

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012420\
 Data File : P0065887.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jan 2020 13:00
 Operator : DD\AJ
 Sample : L1230-03MS
 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: Jan 24 13:42:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012320.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 24 03:54:38 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...	4.154	3.430	604153	711455	26.055	26.785
2)	SA Decachlor...	9.647	8.327	939831	1162045	22.577	23.912
Target Compounds							
3)	L1 AR-1016-1	5.303	4.488	281216	335460	256.061	261.861
4)	L1 AR-1016-2	5.324	4.506	423102	485171	255.828	258.059
5)	L1 AR-1016-3	5.385	4.678	250156	254379	245.632	262.150
6)	L1 AR-1016-4	5.482	4.720	206214	213970	245.925	260.659
7)	L1 AR-1016-5	5.773	4.929	211605	279061	247.736	258.835
8)	L2 AR-1221-1	4.358	3.639	19934	23360	68.958	67.852
9)	L2 AR-1221-2	4.448	3.723	31060	34502	140.808	135.772
10)	L2 AR-1221-3	4.521	3.796	123839	142308	172.618	172.922
11)	L3 AR-1232-1	4.521	3.796	123839	142308	228.033	223.570
12)	L3 AR-1232-2	5.039	4.506	181040	485171	626.831	631.214
13)	L3 AR-1232-3	5.324	4.678	423102	254379	628.144	661.117
14)	L3 AR-1232-4	5.482	4.761	206214	255261	613.650	724.897
15)	L3 AR-1232-5	5.572	4.929	168236	279061	678.246	700.317
16)	L4 AR-1242-1	5.303	4.488	281216	335460	348.946	361.410
17)	L4 AR-1242-2	5.324	4.506	423102	485171	353.901	350.793
18)	L4 AR-1242-3	5.385	4.678	250156	254379	333.597	345.643
19)	L4 AR-1242-4	5.482	4.761	206214	255261	337.099	342.855
20)	L4 AR-1242-5	6.208	5.275	42209	246101	50.691	222.309 #
21)	L5 AR-1248-1	5.303	4.488	281216	335460	455.378	470.204
22)	L5 AR-1248-2	5.572	4.720	168236	213970	191.076	211.098
23)	L5 AR-1248-3	5.773	4.761	211605	255261	205.076	248.342
24)	L5 AR-1248-4	6.170	4.929	45270	279061	33.598	218.684 #
25)	L5 AR-1248-5	6.208	5.315	42209	43121	32.658	30.895
26)	L6 AR-1254-1	6.144	5.275	190557	246101	143.567	110.062
27)	L6 AR-1254-2	6.359	5.421	198544	260787	91.142	126.966 #
28)	L6 AR-1254-3	6.723	5.833	132158	442899	54.347	130.608 #
29)	L6 AR-1254-4	7.005	6.046	93318	56169	44.527	24.521 #
30)	L6 AR-1254-5	7.420	6.457	730129	848421	340.289	262.359
31)	L7 AR-1260-1	6.884	5.946	497620	629794	256.830	260.001
32)	L7 AR-1260-2	7.139	6.134	671229	782067	255.968	246.814
33)	L7 AR-1260-3	7.495	6.284	445435	670915	204.964	242.628
34)	L7 AR-1260-4	7.718	6.751	482503	501770	217.669	203.314
35)	L7 AR-1260-5	8.024	6.993	965991	1191389	199.503	195.982
36)	L8 AR-1262-1	7.495	6.548	445435	295812	149.891	213.763 #
37)	L8 AR-1262-2	8.024	6.993	965991	1191389	187.611	188.433
38)	L8 AR-1262-3	8.321	7.272	593923	237580	169.176	92.769 #
39)	L8 AR-1262-4	8.372	7.335	360132	848358	131.727	180.402 #
40)	L8 AR-1262-5	8.983	7.829	237355	262171	125.865	124.682
41)	L9 AR-1268-1	8.321	7.272	593923	237580	90.603	30.496 #

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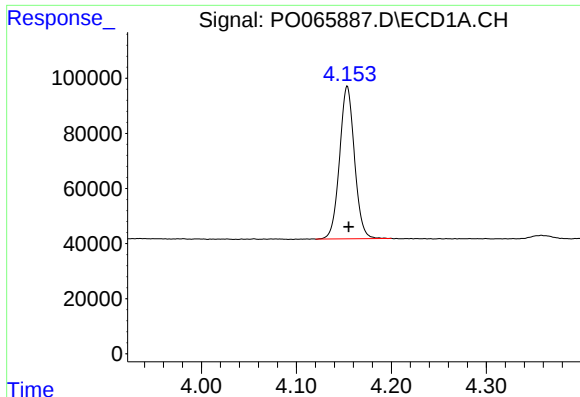
Instrument :
 ECD_O
 ClientSampleId :

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	8.372	7.335	360132	848358	61.042	117.135 #
43) L9	AR-1268-3	8.594	7.538	30434	26236	6.040	4.383 #
44) L9	AR-1268-4	8.983	7.829	237355	262171	112.021	107.471
45) L9	AR-1268-5	9.350	8.097	80814	92358	5.393	5.113

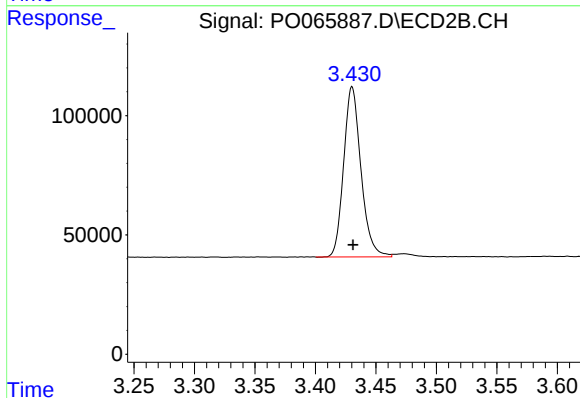
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

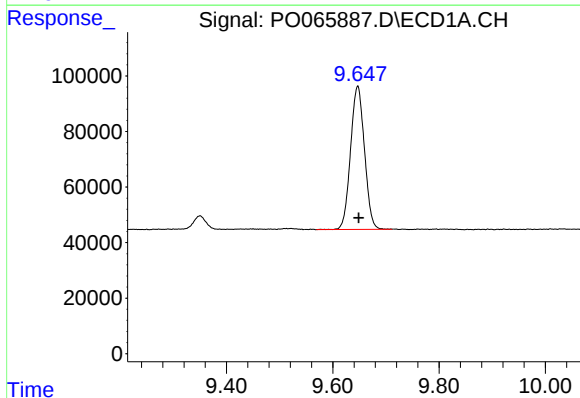
R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 604153
Conc: 26.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



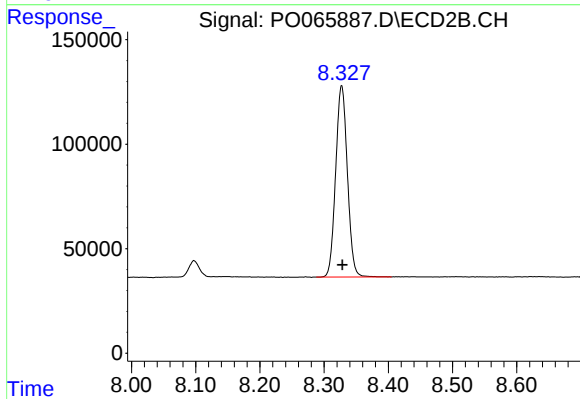
#1 Tetrachloro-m-xylene

R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 711455
Conc: 26.79 ng/ml



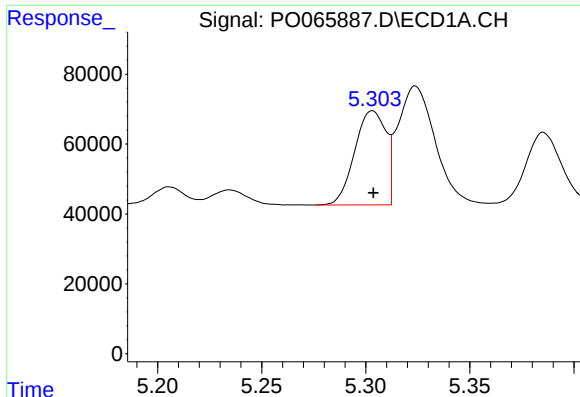
#2 Decachlorobiphenyl

R.T.: 9.647 min
Delta R.T.: -0.002 min
Response: 939831
Conc: 22.58 ng/ml



#2 Decachlorobiphenyl

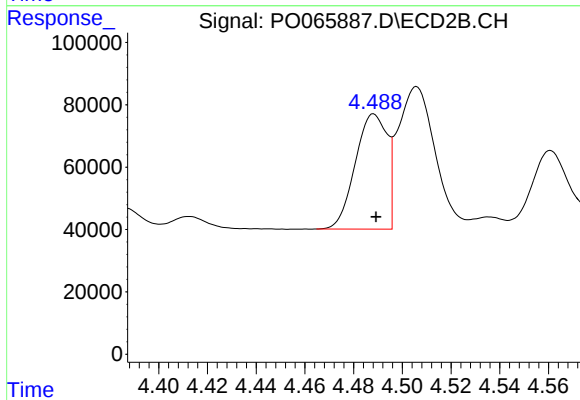
R.T.: 8.327 min
Delta R.T.: -0.001 min
Response: 1162045
Conc: 23.91 ng/ml



#3 AR-1016-1

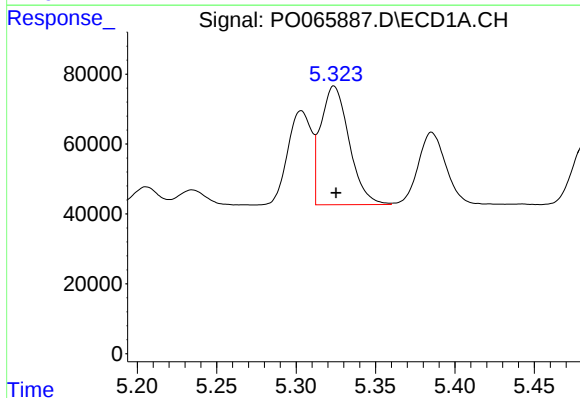
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 281216
Conc: 256.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



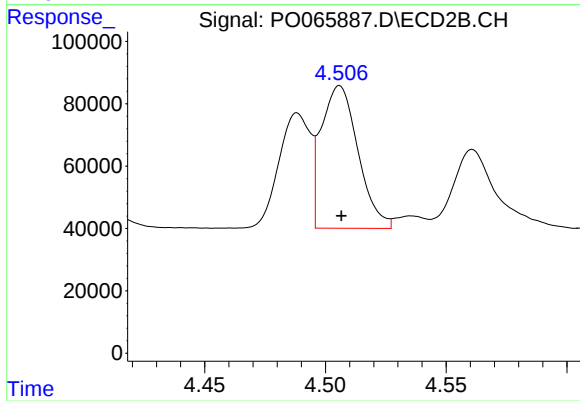
#3 AR-1016-1

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 335460
Conc: 261.86 ng/ml



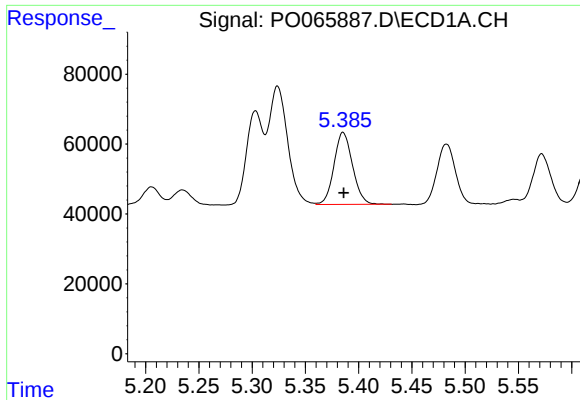
#4 AR-1016-2

R.T.: 5.324 min
Delta R.T.: -0.001 min
Response: 423102
Conc: 255.83 ng/ml



#4 AR-1016-2

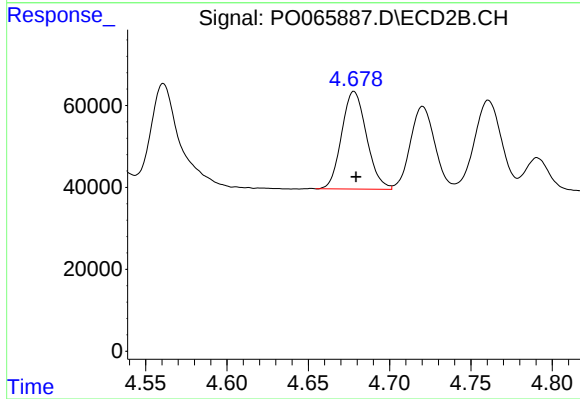
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 485171
Conc: 258.06 ng/ml



#5 AR-1016-3

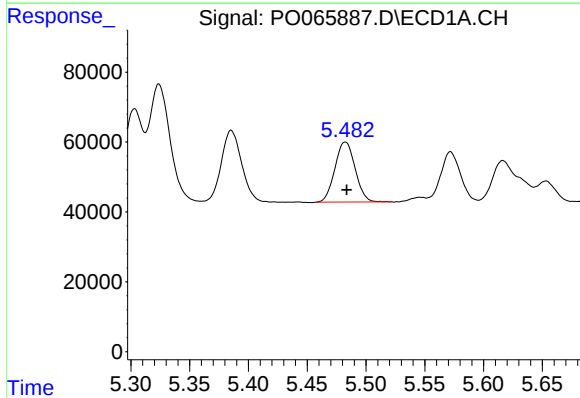
R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 250156
Conc: 245.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



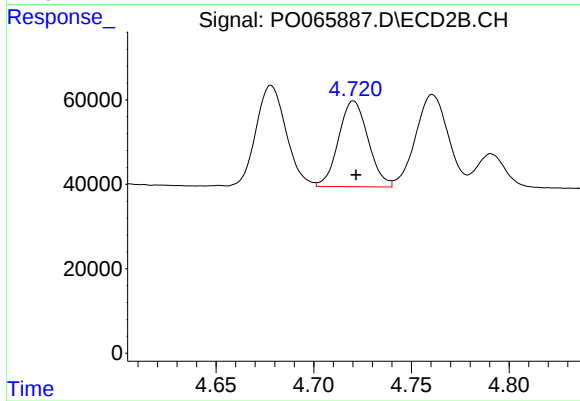
#5 AR-1016-3

R.T.: 4.678 min
Delta R.T.: -0.001 min
Response: 254379
Conc: 262.15 ng/ml



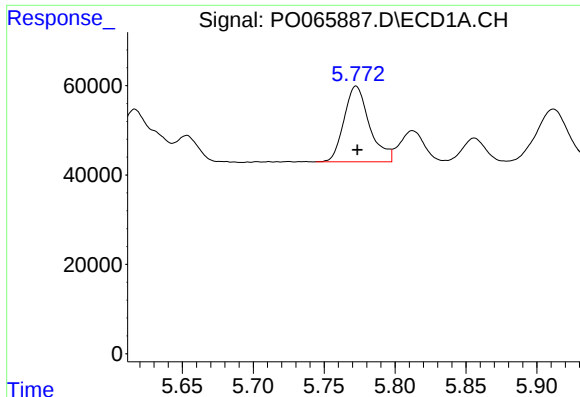
#6 AR-1016-4

R.T.: 5.482 min
Delta R.T.: -0.001 min
Response: 206214
Conc: 245.93 ng/ml



#6 AR-1016-4

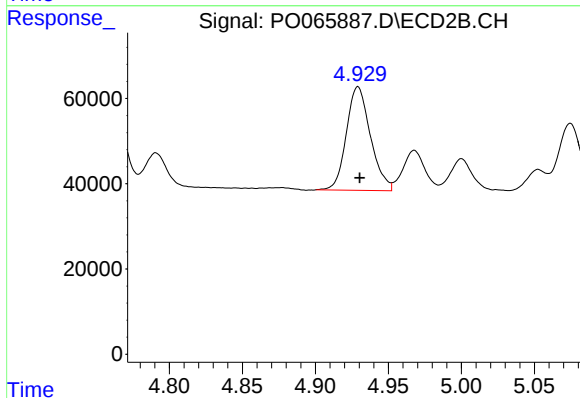
R.T.: 4.720 min
Delta R.T.: -0.001 min
Response: 213970
Conc: 260.66 ng/ml



#7 AR-1016-5

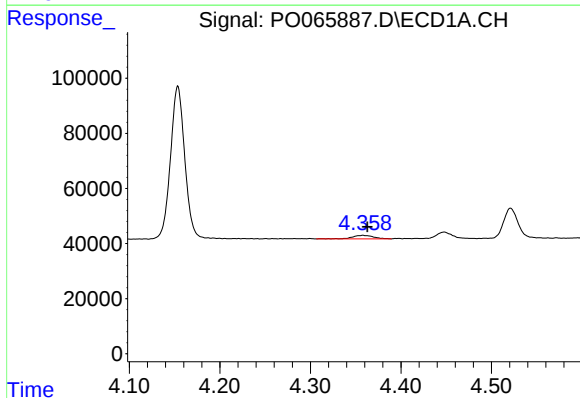
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 211605
Conc: 247.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



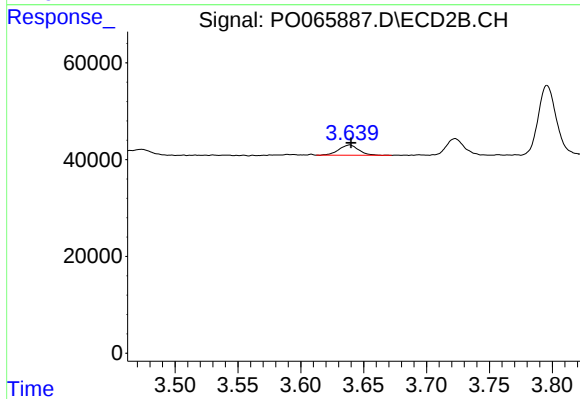
#7 AR-1016-5

R.T.: 4.929 min
Delta R.T.: -0.001 min
Response: 279061
Conc: 258.83 ng/ml



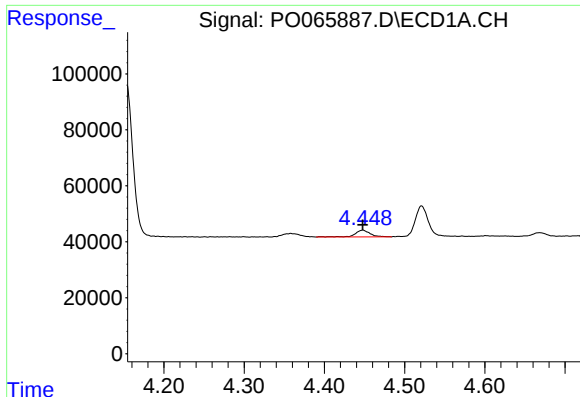
#8 AR-1221-1

R.T.: 4.358 min
Delta R.T.: -0.005 min
Response: 19934
Conc: 68.96 ng/ml



#8 AR-1221-1

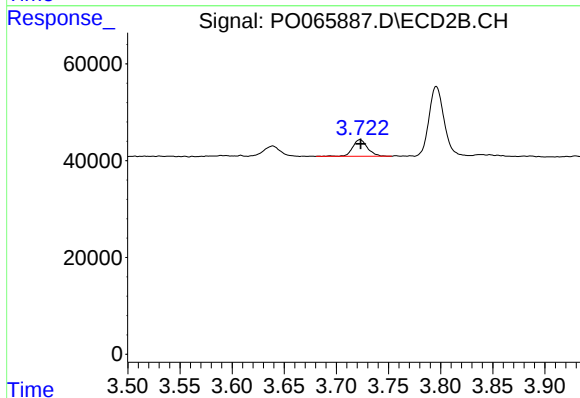
R.T.: 3.639 min
Delta R.T.: -0.001 min
Response: 23360
Conc: 67.85 ng/ml



#9 AR-1221-2

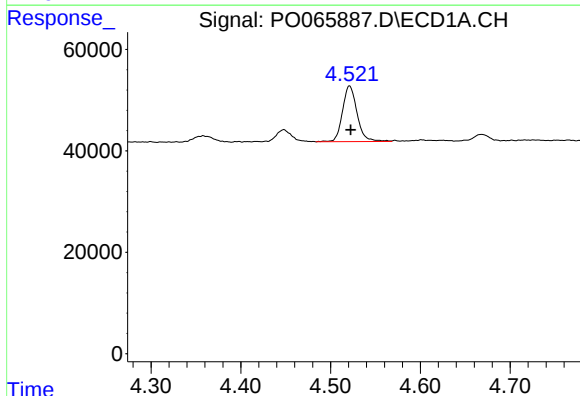
R.T.: 4.448 min
Delta R.T.: 0.000 min
Response: 31060
Conc: 140.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



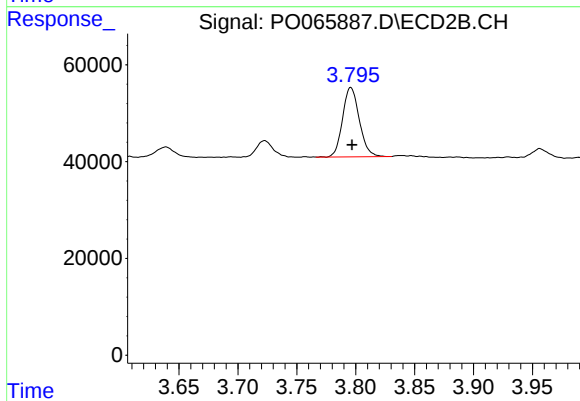
#9 AR-1221-2

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 34502
Conc: 135.77 ng/ml



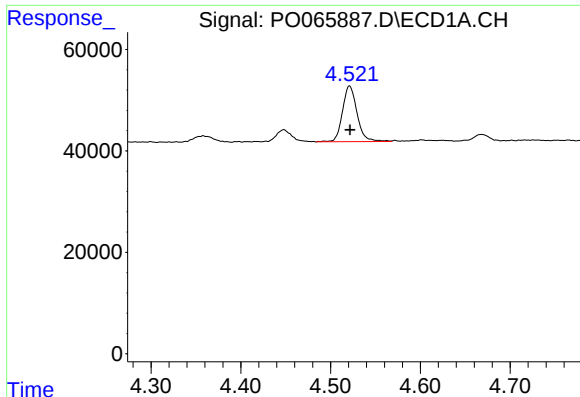
#10 AR-1221-3

R.T.: 4.521 min
Delta R.T.: -0.001 min
Response: 123839
Conc: 172.62 ng/ml



#10 AR-1221-3

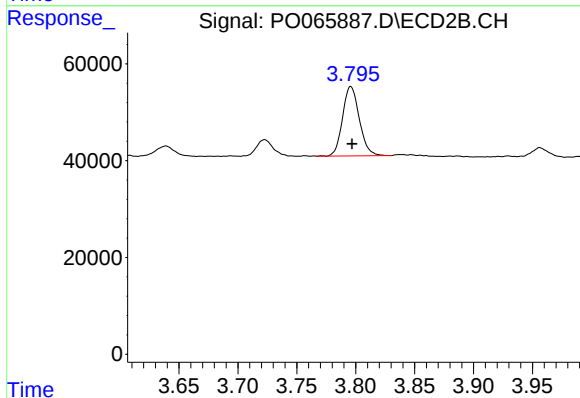
R.T.: 3.796 min
Delta R.T.: -0.001 min
Response: 142308
Conc: 172.92 ng/ml



#11 AR-1232-1

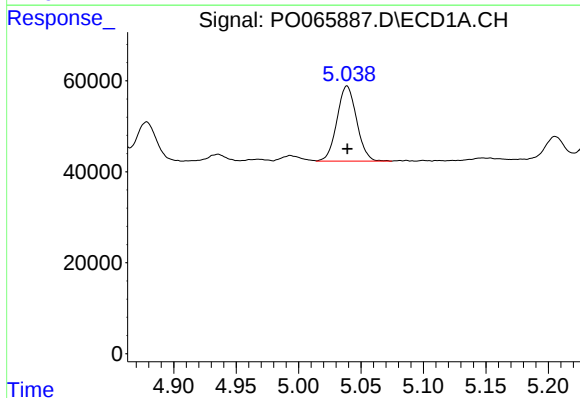
R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 123839
Conc: 228.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



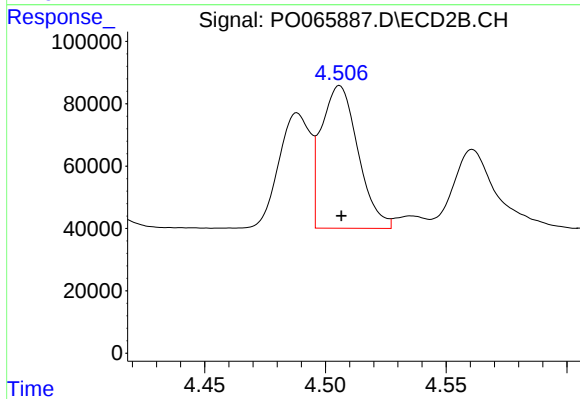
#11 AR-1232-1

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 142308
Conc: 223.57 ng/ml



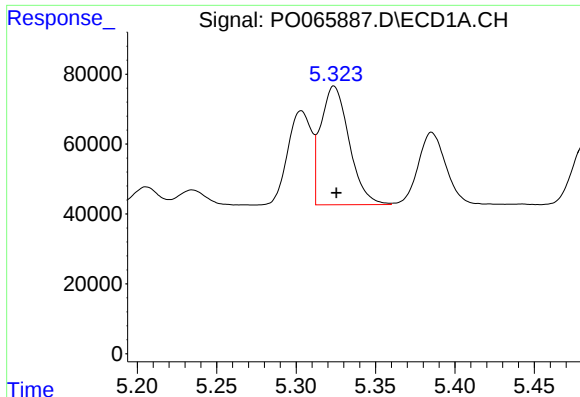
#12 AR-1232-2

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 181040
Conc: 626.83 ng/ml



#12 AR-1232-2

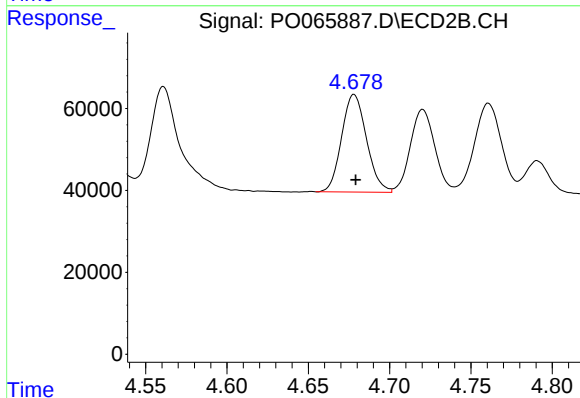
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 485171
Conc: 631.21 ng/ml



#13 AR-1232-3

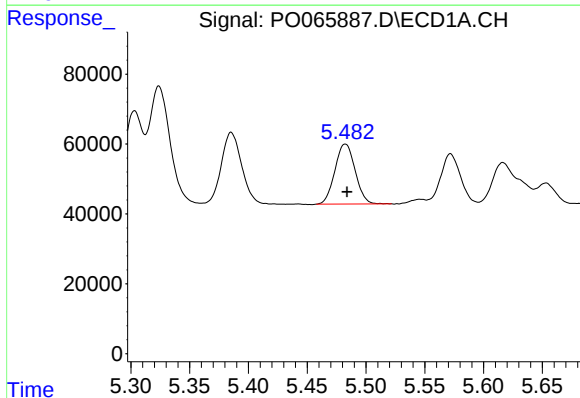
R.T.: 5.324 min
Delta R.T.: -0.002 min
Response: 423102
Conc: 628.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



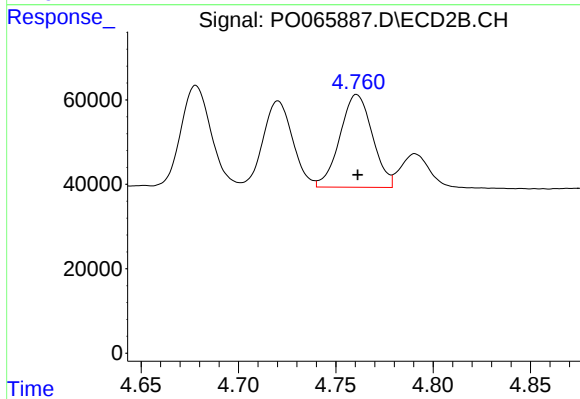
#13 AR-1232-3

R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 254379
Conc: 661.12 ng/ml



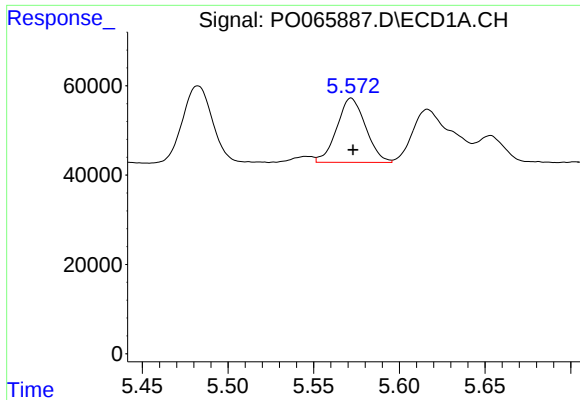
#14 AR-1232-4

R.T.: 5.482 min
Delta R.T.: -0.001 min
Response: 206214
Conc: 613.65 ng/ml



#14 AR-1232-4

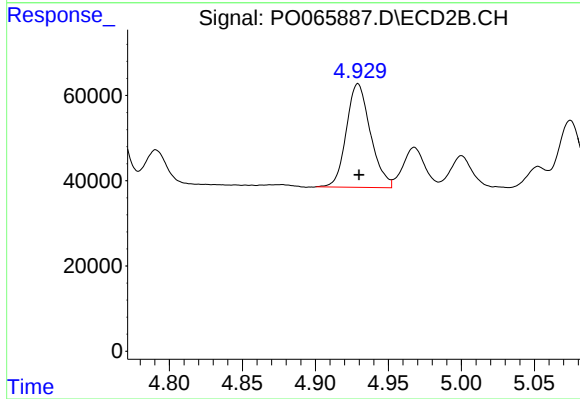
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 255261
Conc: 724.90 ng/ml



#15 AR-1232-5

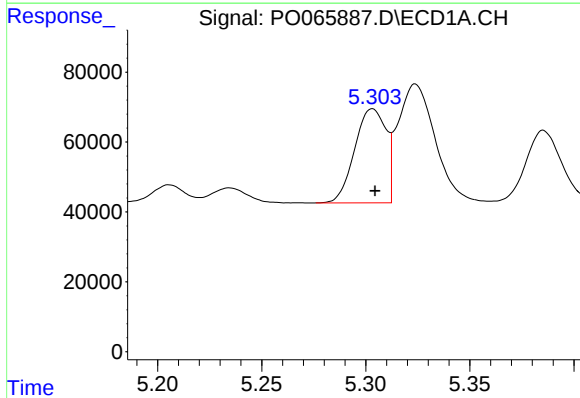
R.T.: 5.572 min
Delta R.T.: -0.001 min
Response: 168236
Conc: 678.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



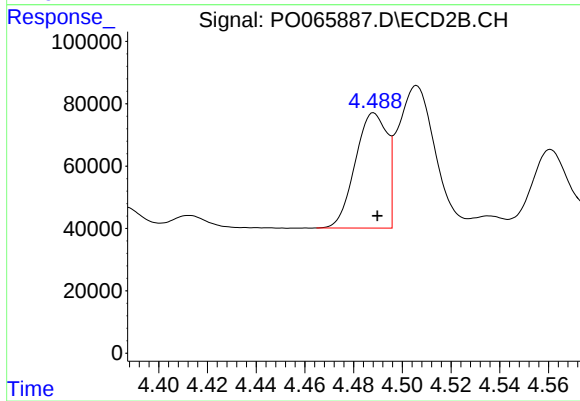
#15 AR-1232-5

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 279061
Conc: 700.32 ng/ml



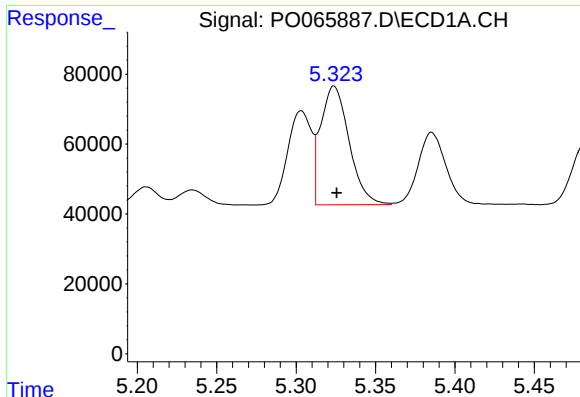
#16 AR-1242-1

R.T.: 5.303 min
Delta R.T.: -0.001 min
Response: 281216
Conc: 348.95 ng/ml



#16 AR-1242-1

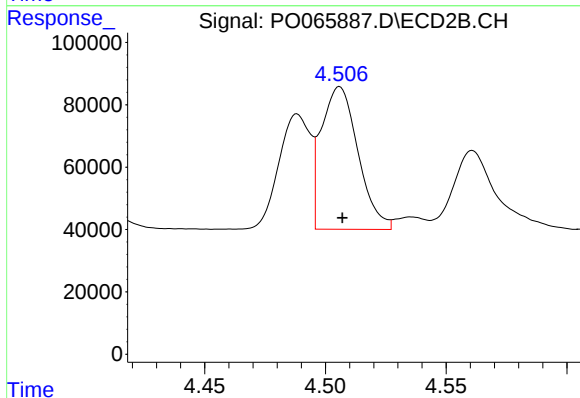
R.T.: 4.488 min
Delta R.T.: -0.001 min
Response: 335460
Conc: 361.41 ng/ml



#17 AR-1242-2

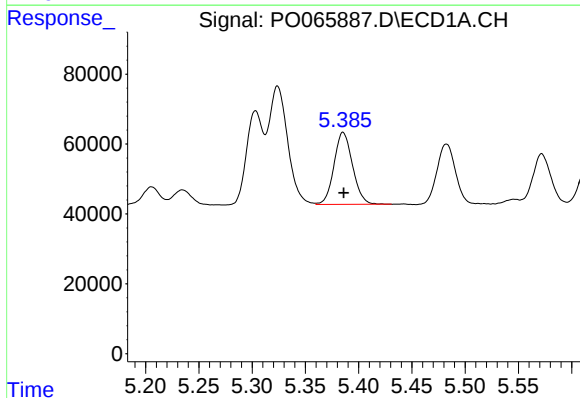
R.T.: 5.324 min
Delta R.T.: -0.002 min
Response: 423102
Conc: 353.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



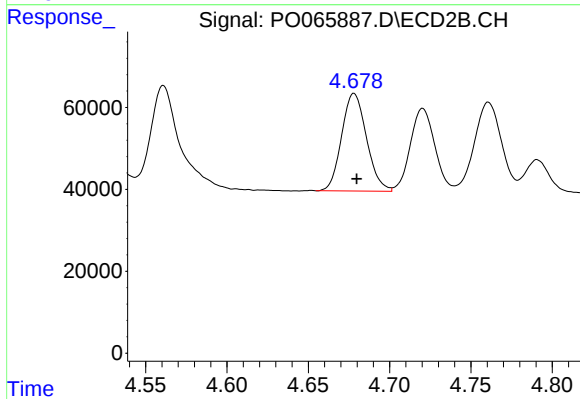
#17 AR-1242-2

R.T.: 4.506 min
Delta R.T.: -0.001 min
Response: 485171
Conc: 350.79 ng/ml



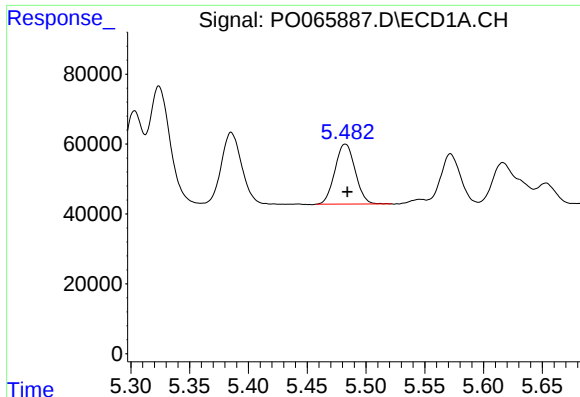
#18 AR-1242-3

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 250156
Conc: 333.60 ng/ml



#18 AR-1242-3

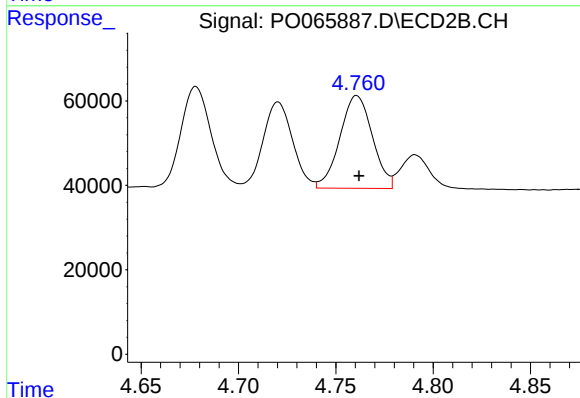
R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 254379
Conc: 345.64 ng/ml



#19 AR-1242-4

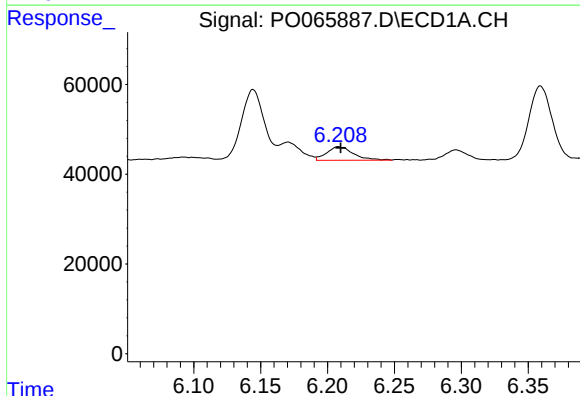
R.T.: 5.482 min
Delta R.T.: -0.002 min
Response: 206214
Conc: 337.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



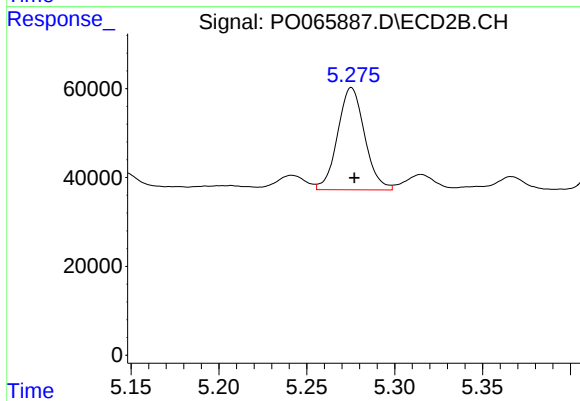
#19 AR-1242-4

R.T.: 4.761 min
Delta R.T.: -0.001 min
Response: 255261
Conc: 342.86 ng/ml



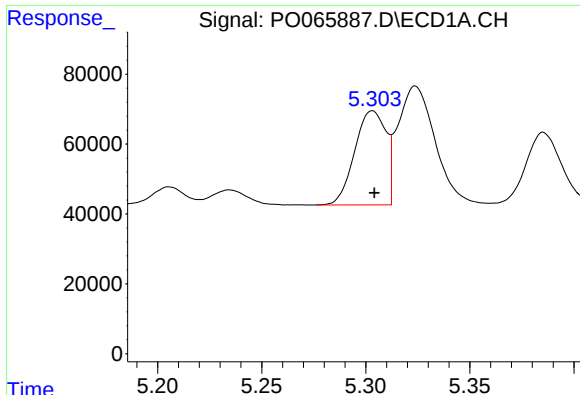
#20 AR-1242-5

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 42209
Conc: 50.69 ng/ml



#20 AR-1242-5

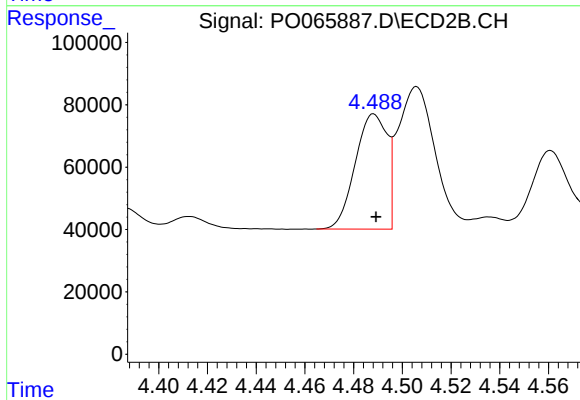
R.T.: 5.275 min
Delta R.T.: -0.002 min
Response: 246101
Conc: 222.31 ng/ml



#21 AR-1248-1

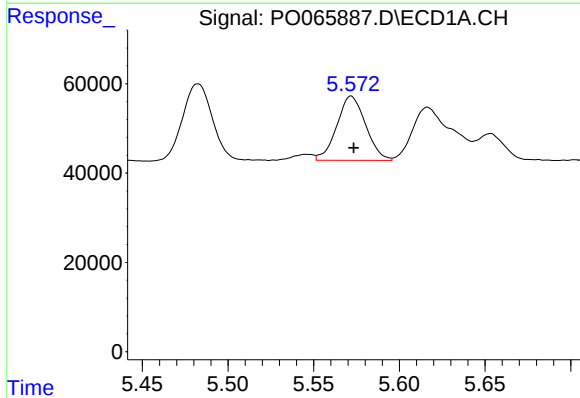
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 281216
Conc: 455.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



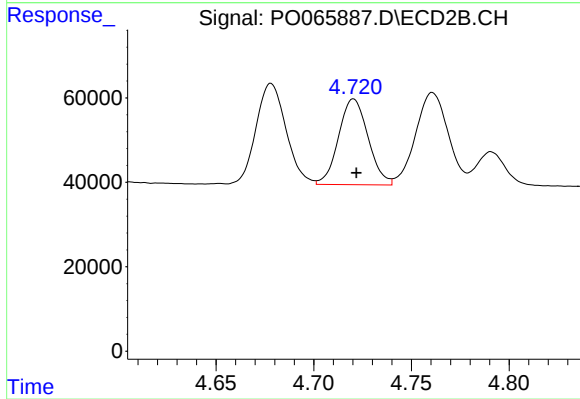
#21 AR-1248-1

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 335460
Conc: 470.20 ng/ml



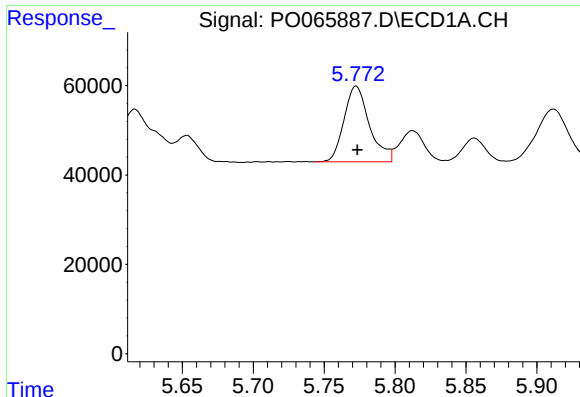
#22 AR-1248-2

R.T.: 5.572 min
Delta R.T.: -0.001 min
Response: 168236
Conc: 191.08 ng/ml



#22 AR-1248-2

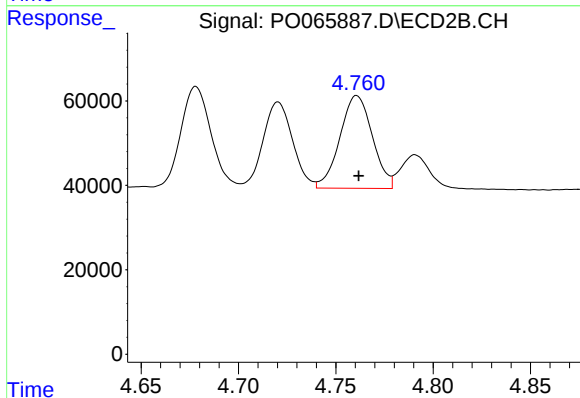
R.T.: 4.720 min
Delta R.T.: -0.001 min
Response: 213970
Conc: 211.10 ng/ml



#23 AR-1248-3

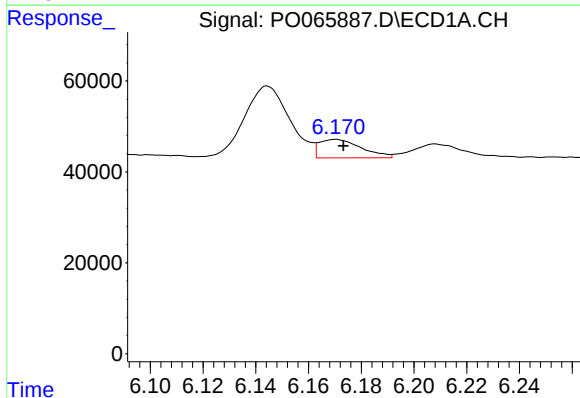
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 211605
Conc: 205.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



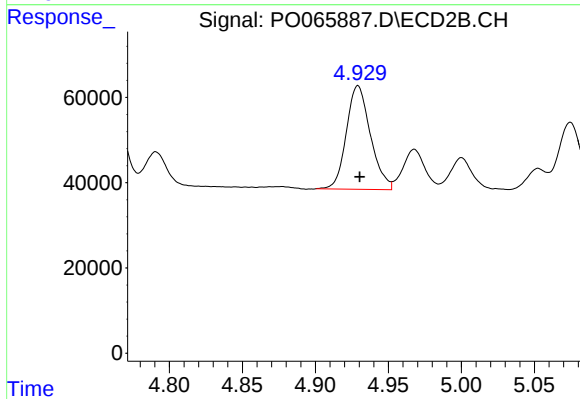
#23 AR-1248-3

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 255261
Conc: 248.34 ng/ml



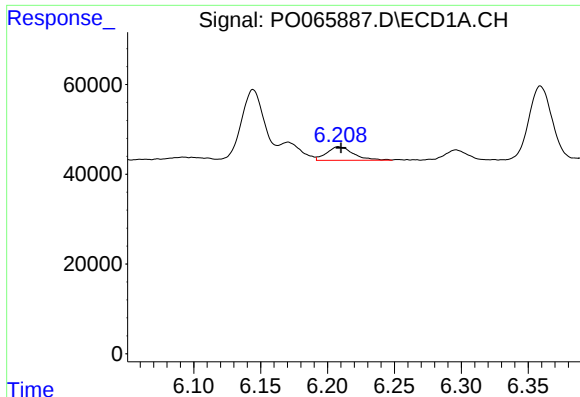
#24 AR-1248-4

R.T.: 6.170 min
Delta R.T.: -0.003 min
Response: 45270
Conc: 33.60 ng/ml



#24 AR-1248-4

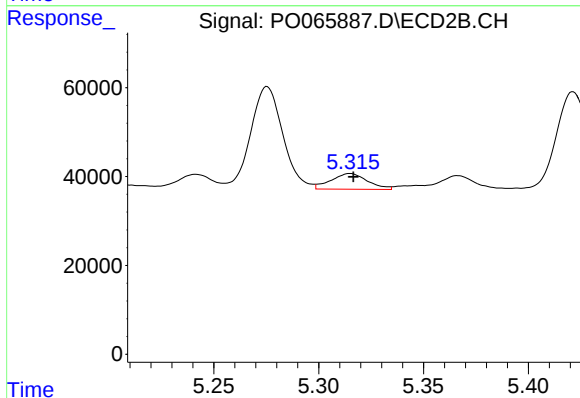
R.T.: 4.929 min
Delta R.T.: -0.001 min
Response: 279061
Conc: 218.68 ng/ml



#25 AR-1248-5

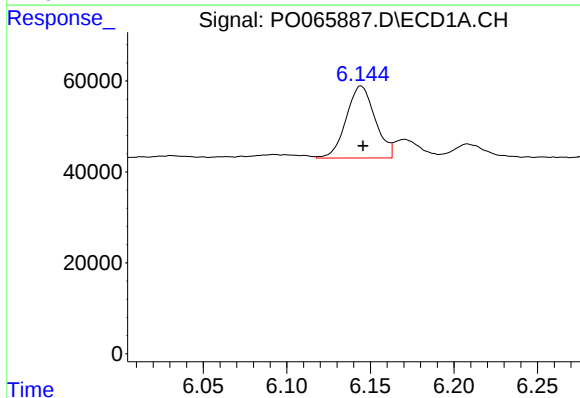
R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 42209
Conc: 32.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



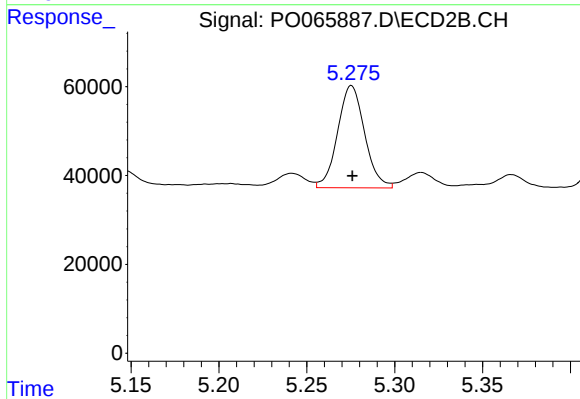
#25 AR-1248-5

R.T.: 5.315 min
Delta R.T.: -0.002 min
Response: 43121
Conc: 30.90 ng/ml



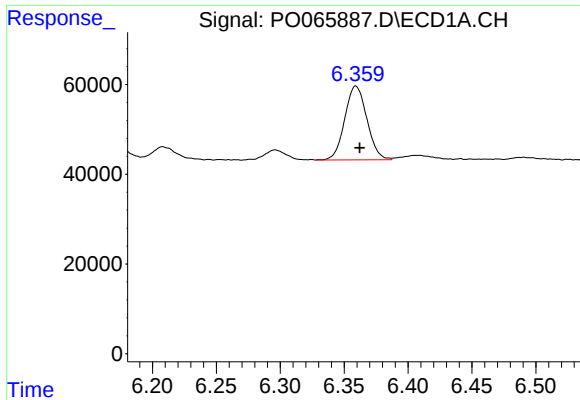
#26 AR-1254-1

R.T.: 6.144 min
Delta R.T.: -0.001 min
Response: 190557
Conc: 143.57 ng/ml



#26 AR-1254-1

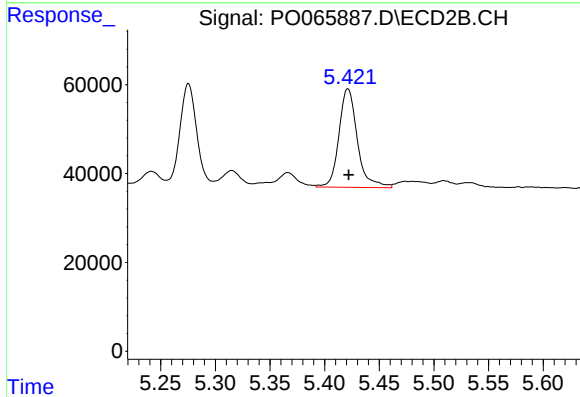
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 246101
Conc: 110.06 ng/ml



#27 AR-1254-2

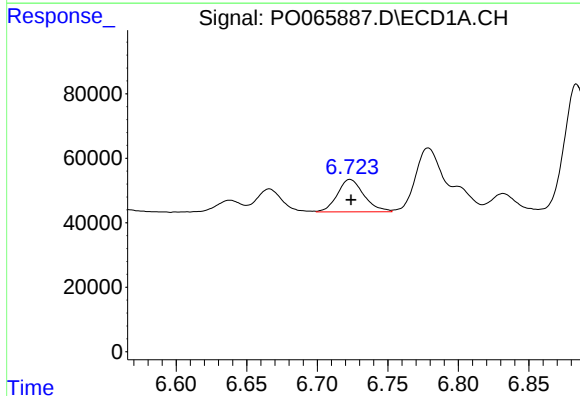
R.T.: 6.359 min
Delta R.T.: -0.003 min
Response: 198544
Conc: 91.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



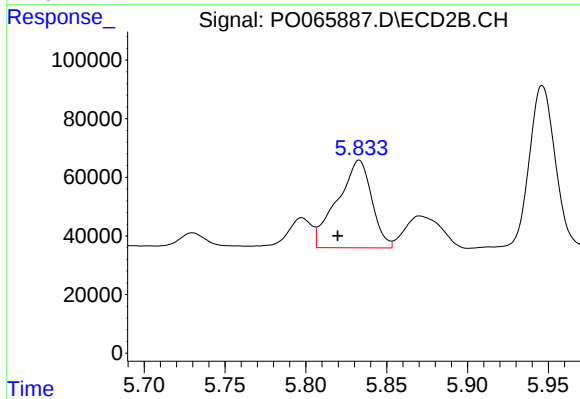
#27 AR-1254-2

R.T.: 5.421 min
Delta R.T.: 0.000 min
Response: 260787
Conc: 126.97 ng/ml



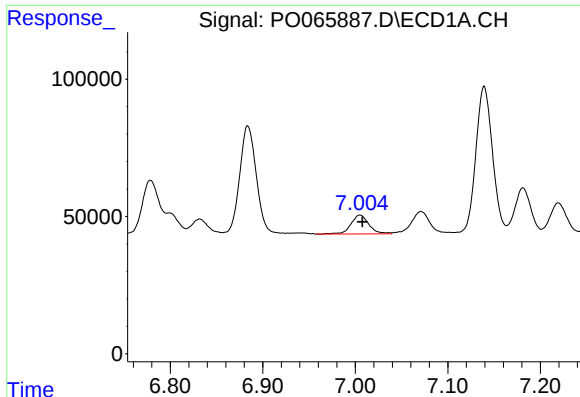
#28 AR-1254-3

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 132158
Conc: 54.35 ng/ml



#28 AR-1254-3

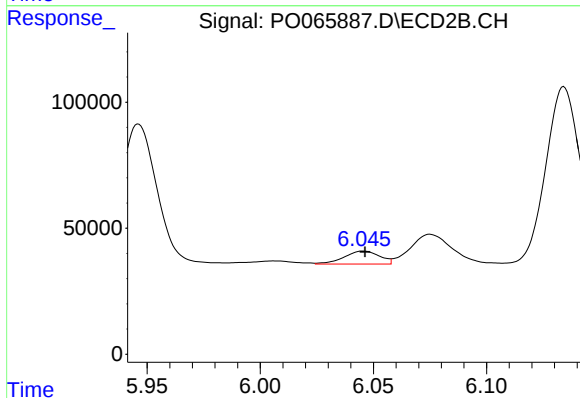
R.T.: 5.833 min
Delta R.T.: 0.013 min
Response: 442899
Conc: 130.61 ng/ml



#29 AR-1254-4

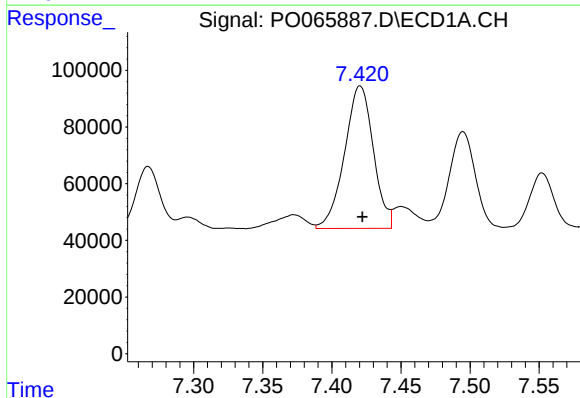
R.T.: 7.005 min
Delta R.T.: -0.003 min
Response: 93318
Conc: 44.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



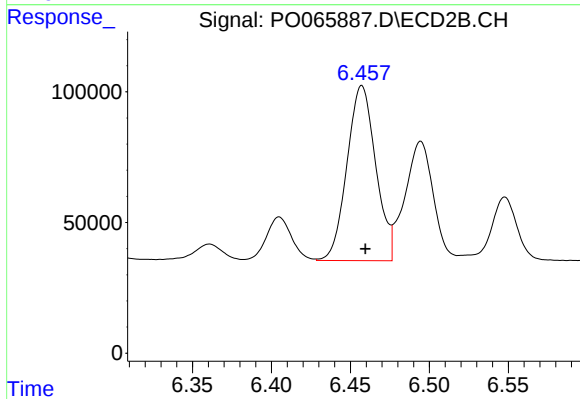
#29 AR-1254-4

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 56169
Conc: 24.52 ng/ml



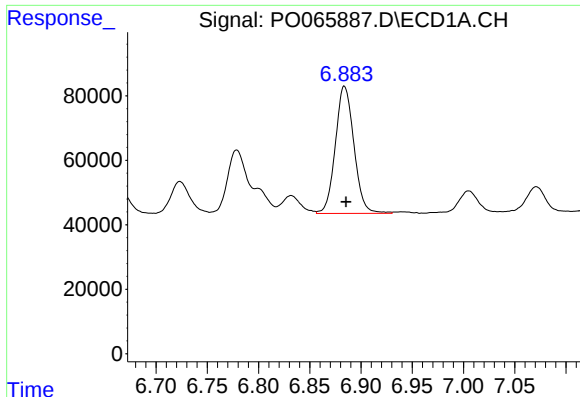
#30 AR-1254-5

R.T.: 7.420 min
Delta R.T.: -0.002 min
Response: 730129
Conc: 340.29 ng/ml



#30 AR-1254-5

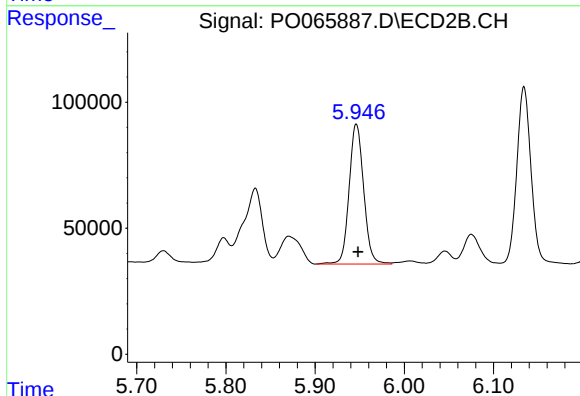
R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 848421
Conc: 262.36 ng/ml



#31 AR-1260-1

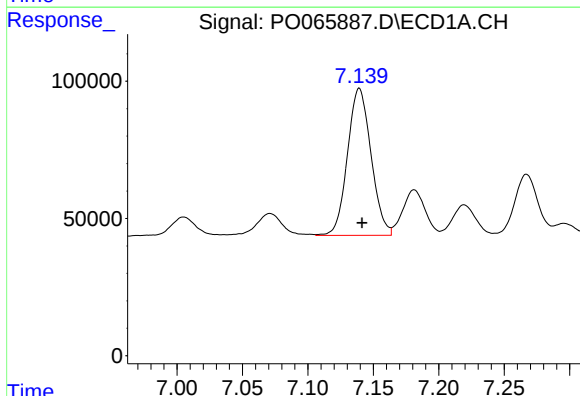
R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 497620
Conc: 256.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



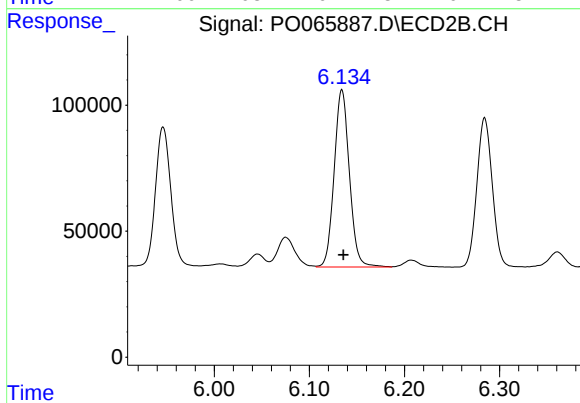
#31 AR-1260-1

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 629794
Conc: 260.00 ng/ml



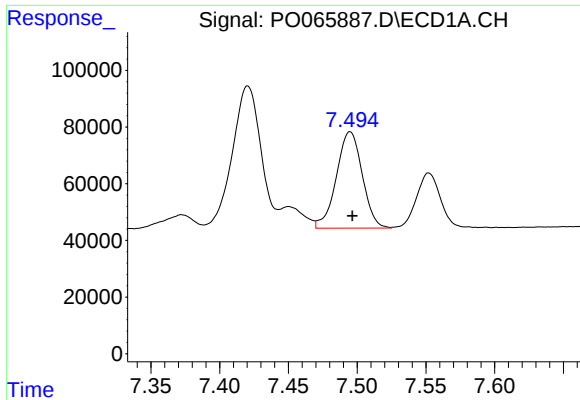
#32 AR-1260-2

R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 671229
Conc: 255.97 ng/ml



#32 AR-1260-2

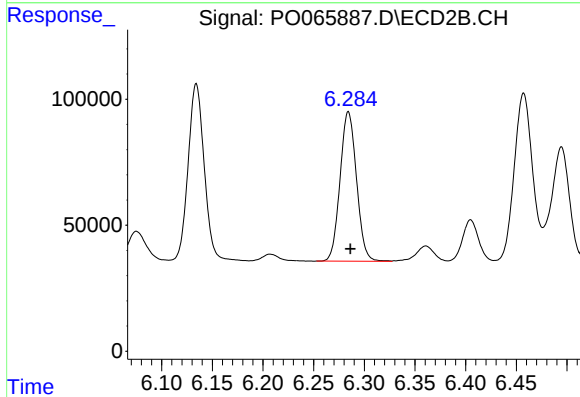
R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 782067
Conc: 246.81 ng/ml



#33 AR-1260-3

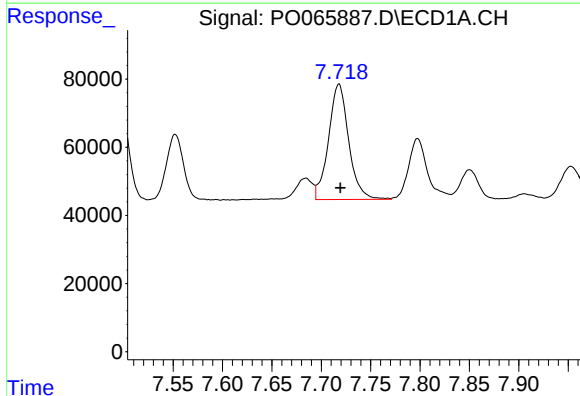
R.T.: 7.495 min
Delta R.T.: -0.002 min
Response: 445435
Conc: 204.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



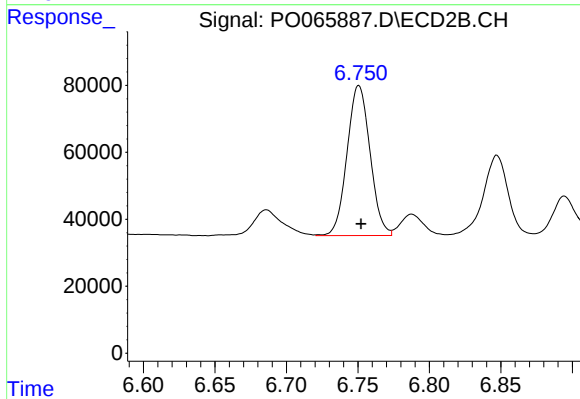
#33 AR-1260-3

R.T.: 6.284 min
Delta R.T.: -0.002 min
Response: 670915
Conc: 242.63 ng/ml



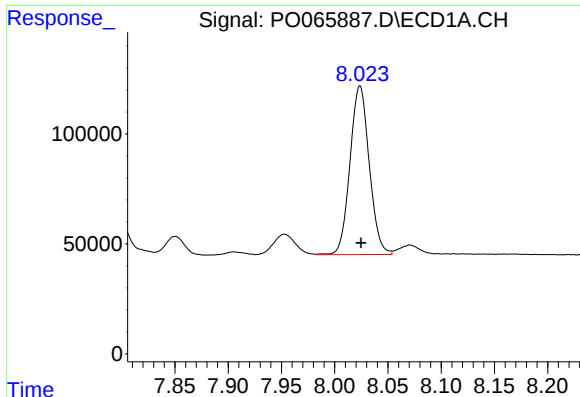
#34 AR-1260-4

R.T.: 7.718 min
Delta R.T.: -0.002 min
Response: 482503
Conc: 217.67 ng/ml



#34 AR-1260-4

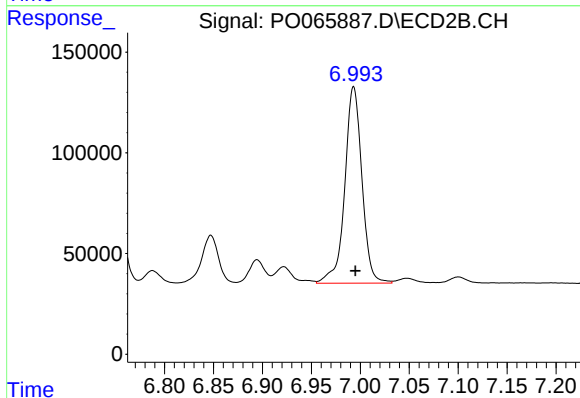
R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 501770
Conc: 203.31 ng/ml



#35 AR-1260-5

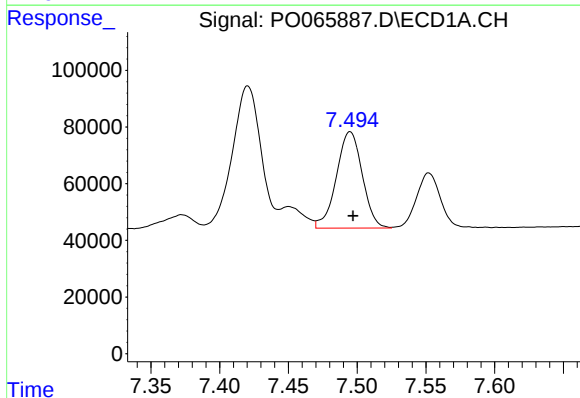
R.T.: 8.024 min
Delta R.T.: -0.001 min
Response: 965991
Conc: 199.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



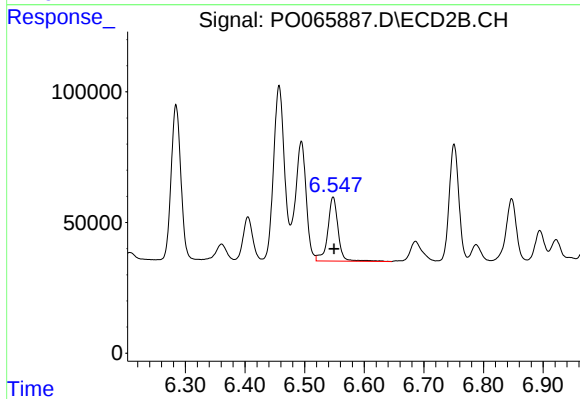
#35 AR-1260-5

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 1191389
Conc: 195.98 ng/ml



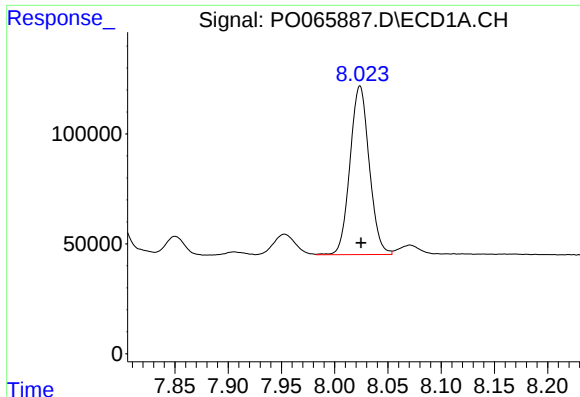
#36 AR-1262-1

R.T.: 7.495 min
Delta R.T.: -0.002 min
Response: 445435
Conc: 149.89 ng/ml



#36 AR-1262-1

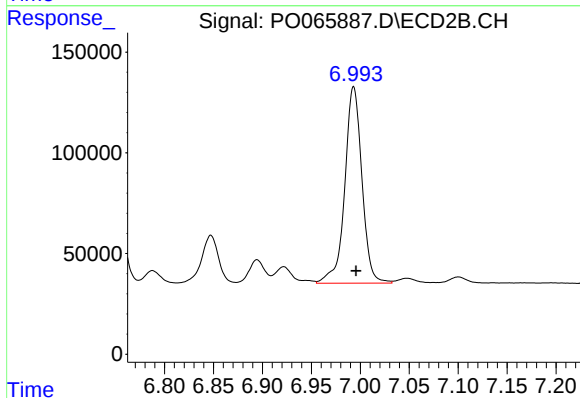
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 295812
Conc: 213.76 ng/ml



#37 AR-1262-2

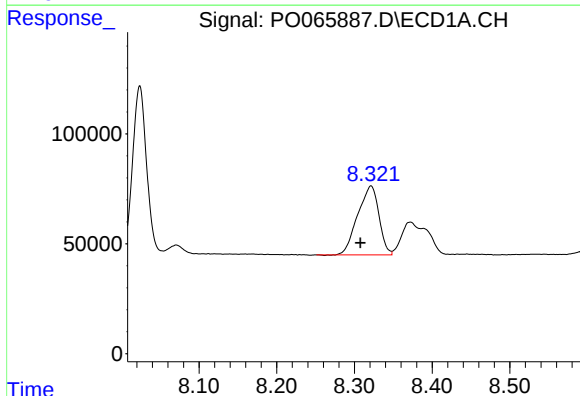
R.T.: 8.024 min
Delta R.T.: -0.001 min
Response: 965991
Conc: 187.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



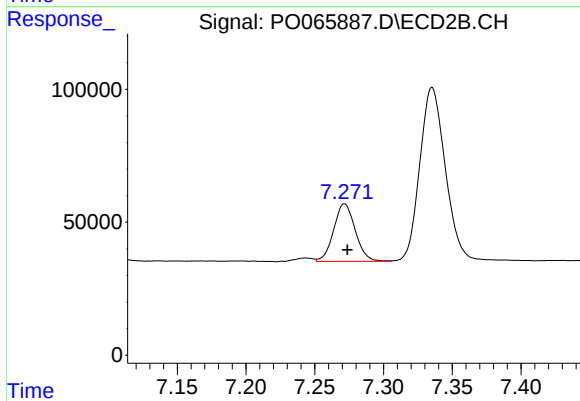
#37 AR-1262-2

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 1191389
Conc: 188.43 ng/ml



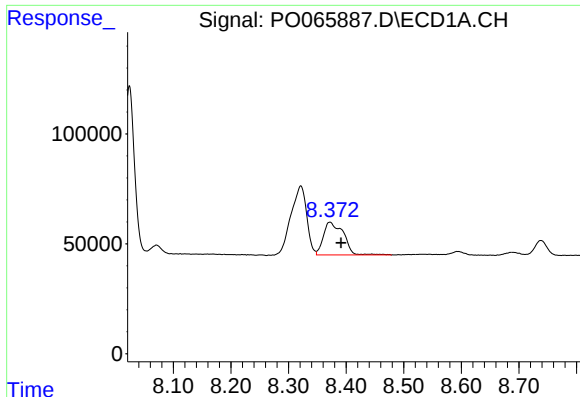
#38 AR-1262-3

R.T.: 8.321 min
Delta R.T.: 0.014 min
Response: 593923
Conc: 169.18 ng/ml



#38 AR-1262-3

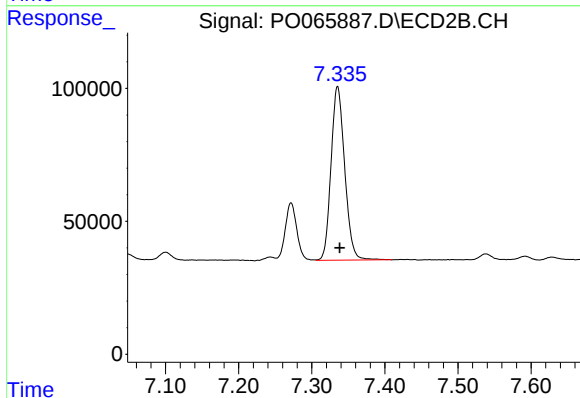
R.T.: 7.272 min
Delta R.T.: -0.002 min
Response: 237580
Conc: 92.77 ng/ml



#39 AR-1262-4

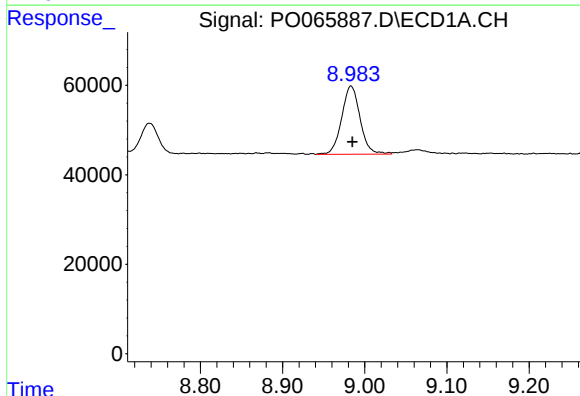
R.T.: 8.372 min
Delta R.T.: -0.019 min
Response: 360132
Conc: 131.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



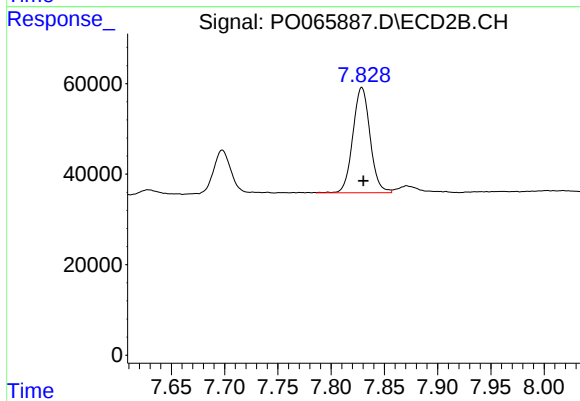
#39 AR-1262-4

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 848358
Conc: 180.40 ng/ml



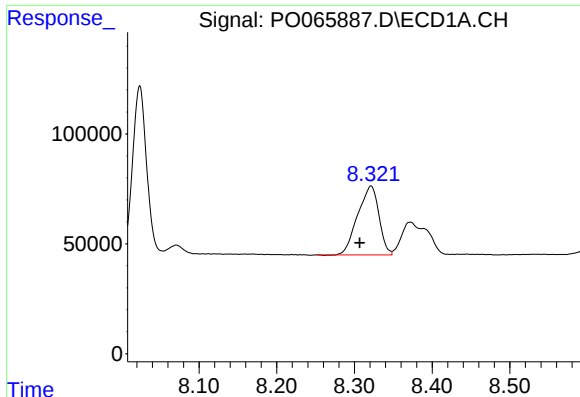
#40 AR-1262-5

R.T.: 8.983 min
Delta R.T.: -0.002 min
Response: 237355
Conc: 125.86 ng/ml



#40 AR-1262-5

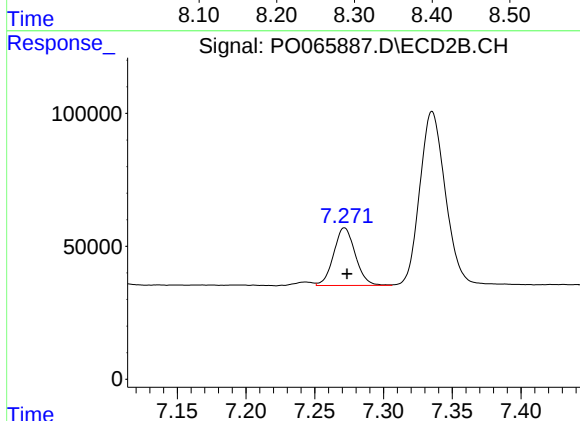
R.T.: 7.829 min
Delta R.T.: -0.002 min
Response: 262171
Conc: 124.68 ng/ml



#41 AR-1268-1

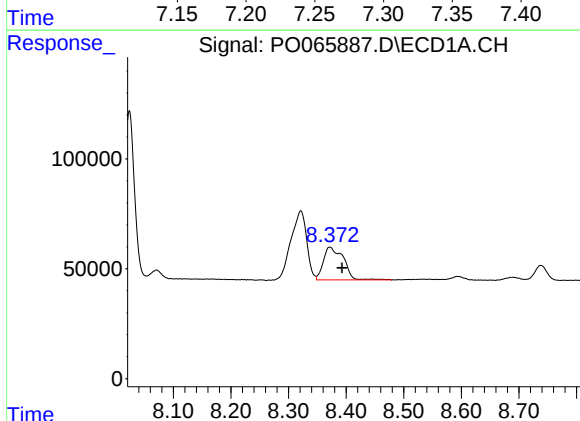
R.T.: 8.321 min
Delta R.T.: 0.014 min
Response: 593923
Conc: 90.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



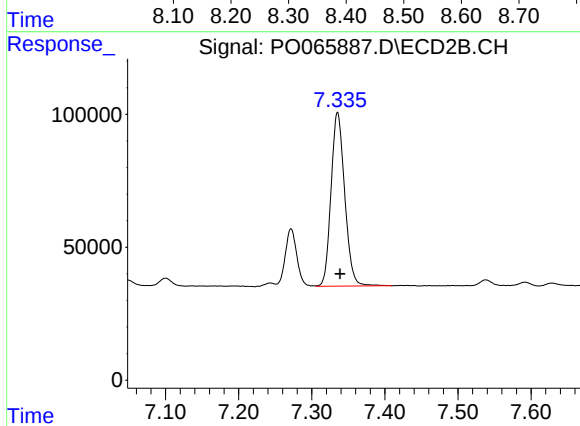
#41 AR-1268-1

R.T.: 7.272 min
Delta R.T.: -0.002 min
Response: 237580
Conc: 30.50 ng/ml



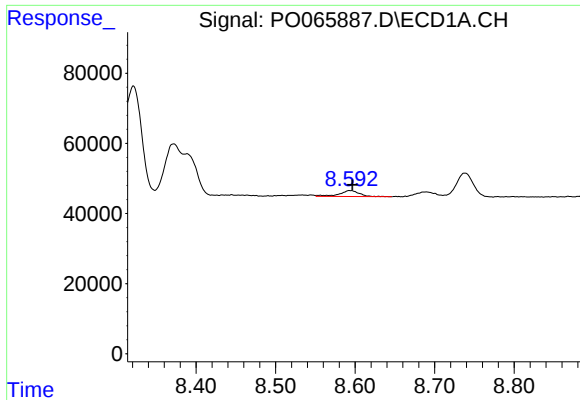
#42 AR-1268-2

R.T.: 8.372 min
Delta R.T.: -0.021 min
Response: 360132
Conc: 61.04 ng/ml



#42 AR-1268-2

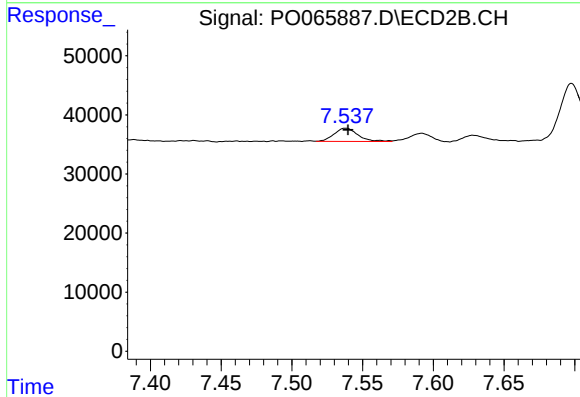
R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 848358
Conc: 117.13 ng/ml



#43 AR-1268-3

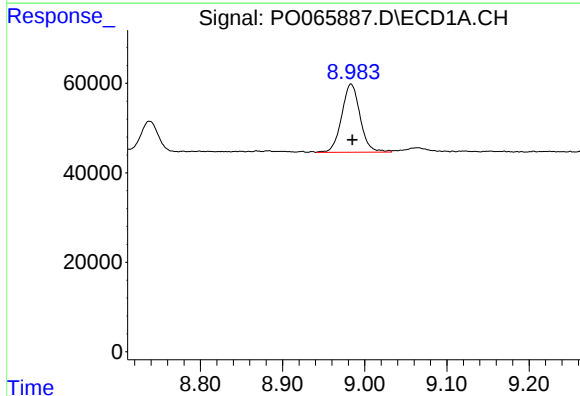
R.T.: 8.594 min
Delta R.T.: -0.003 min
Response: 30434
Conc: 6.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



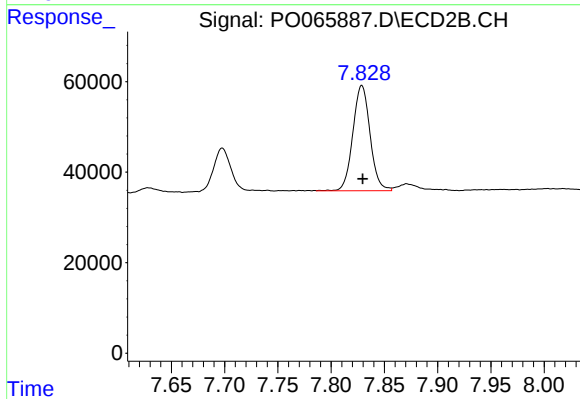
#43 AR-1268-3

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 26236
Conc: 4.38 ng/ml



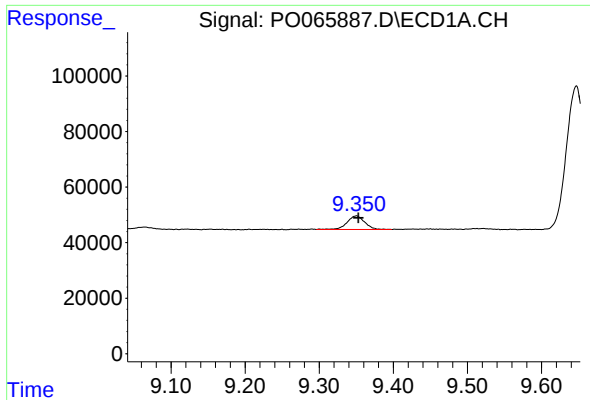
#44 AR-1268-4

R.T.: 8.983 min
Delta R.T.: -0.001 min
Response: 237355
Conc: 112.02 ng/ml



#44 AR-1268-4

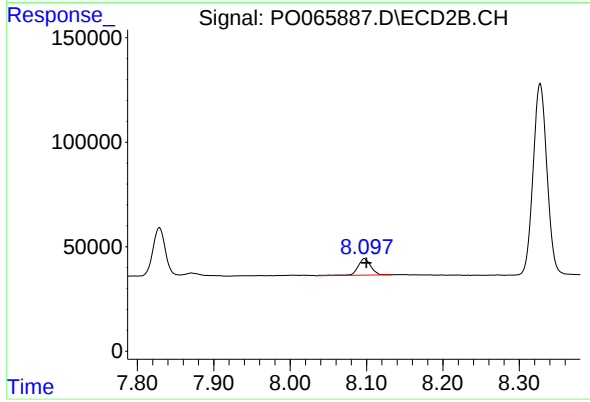
R.T.: 7.829 min
Delta R.T.: 0.000 min
Response: 262171
Conc: 107.47 ng/ml



#45 AR-1268-5

R.T.: 9.350 min
Delta R.T.: -0.003 min
Response: 80814
Conc: 5.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.097 min
Delta R.T.: -0.002 min
Response: 92358
Conc: 5.11 ng/ml