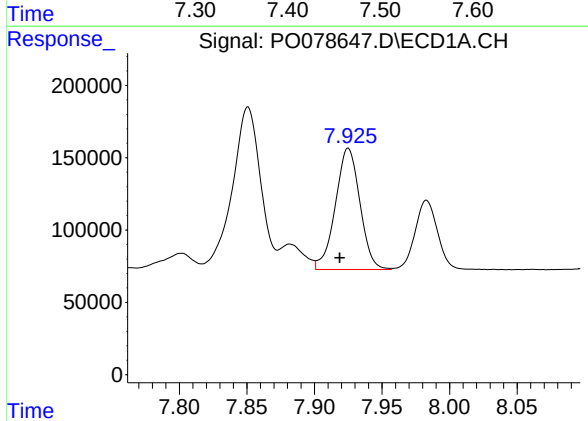
R.T.: 8.463 min
Delta R.T.: 0.003 min
Response: 2243645
Conc: 441.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



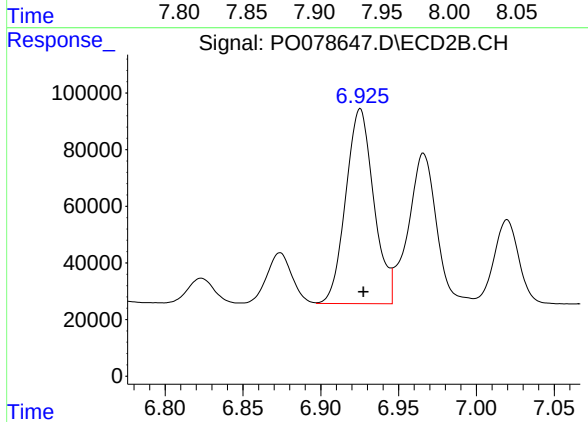
#35 AR-1260-5

R.T.: 7.473 min
Delta R.T.: -0.006 min
Response: 1422563
Conc: 407.70 ng/ml



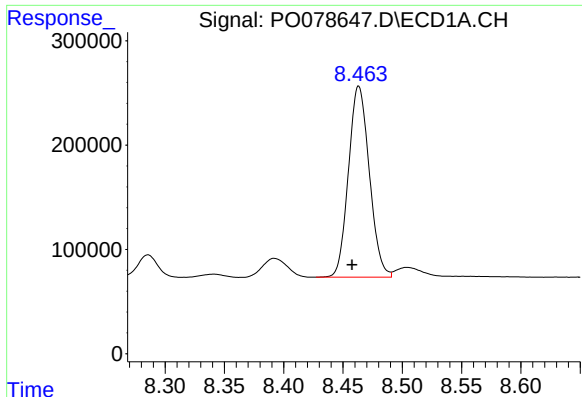
#36 AR-1262-1

R.T.: 7.925 min
Delta R.T.: 0.006 min
Response: 1060503
Conc: 271.11 ng/ml



#36 AR-1262-1

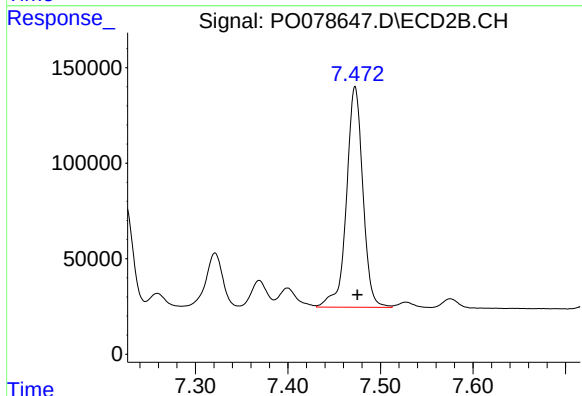
R.T.: 6.925 min
Delta R.T.: -0.002 min
Response: 862396
Conc: 721.90 ng/ml



#37 AR-1262-2

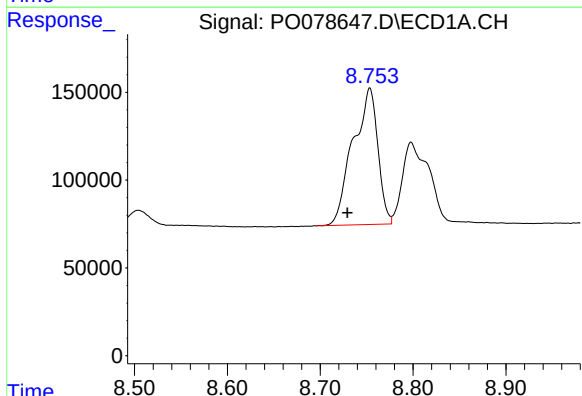
R.T.: 8.463 min
Delta R.T.: 0.006 min
Response: 2243645
Conc: 350.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



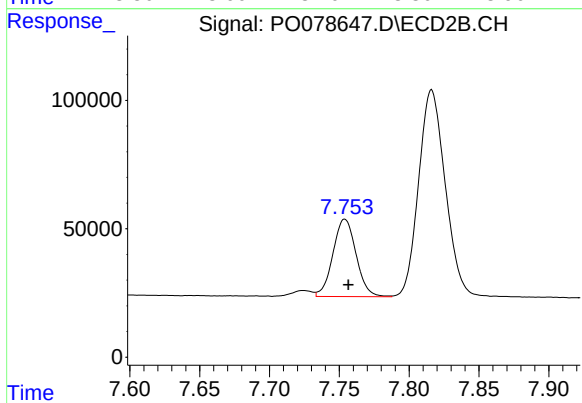
#37 AR-1262-2

R.T.: 7.473 min
Delta R.T.: -0.003 min
Response: 1422563
Conc: 362.73 ng/ml



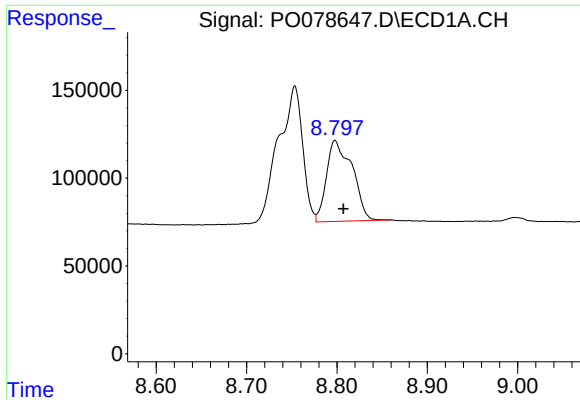
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: 0.024 min
Response: 1444900
Conc: 345.96 ng/ml



#38 AR-1262-3

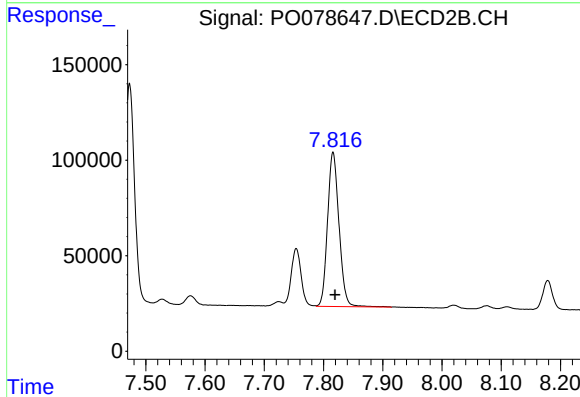
R.T.: 7.754 min
Delta R.T.: -0.003 min
Response: 348397
Conc: 211.65 ng/ml



#39 AR-1262-4

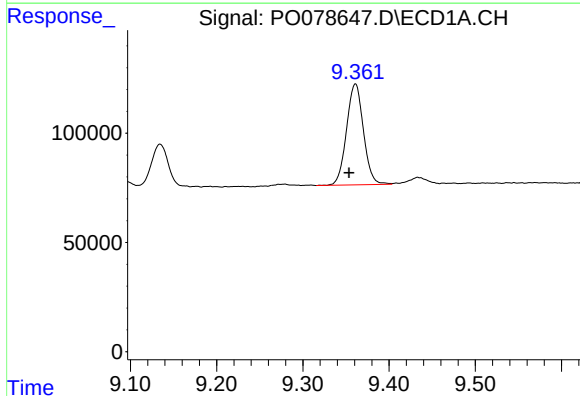
R.T.: 8.798 min
Delta R.T.: -0.009 min
Response: 909046
Conc: 293.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



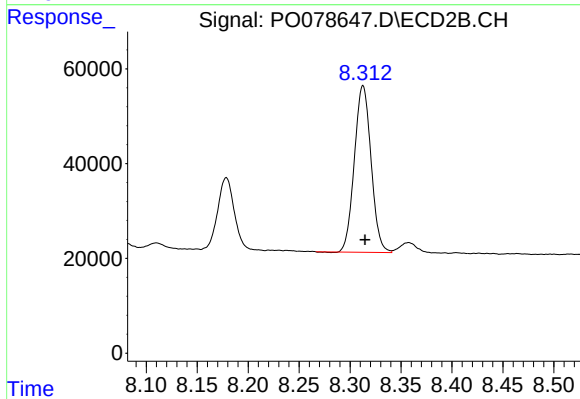
#39 AR-1262-4

R.T.: 7.816 min
Delta R.T.: -0.003 min
Response: 1083118
Conc: 360.07 ng/ml



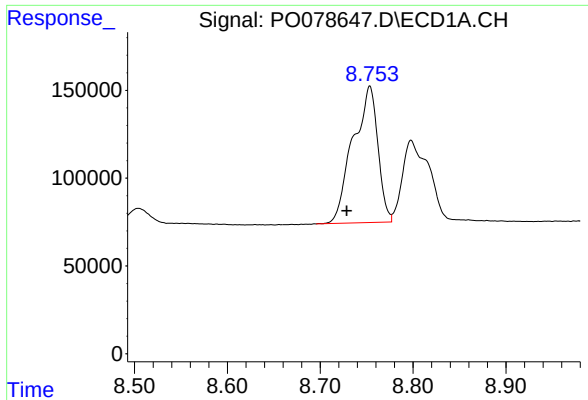
#40 AR-1262-5

R.T.: 9.361 min
Delta R.T.: 0.007 min
Response: 631976
Conc: 333.53 ng/ml



#40 AR-1262-5

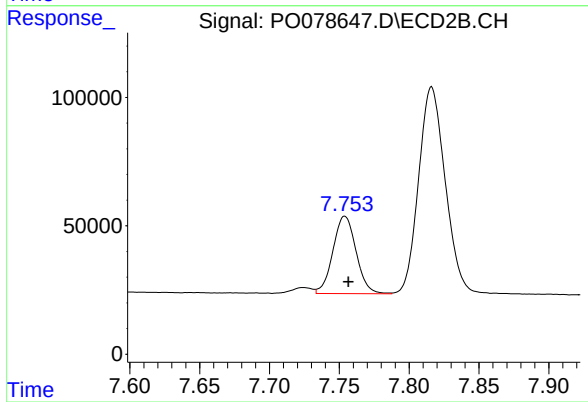
R.T.: 8.313 min
Delta R.T.: -0.002 min
Response: 401271
Conc: 295.67 ng/ml



#41 AR-1268-1

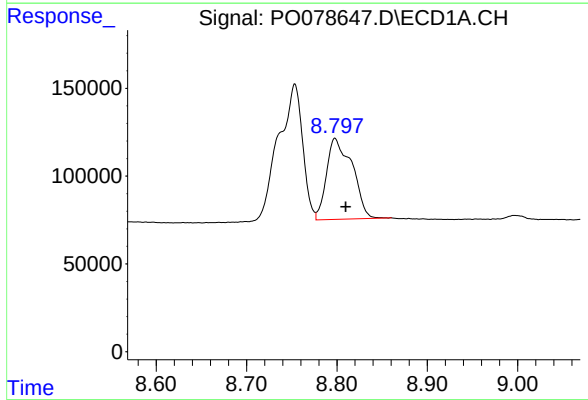
R.T.: 8.753 min
Delta R.T.: 0.025 min
Response: 1444900
Conc: 201.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



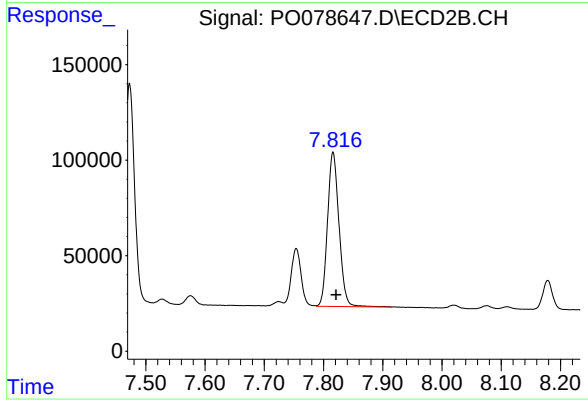
#41 AR-1268-1

R.T.: 7.754 min
Delta R.T.: -0.002 min
Response: 348397
Conc: 76.71 ng/ml



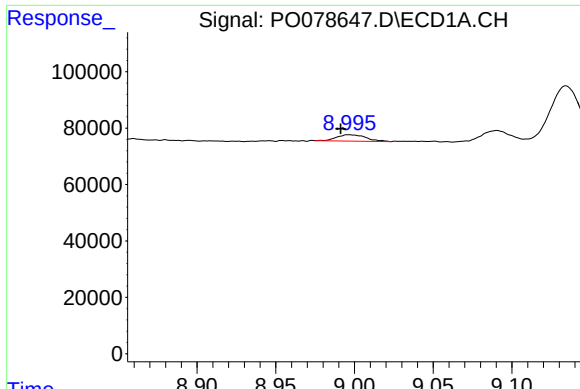
#42 AR-1268-2

R.T.: 8.798 min
Delta R.T.: -0.012 min
Response: 909046
Conc: 142.69 ng/ml



#42 AR-1268-2

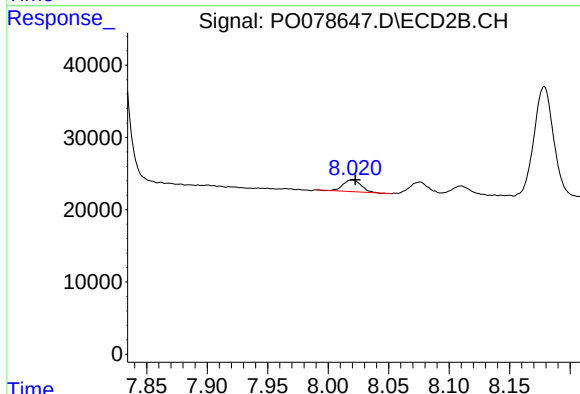
R.T.: 7.816 min
Delta R.T.: -0.005 min
Response: 1083118
Conc: 264.50 ng/ml



#43 AR-1268-3

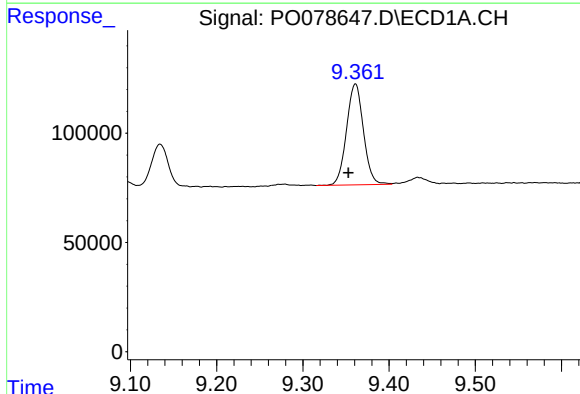
R.T.: 8.997 min
Delta R.T.: 0.005 min
Response: 29100
Conc: 5.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



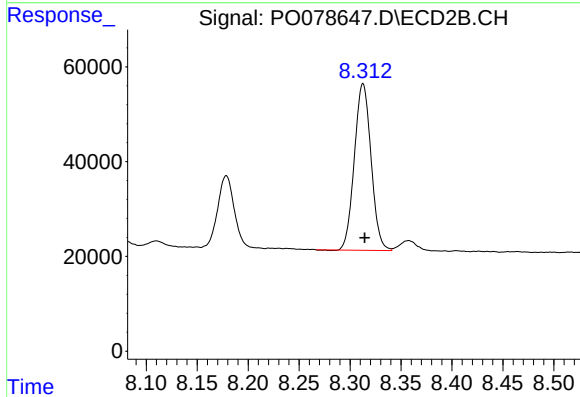
#43 AR-1268-3

R.T.: 8.020 min
Delta R.T.: -0.003 min
Response: 16453
Conc: 4.72 ng/ml



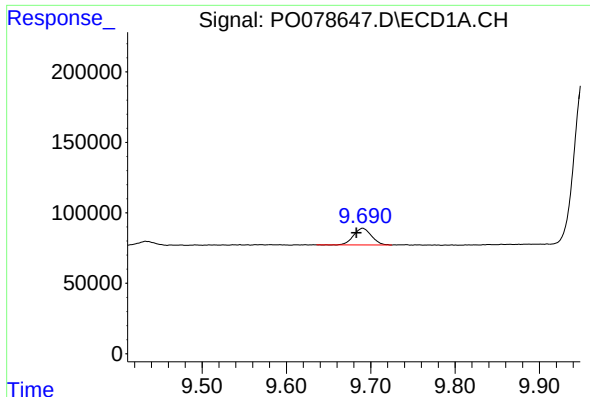
#44 AR-1268-4

R.T.: 9.361 min
Delta R.T.: 0.008 min
Response: 631976
Conc: 319.24 ng/ml



#44 AR-1268-4

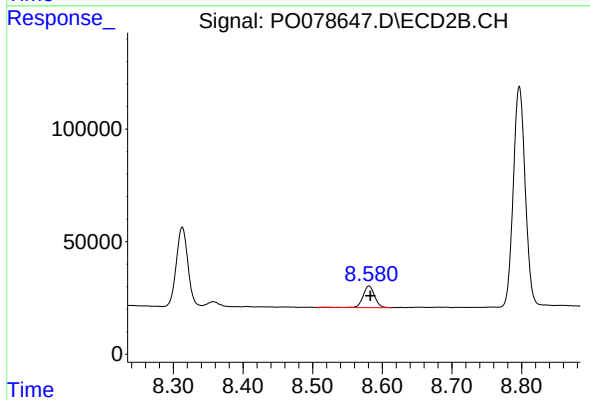
R.T.: 8.313 min
Delta R.T.: -0.002 min
Response: 401271
Conc: 273.38 ng/ml



#45 AR-1268-5

R.T.: 9.690 min
Delta R.T.: 0.008 min
Response: 174969
Conc: 11.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.581 min
Delta R.T.: -0.002 min
Response: 111831
Conc: 10.80 ng/ml