

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121120\
 Data File : PO073734.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Dec 2020 9:40
 Operator : DD\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: Dec 14 00:36:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 11 03:58:06 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...	4.938	3.998	4849049	2784310	53.037	51.911
2)	SA Decachlor...	10.963	9.263	4033021	2312663	48.802	49.426
Target Compounds							
3)	L1 AR-1016-1	6.262	5.247	91744	12624	26.110	5.779 #
4)	L1 AR-1016-2	6.287	5.247f	88866	12624	18.181	4.172 #
5)	L1 AR-1016-3	6.351	0.000	26318	0	8.935	N.D. #
6)	L1 AR-1016-4	6.458	5.509	23417	654250	9.501	496.130 #
7)	L1 AR-1016-5	6.776	5.735	582388	385399	245.290	235.204
9)	L2 AR-1221-2	5.291	4.347	95506	36104	121.587	70.217 #
10)	L2 AR-1221-3	5.377	0.000	19051	0	7.831	N.D. #
11)	L3 AR-1232-1	5.377	0.000	19051	0	9.239	N.D. #
12)	L3 AR-1232-2	5.964	5.247f	37514	12624	35.085	9.500 #
13)	L3 AR-1232-3	6.287	0.000	88866	0	41.411	N.D. #
14)	L3 AR-1232-4	6.458	5.552	23417	178399	21.988	292.275 #
15)	L3 AR-1232-5	6.557	5.735	1019944	385399	1424.530	576.667 #
16)	L4 AR-1242-1	6.262	5.247	91744	12624	32.370	7.177 #
17)	L4 AR-1242-2	6.287	5.247f	88866	12624	22.817	5.162 #
18)	L4 AR-1242-3	6.351	0.000	26318	0	11.095	N.D. #
19)	L4 AR-1242-4	6.458	5.552	23417	178399	11.880	142.547 #
20)	L4 AR-1242-5	7.247	6.113	595075	1696260	272.491	995.111 #
21)	L5 AR-1248-1	6.262	5.247	91744	12624	42.222	9.220 #
22)	L5 AR-1248-2	6.557	5.509	1019944	654250	364.978	352.618
23)	L5 AR-1248-3	6.776	5.552	582388	178399	177.829	95.087 #
24)	L5 AR-1248-4	7.206	5.735	973078	385399	243.319	171.225 #
25)	L5 AR-1248-5	7.247	6.156	595075	227243	157.354	97.804 #
26)	L6 AR-1254-1	7.175	6.113	1783182	1696260	469.779	479.975
27)	L6 AR-1254-2	7.406	6.271	2819057	1452295	478.146	465.179
28)	L6 AR-1254-3	7.789	6.689	2731236	2230625	445.757	455.602
29)	L6 AR-1254-4	8.085	6.927	2313290	1607651	440.963	458.405
30)	L6 AR-1254-5	8.515	7.354	2273685	2007315	441.447	455.212
31)	L7 AR-1260-1	7.956	6.826	1131133	1104590	267.633	357.323 #
32)	L7 AR-1260-2	8.221	7.022	1371184	1008500	244.078	248.612
33)	L7 AR-1260-3	8.578	7.173	264529	898943	57.870	257.554 #
34)	L7 AR-1260-4	8.813	7.655	881769	96312	186.247	31.894 #
35)	L7 AR-1260-5	9.146	7.901	356215	191436	35.694	25.627 #
36)	L8 AR-1262-1	8.578	7.354	264529	2007315	35.336	802.990 #
37)	L8 AR-1262-2	9.146	7.901	356215	191436	27.773	21.763
38)	L8 AR-1262-3	9.480f	0.000	286693	0	33.793	N.D. #
39)	L8 AR-1262-4	9.530f	8.245	73053	218904	21.842	35.576 #
41)	L9 AR-1268-1	9.480f	0.000	286693	0	20.128	N.D. #
42)	L9 AR-1268-2	9.530f	8.245	73053	218904	5.926	26.571 #
43)	L9 AR-1268-3	9.777	0.000	32189	0	2.966	N.D. #

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 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	
45) L9	AR-1268-5	10.627	0.000	18534	0	0.566	N.D.	#

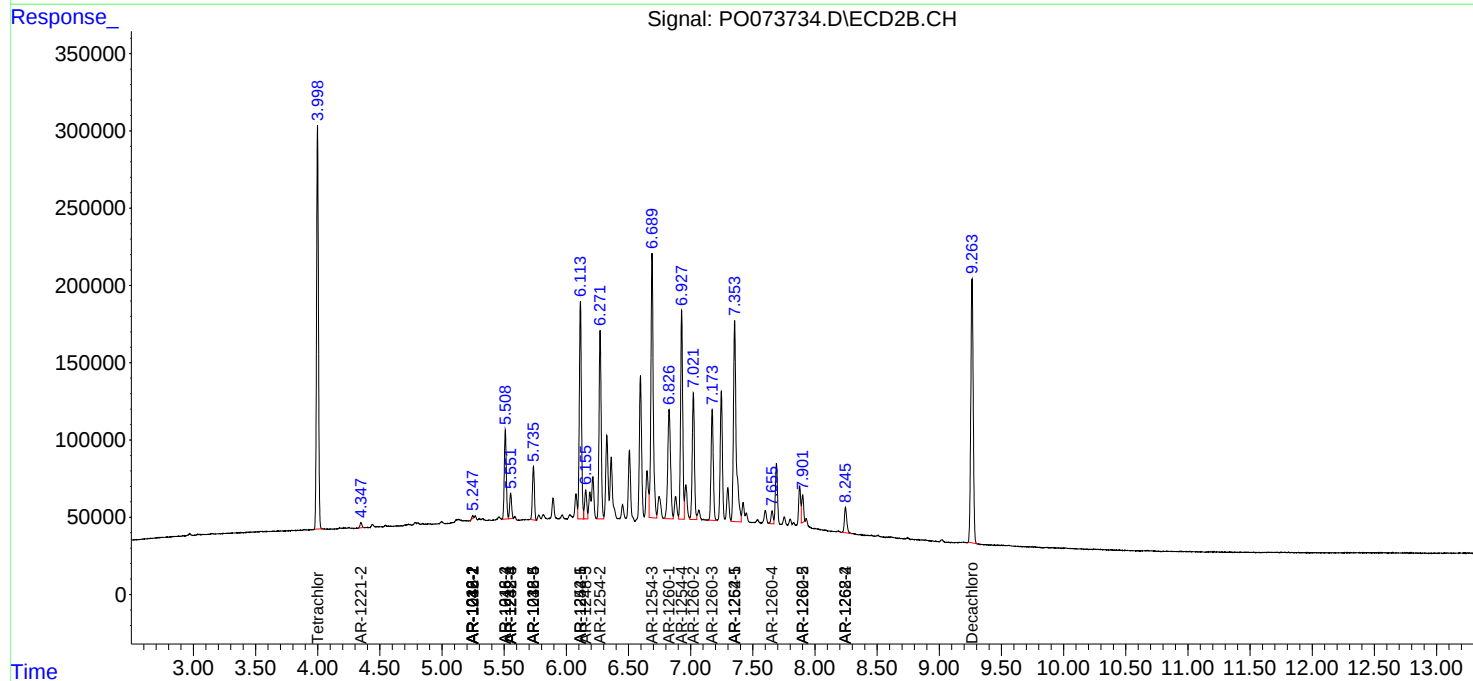
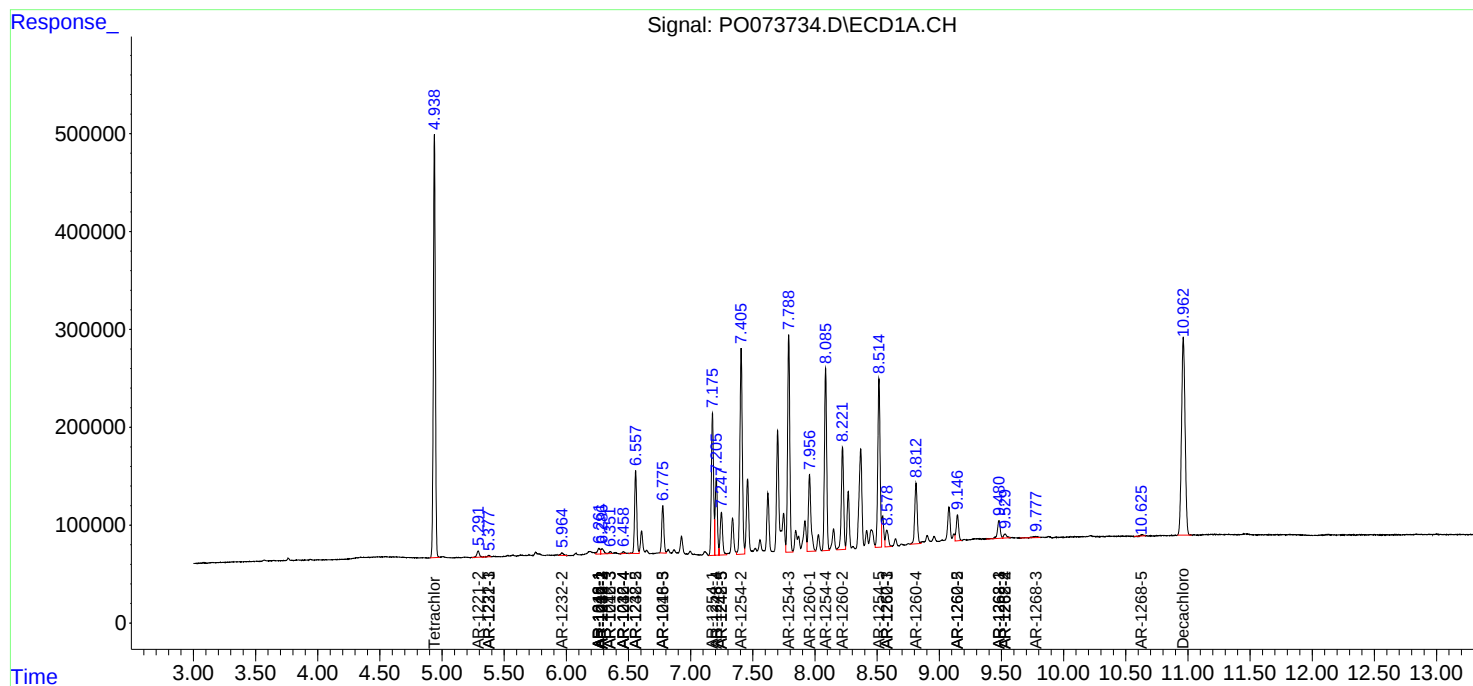
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

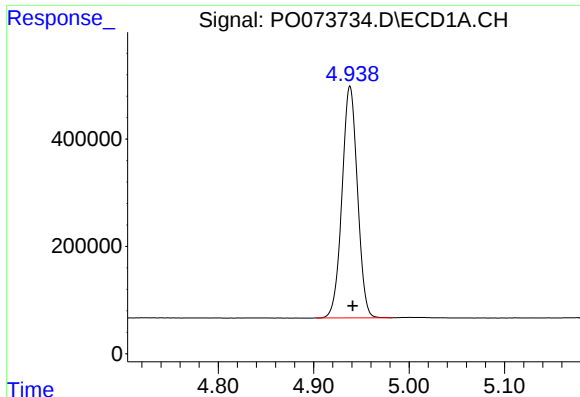
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

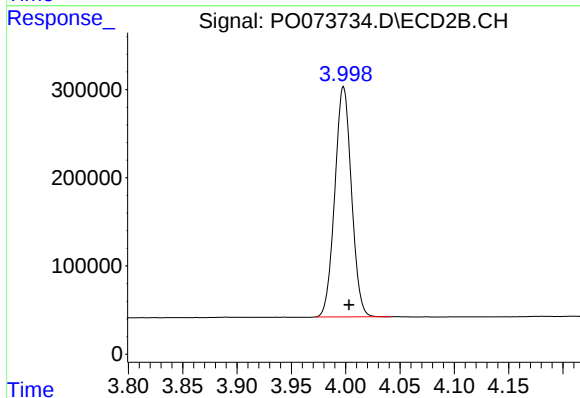




#1 Tetrachloro-m-xylene

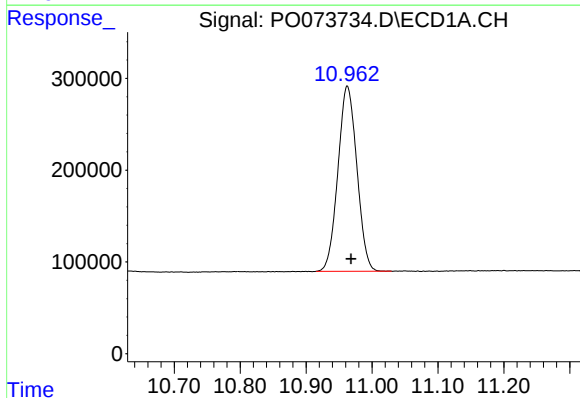
R.T.: 4.938 min
Delta R.T.: -0.003 min
Response: 4849049
Conc: 53.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



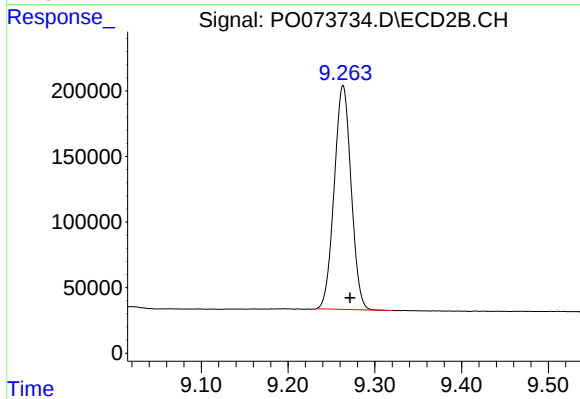
#1 Tetrachloro-m-xylene

R.T.: 3.998 min
Delta R.T.: -0.005 min
Response: 2784310
Conc: 51.91 ng/ml



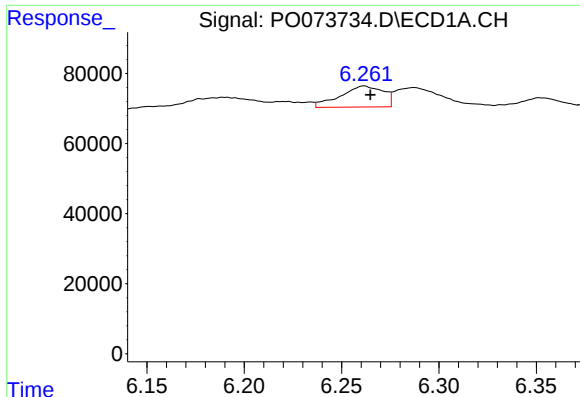
#2 Decachlorobiphenyl

R.T.: 10.963 min
Delta R.T.: -0.006 min
Response: 4033021
Conc: 48.80 ng/ml



#2 Decachlorobiphenyl

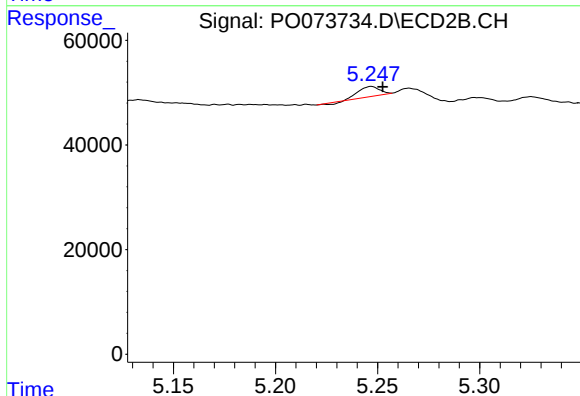
R.T.: 9.263 min
Delta R.T.: -0.008 min
Response: 2312663
Conc: 49.43 ng/ml



#3 AR-1016-1

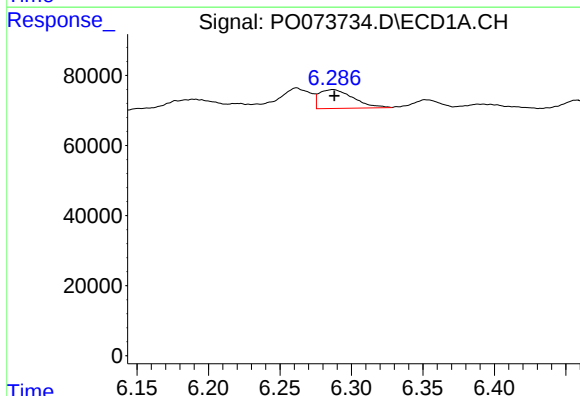
R.T.: 6.262 min
Delta R.T.: -0.003 min
Response: 91744
Conc: 26.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



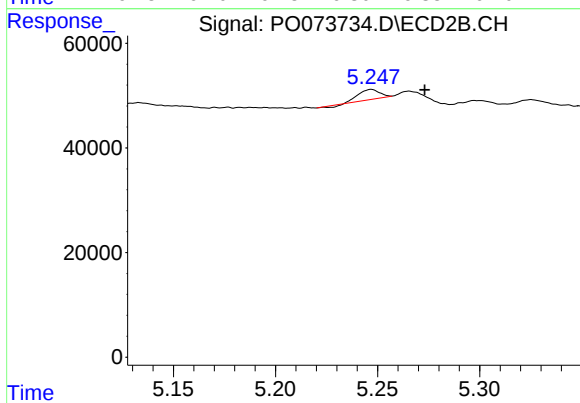
#3 AR-1016-1

R.T.: 5.247 min
Delta R.T.: -0.005 min
Response: 12624
Conc: 5.78 ng/ml



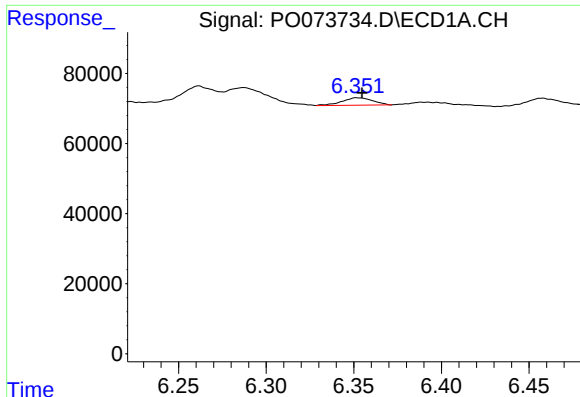
#4 AR-1016-2

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 88866
Conc: 18.18 ng/ml



#4 AR-1016-2

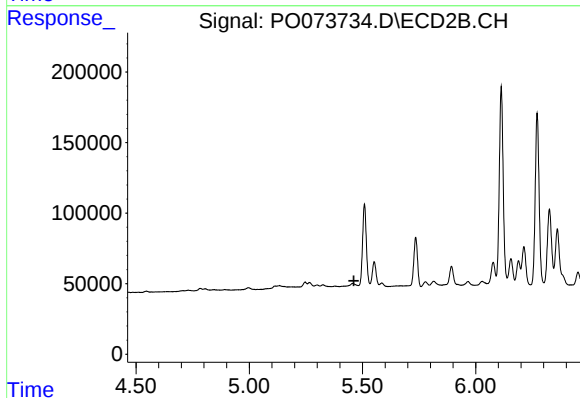
R.T.: 5.247 min
Delta R.T.: -0.026 min
Response: 12624
Conc: 4.17 ng/ml



#5 AR-1016-3

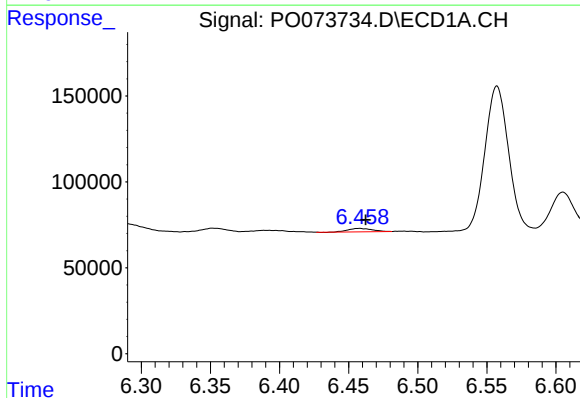
R.T.: 6.351 min
Delta R.T.: -0.003 min
Response: 26318
Conc: 8.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



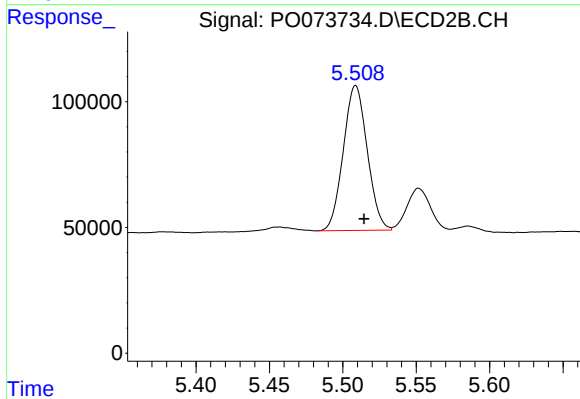
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.462 min
Response: 0
Conc: N.D.



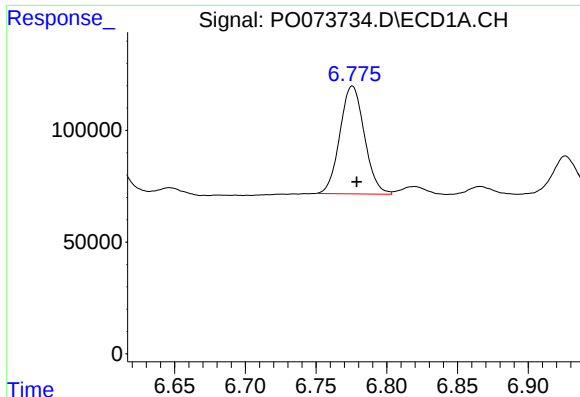
#6 AR-1016-4

R.T.: 6.458 min
Delta R.T.: -0.004 min
Response: 23417
Conc: 9.50 ng/ml



#6 AR-1016-4

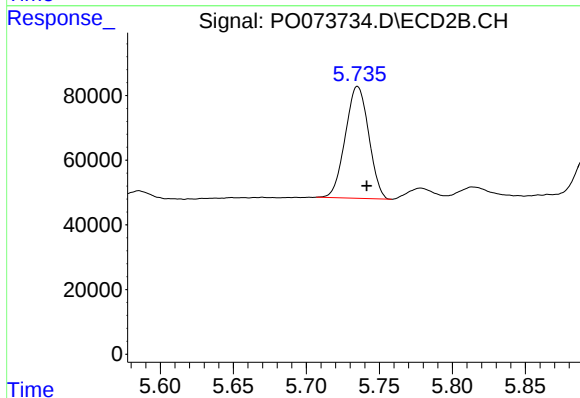
R.T.: 5.509 min
Delta R.T.: -0.006 min
Response: 654250
Conc: 496.13 ng/ml



#7 AR-1016-5

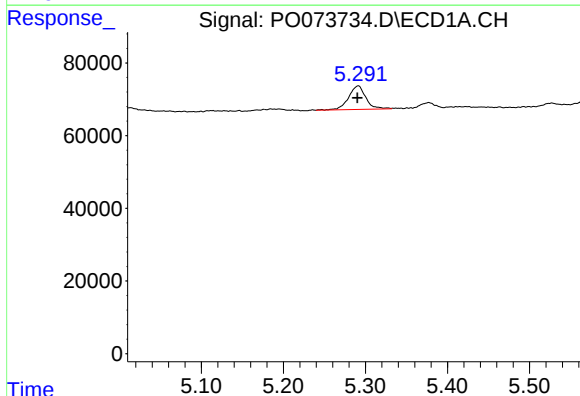
R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 582388
Conc: 245.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



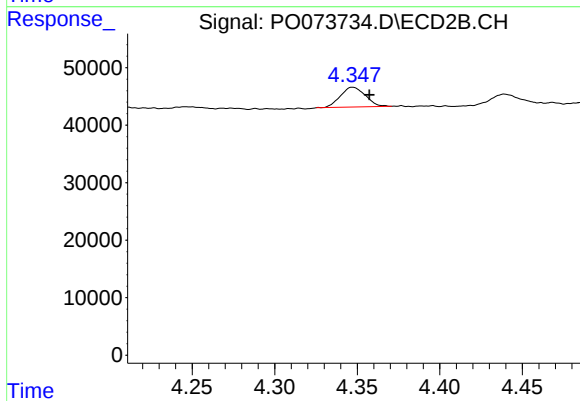
#7 AR-1016-5

R.T.: 5.735 min
Delta R.T.: -0.006 min
Response: 385399
Conc: 235.20 ng/ml



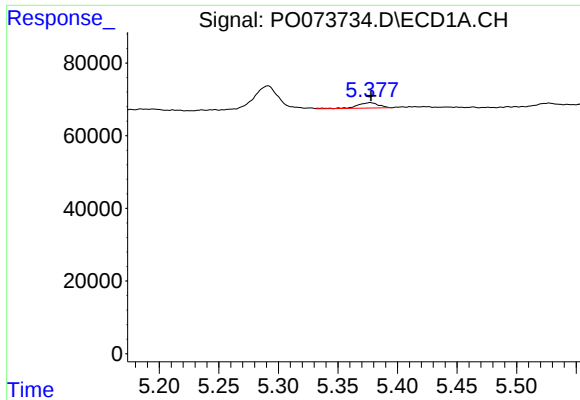
#9 AR-1221-2

R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 95506
Conc: 121.59 ng/ml



#9 AR-1221-2

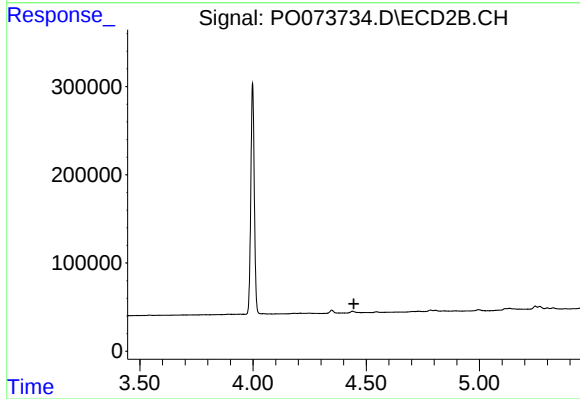
R.T.: 4.347 min
Delta R.T.: -0.010 min
Response: 36104
Conc: 70.22 ng/ml



#10 AR-1221-3

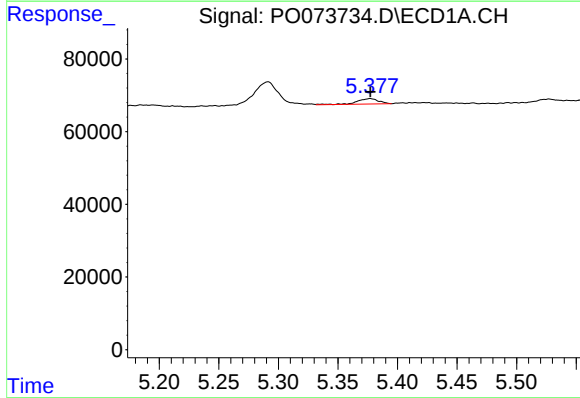
R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 19051
Conc: 7.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



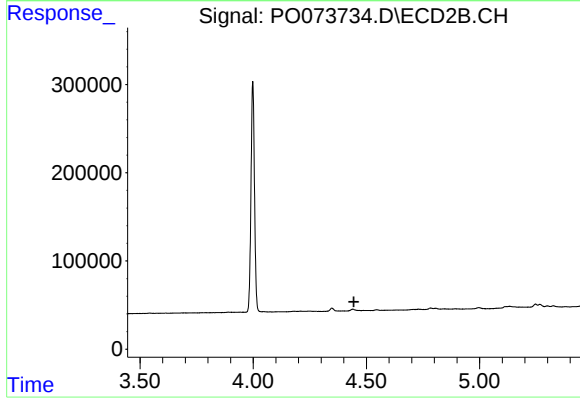
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.445 min
Response: 0
Conc: N.D.



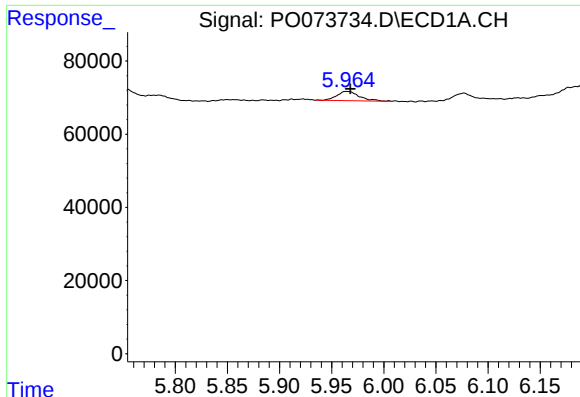
#11 AR-1232-1

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 19051
Conc: 9.24 ng/ml



#11 AR-1232-1

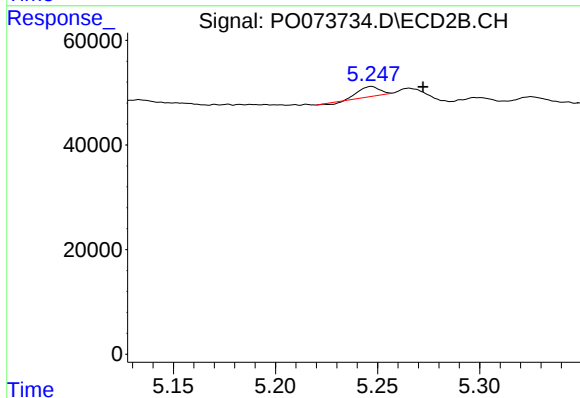
R.T.: 0.000 min
Exp R.T. : 4.445 min
Response: 0
Conc: N.D.



#12 AR-1232-2

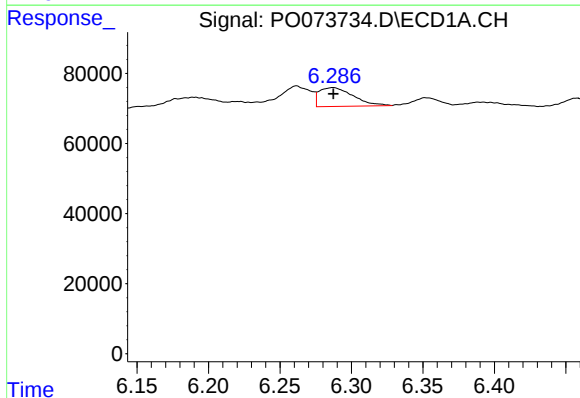
R.T.: 5.964 min
Delta R.T.: -0.004 min
Response: 37514
Conc: 35.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



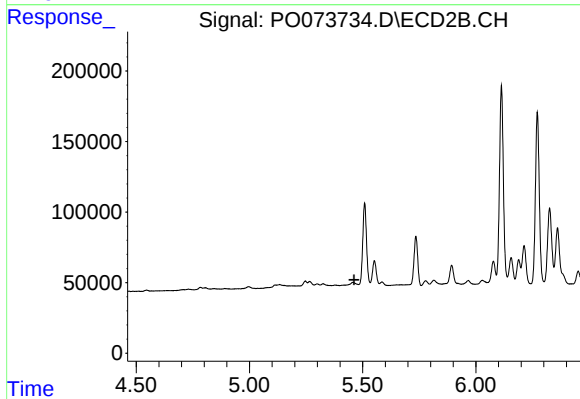
#12 AR-1232-2

R.T.: 5.247 min
Delta R.T.: -0.025 min
Response: 12624
Conc: 9.50 ng/ml



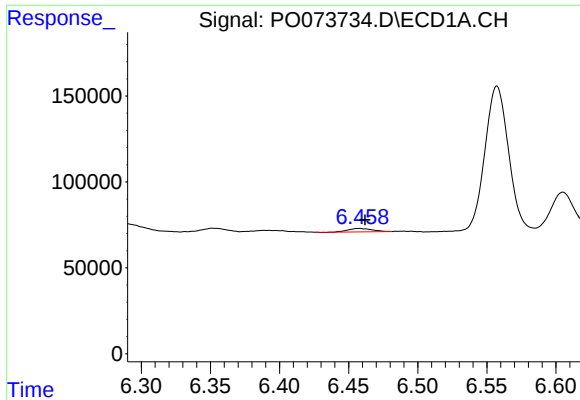
#13 AR-1232-3

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 88866
Conc: 41.41 ng/ml



#13 AR-1232-3

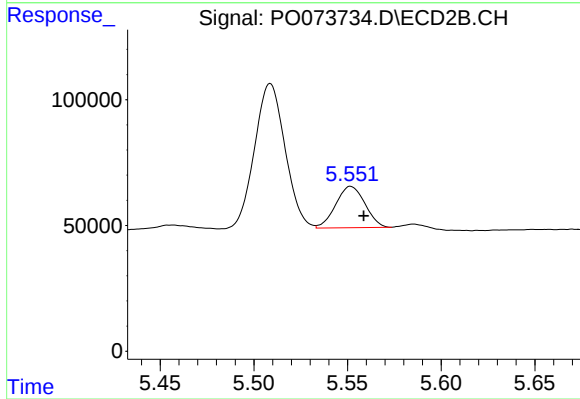
R.T.: 0.000 min
Exp R.T.: 5.462 min
Response: 0
Conc: N.D.



#14 AR-1232-4

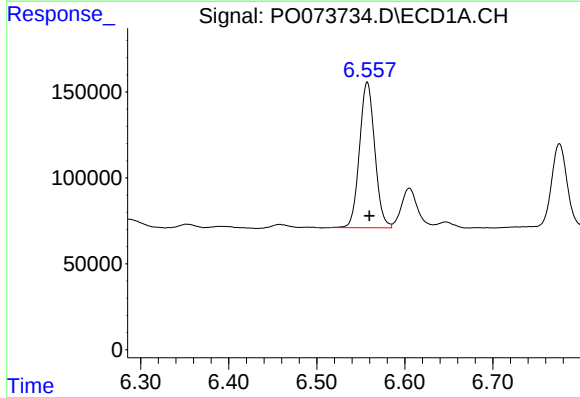
R.T.: 6.458 min
Delta R.T.: -0.004 min
Response: 23417
Conc: 21.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



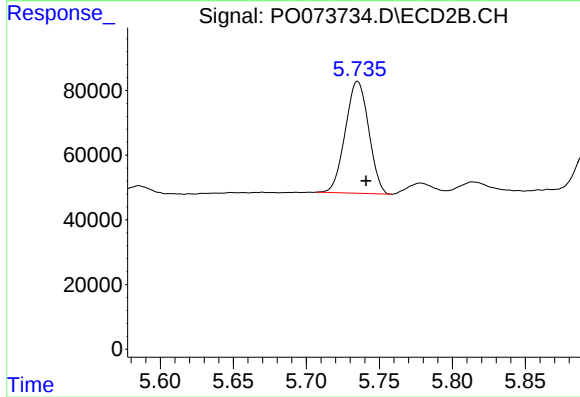
#14 AR-1232-4

R.T.: 5.552 min
Delta R.T.: -0.007 min
Response: 178399
Conc: 292.27 ng/ml



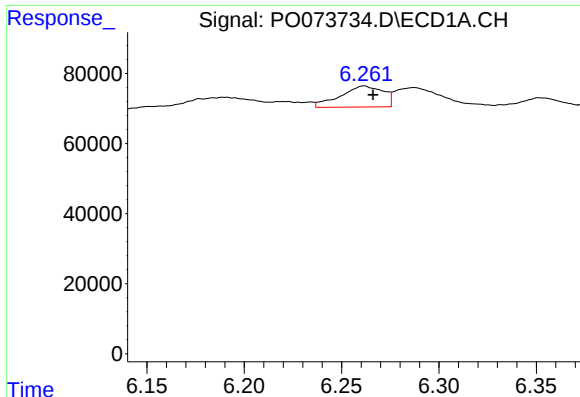
#15 AR-1232-5

R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 1019944
Conc: 1424.53 ng/ml



#15 AR-1232-5

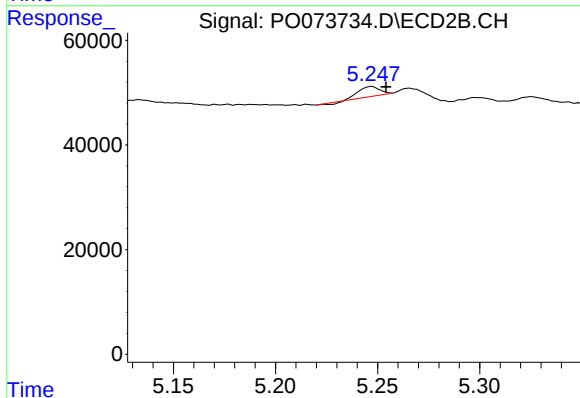
R.T.: 5.735 min
Delta R.T.: -0.006 min
Response: 385399
Conc: 576.67 ng/ml



#16 AR-1242-1

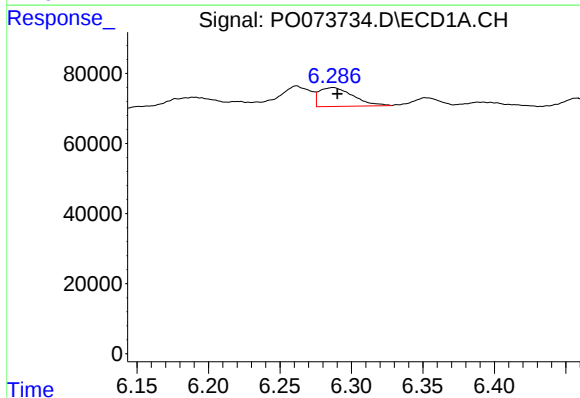
R.T.: 6.262 min
Delta R.T.: -0.005 min
Response: 91744
Conc: 32.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



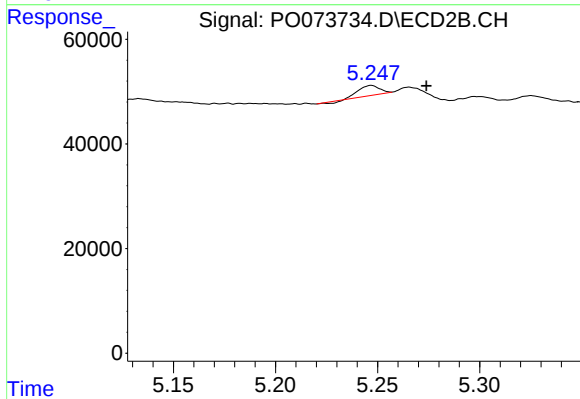
#16 AR-1242-1

R.T.: 5.247 min
Delta R.T.: -0.007 min
Response: 12624
Conc: 7.18 ng/ml



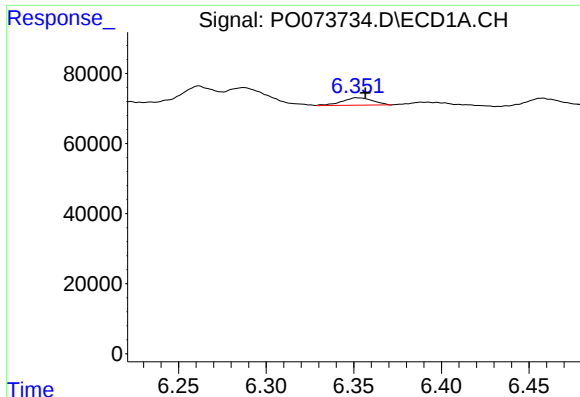
#17 AR-1242-2

R.T.: 6.287 min
Delta R.T.: -0.003 min
Response: 88866
Conc: 22.82 ng/ml



#17 AR-1242-2

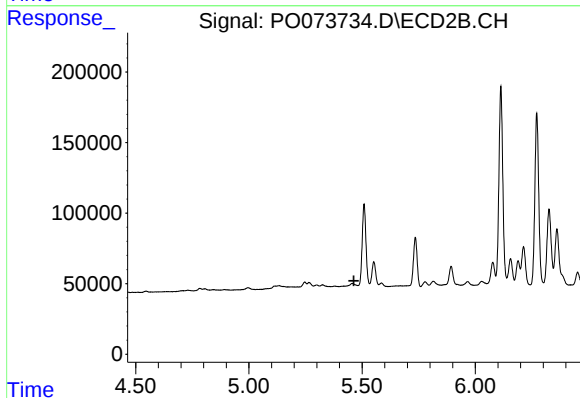
R.T.: 5.247 min
Delta R.T.: -0.027 min
Response: 12624
Conc: 5.16 ng/ml



#18 AR-1242-3

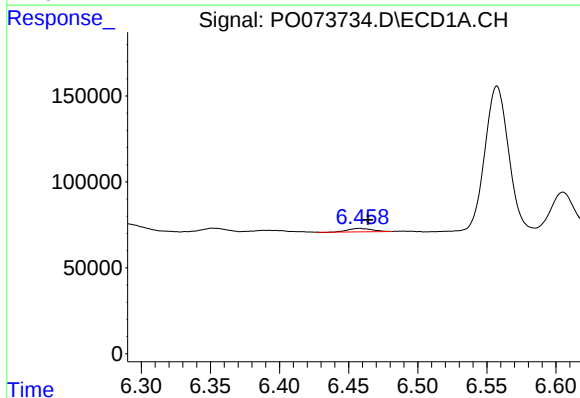
R.T.: 6.351 min
Delta R.T.: -0.005 min
Response: 26318
Conc: 11.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



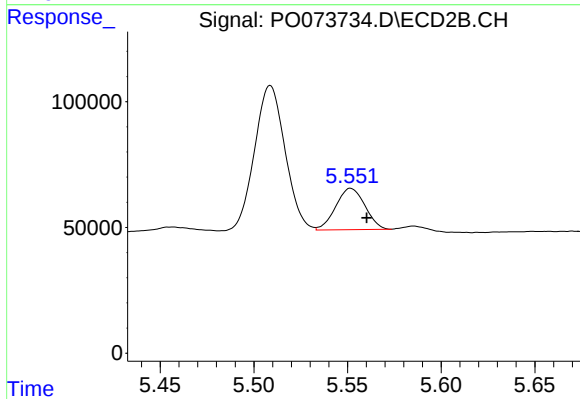
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.464 min
Response: 0
Conc: N.D.



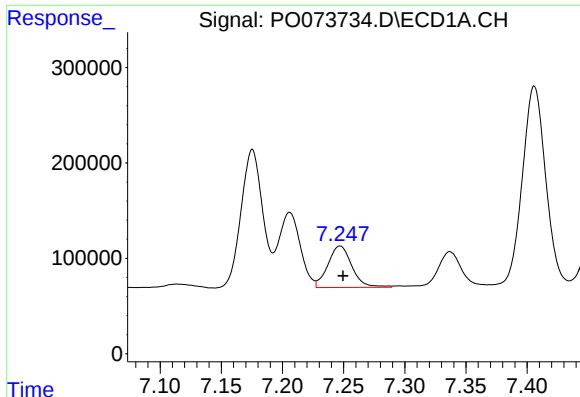
#19 AR-1242-4

R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 23417
Conc: 11.88 ng/ml



#19 AR-1242-4

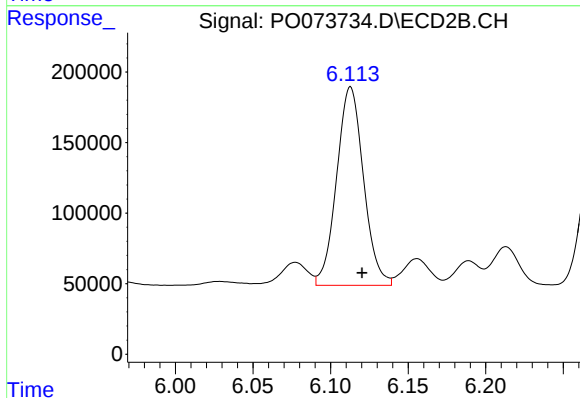
R.T.: 5.552 min
Delta R.T.: -0.009 min
Response: 178399
Conc: 142.55 ng/ml



#20 AR-1242-5

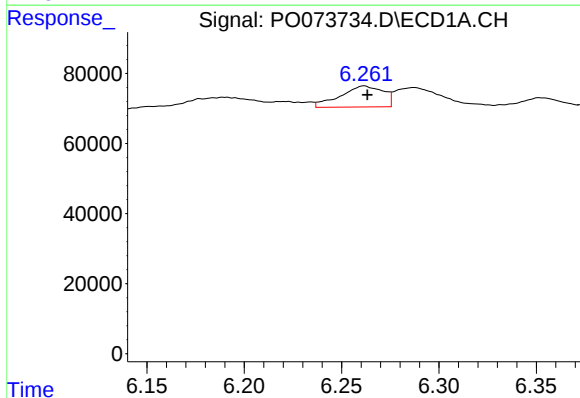
R.T.: 7.247 min
Delta R.T.: -0.002 min
Response: 595075
Conc: 272.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



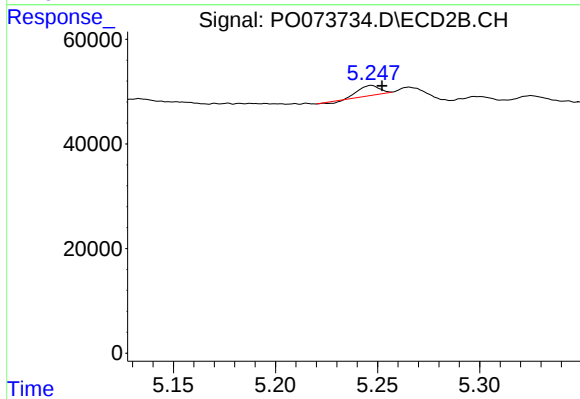
#20 AR-1242-5

R.T.: 6.113 min
Delta R.T.: -0.007 min
Response: 1696260
Conc: 995.11 ng/ml



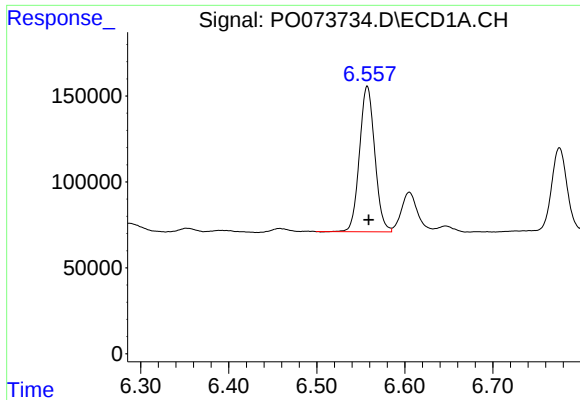
#21 AR-1248-1

R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 91744
Conc: 42.22 ng/ml



#21 AR-1248-1

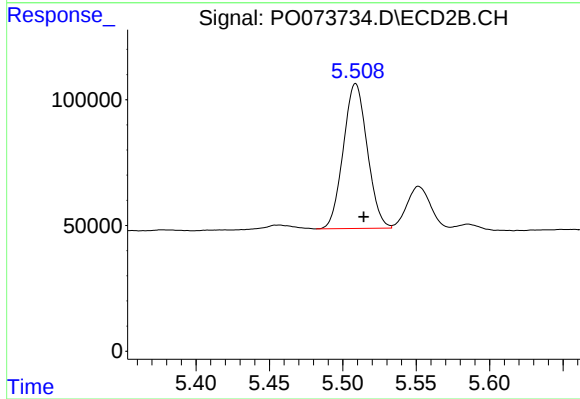
R.T.: 5.247 min
Delta R.T.: -0.005 min
Response: 12624
Conc: 9.22 ng/ml



#22 AR-1248-2

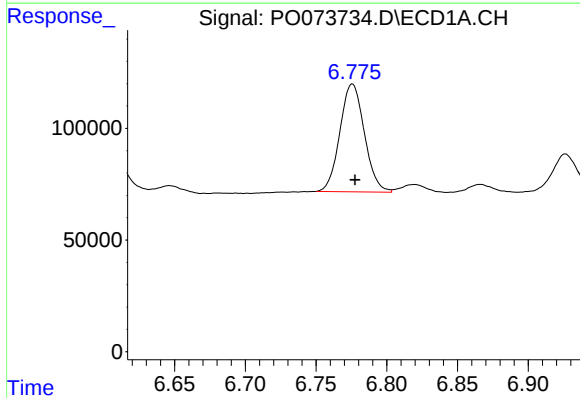
R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 1019944
Conc: 364.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



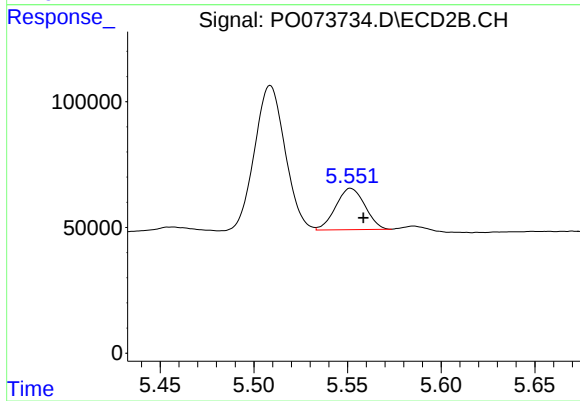
#22 AR-1248-2

R.T.: 5.509 min
Delta R.T.: -0.005 min
Response: 654250
Conc: 352.62 ng/ml



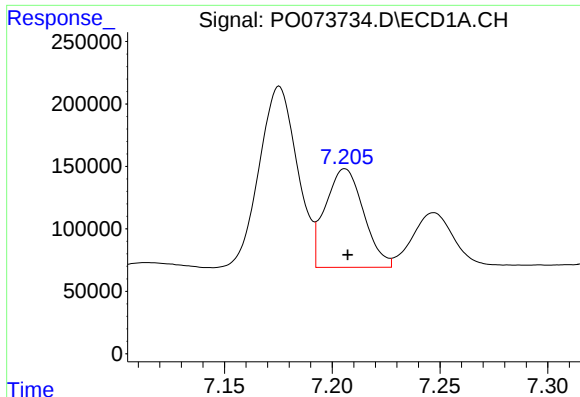
#23 AR-1248-3

R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 582388
Conc: 177.83 ng/ml



#23 AR-1248-3

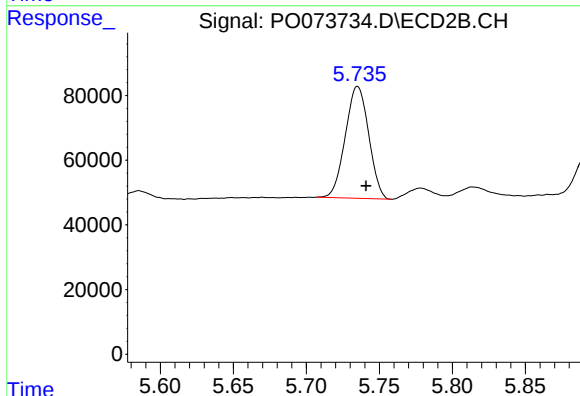
R.T.: 5.552 min
Delta R.T.: -0.007 min
Response: 178399
Conc: 95.09 ng/ml



#24 AR-1248-4

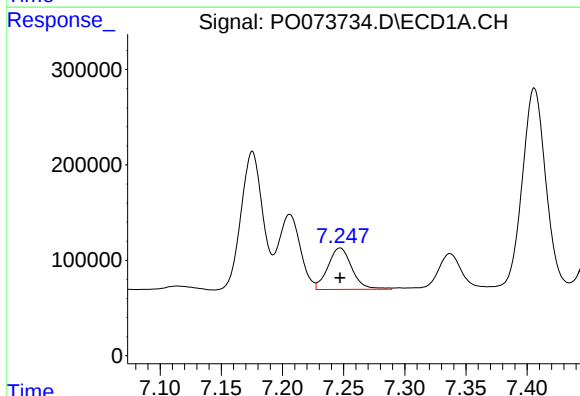
R.T.: 7.206 min
Delta R.T.: -0.001 min
Response: 973078
Conc: 243.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



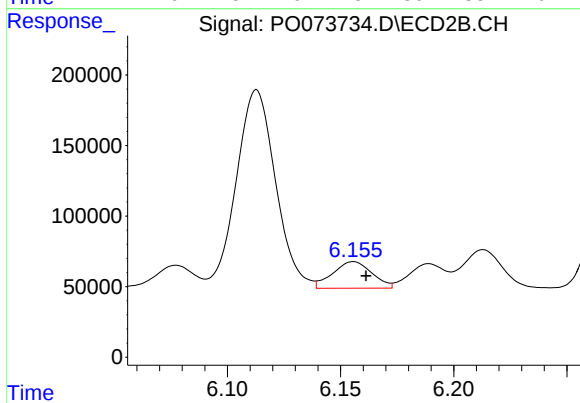
#24 AR-1248-4

R.T.: 5.735 min
Delta R.T.: -0.006 min
Response: 385399
Conc: 171.23 ng/ml



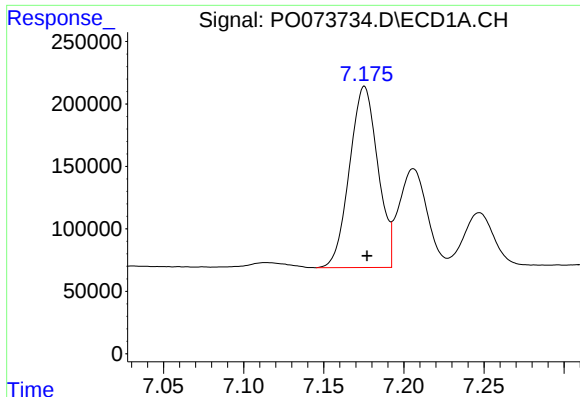
#25 AR-1248-5

R.T.: 7.247 min
Delta R.T.: 0.000 min
Response: 595075
Conc: 157.35 ng/ml



#25 AR-1248-5

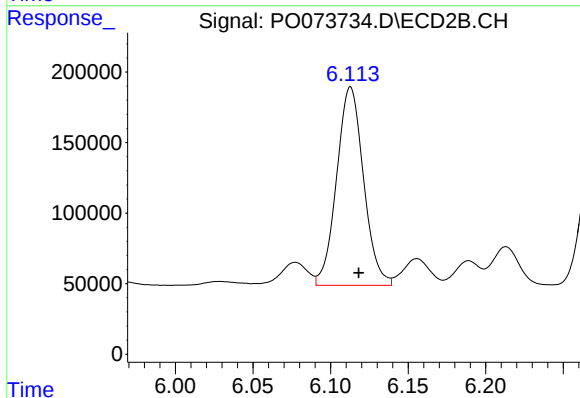
R.T.: 6.156 min
Delta R.T.: -0.006 min
Response: 227243
Conc: 97.80 ng/ml



#26 AR-1254-1

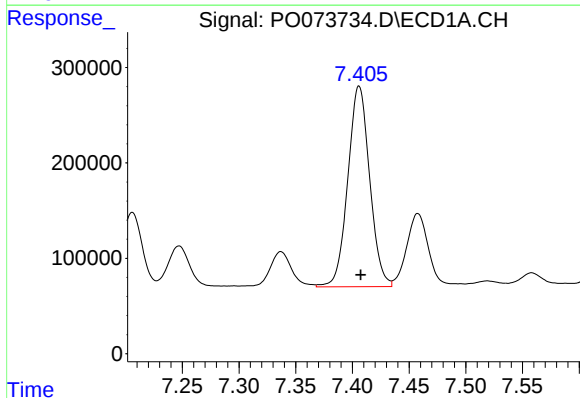
R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 1783182
Conc: 469.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



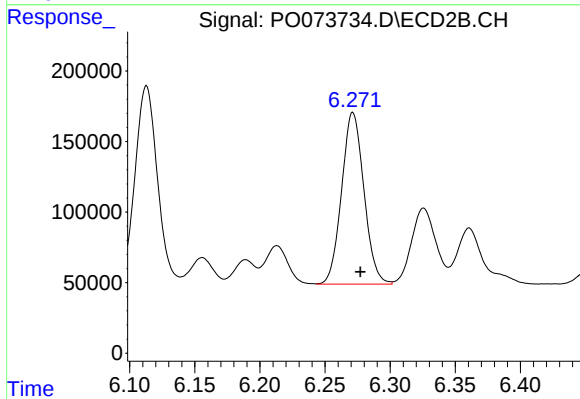
#26 AR-1254-1

R.T.: 6.113 min
Delta R.T.: -0.005 min
Response: 1696260
Conc: 479.98 ng/ml



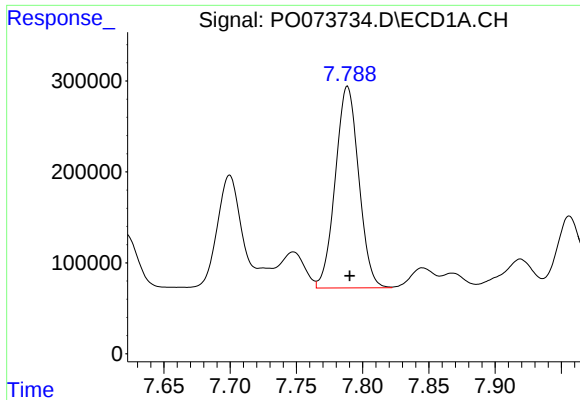
#27 AR-1254-2

R.T.: 7.406 min
Delta R.T.: -0.001 min
Response: 2819057
Conc: 478.15 ng/ml



#27 AR-1254-2

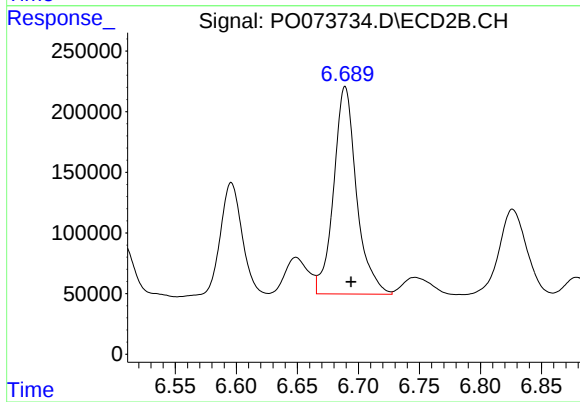
R.T.: 6.271 min
Delta R.T.: -0.006 min
Response: 1452295
Conc: 465.18 ng/ml



#28 AR-1254-3

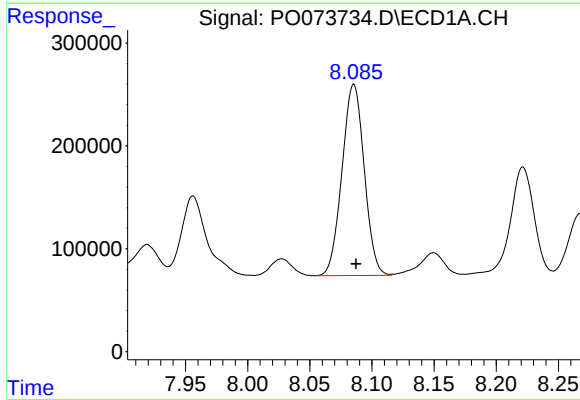
R.T.: 7.789 min
Delta R.T.: -0.002 min
Response: 2731236
Conc: 445.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



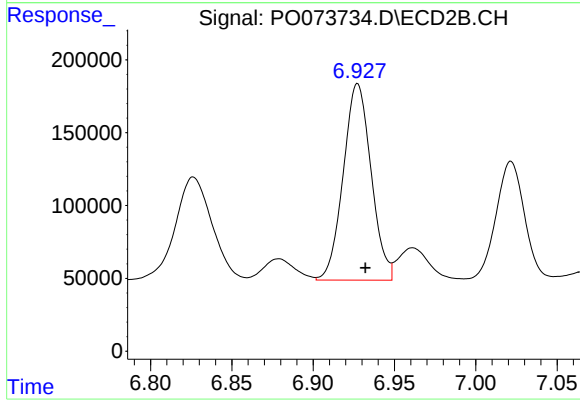
#28 AR-1254-3

R.T.: 6.689 min
Delta R.T.: -0.005 min
Response: 2230625
Conc: 455.60 ng/ml



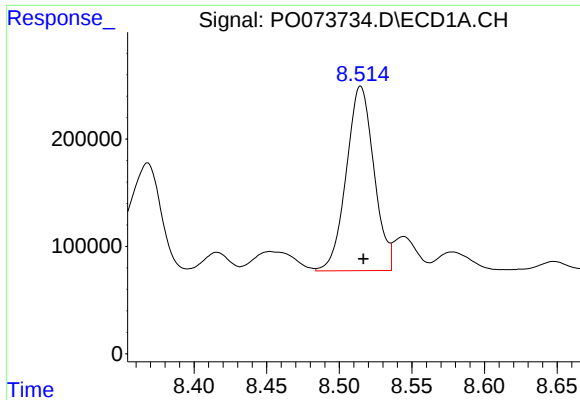
#29 AR-1254-4

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 2313290
Conc: 440.96 ng/ml



#29 AR-1254-4

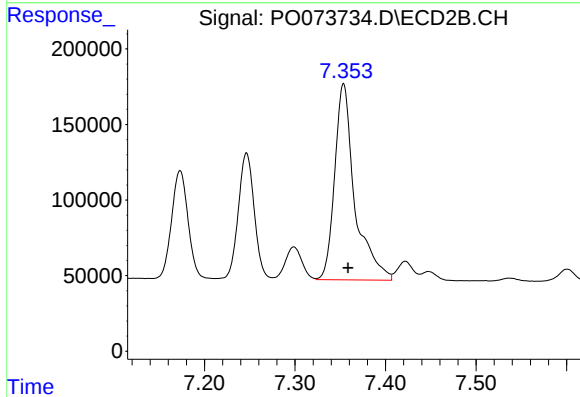
R.T.: 6.927 min
Delta R.T.: -0.005 min
Response: 1607651
Conc: 458.40 ng/ml



#30 AR-1254-5

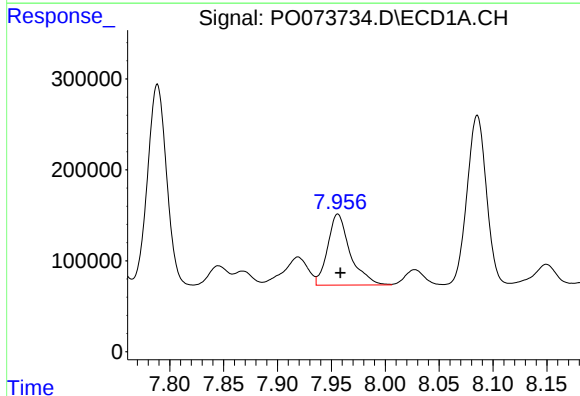
R.T.: 8.515 min
Delta R.T.: -0.002 min
Response: 2273685
Conc: 441.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



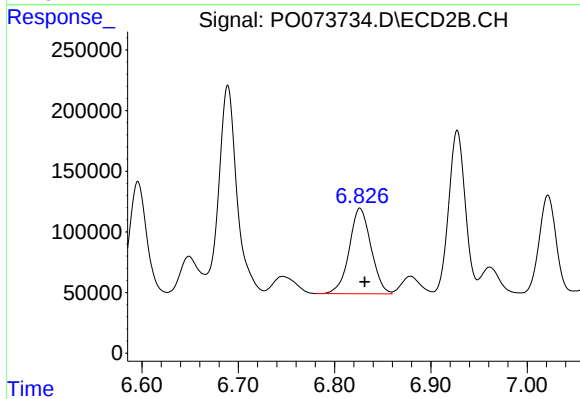
#30 AR-1254-5

R.T.: 7.354 min
Delta R.T.: -0.005 min
Response: 2007315
Conc: 455.21 ng/ml



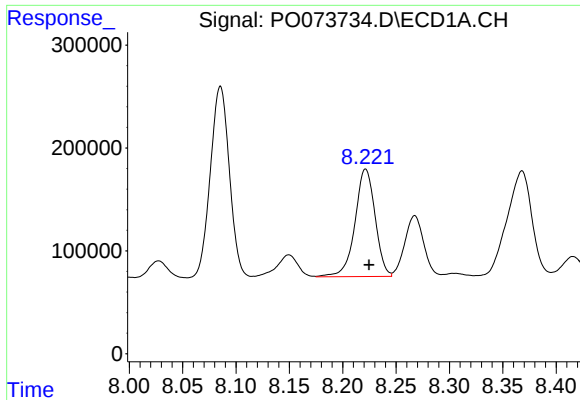
#31 AR-1260-1

R.T.: 7.956 min
Delta R.T.: -0.002 min
Response: 1131133
Conc: 267.63 ng/ml



#31 AR-1260-1

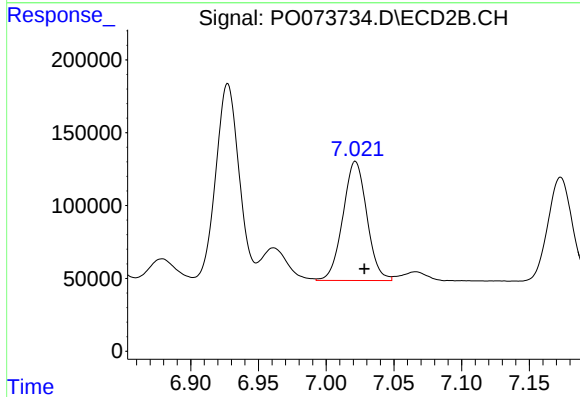
R.T.: 6.826 min
Delta R.T.: -0.005 min
Response: 1104590
Conc: 357.32 ng/ml



#32 AR-1260-2

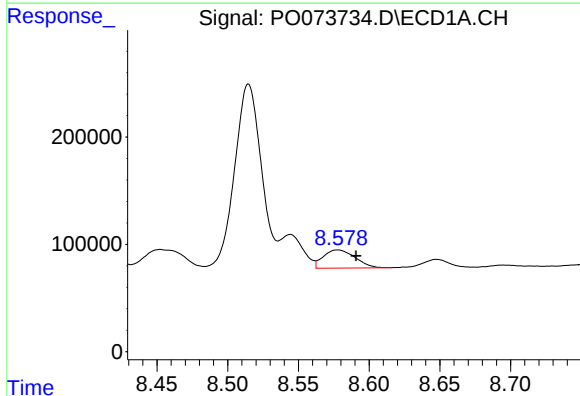
R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 1371184
Conc: 244.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



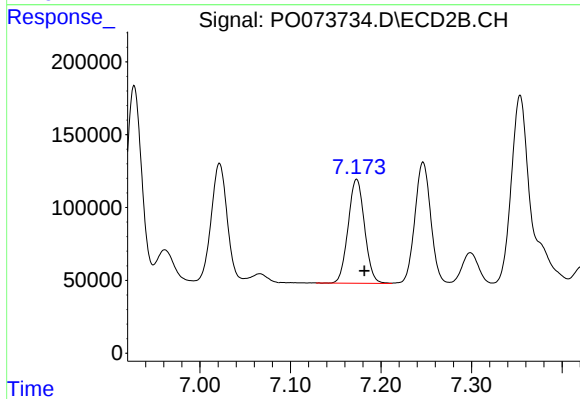
#32 AR-1260-2

R.T.: 7.022 min
Delta R.T.: -0.007 min
Response: 1008500
Conc: 248.61 ng/ml



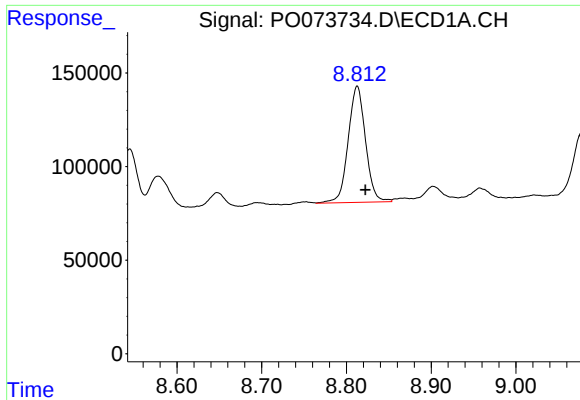
#33 AR-1260-3

R.T.: 8.578 min
Delta R.T.: -0.013 min
Response: 264529
Conc: 57.87 ng/ml



#33 AR-1260-3

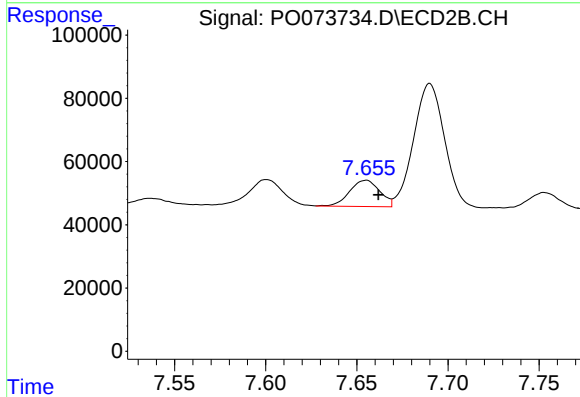
R.T.: 7.173 min
Delta R.T.: -0.009 min
Response: 898943
Conc: 257.55 ng/ml



#34 AR-1260-4

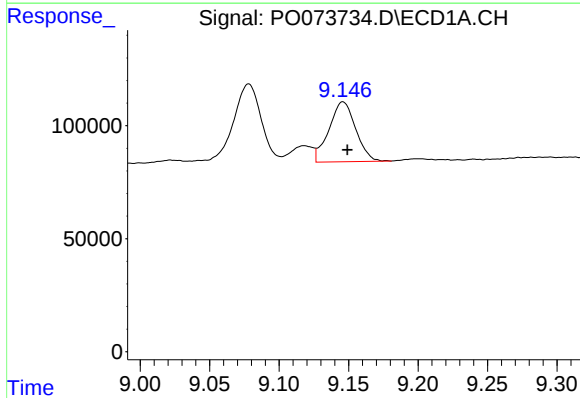
R.T.: 8.813 min
Delta R.T.: -0.010 min
Response: 881769
Conc: 186.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



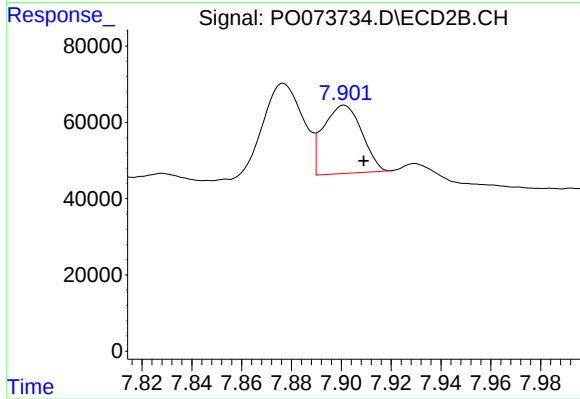
#34 AR-1260-4

R.T.: 7.655 min
Delta R.T.: -0.007 min
Response: 96312
Conc: 31.89 ng/ml



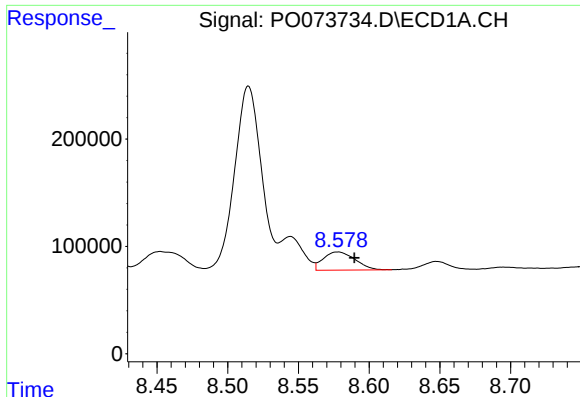
#35 AR-1260-5

R.T.: 9.146 min
Delta R.T.: -0.003 min
Response: 356215
Conc: 35.69 ng/ml



#35 AR-1260-5

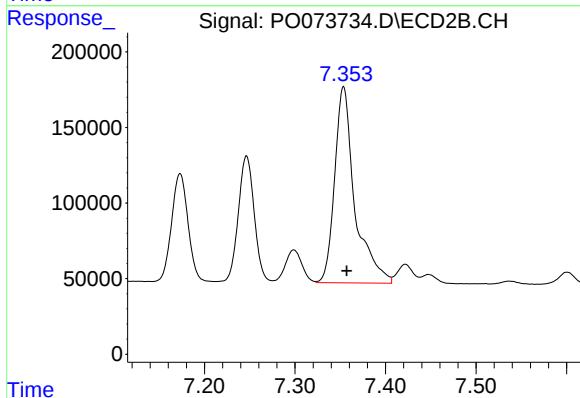
R.T.: 7.901 min
Delta R.T.: -0.008 min
Response: 191436
Conc: 25.63 ng/ml



#36 AR-1262-1

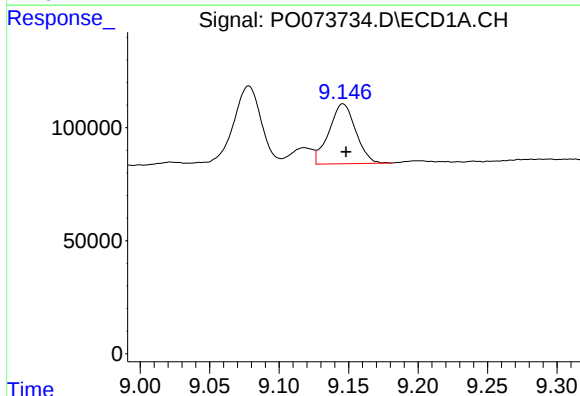
R.T.: 8.578 min
Delta R.T.: -0.012 min
Response: 264529
Conc: 35.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



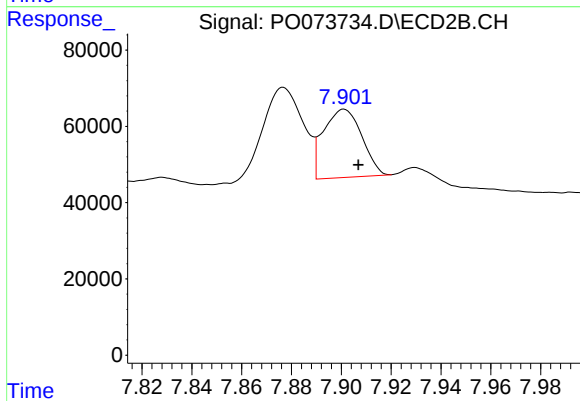
#36 AR-1262-1

R.T.: 7.354 min
Delta R.T.: -0.004 min
Response: 2007315
Conc: 802.99 ng/ml



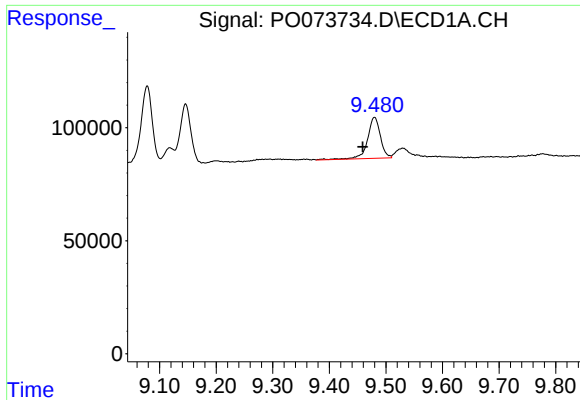
#37 AR-1262-2

R.T.: 9.146 min
Delta R.T.: -0.002 min
Response: 356215
Conc: 27.77 ng/ml



#37 AR-1262-2

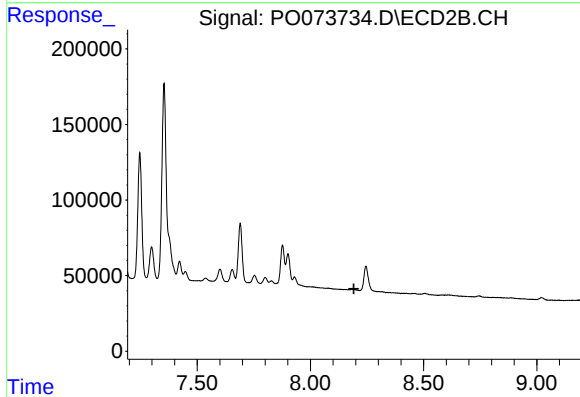
R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 191436
Conc: 21.76 ng/ml



#38 AR-1262-3

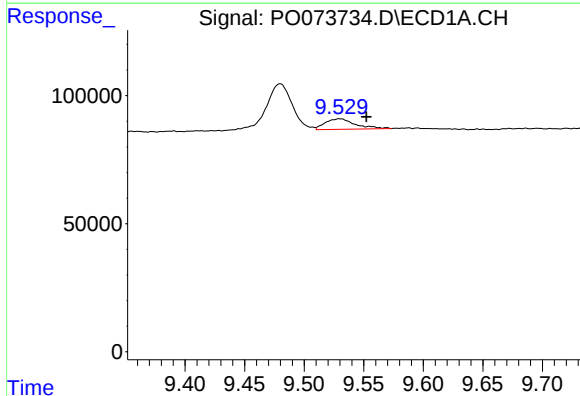
R.T.: 9.480 min
Delta R.T.: 0.021 min
Response: 286693
Conc: 33.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



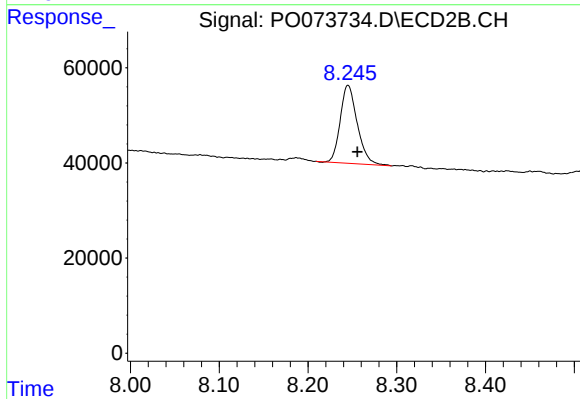
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.192 min
Response: 0
Conc: N.D.



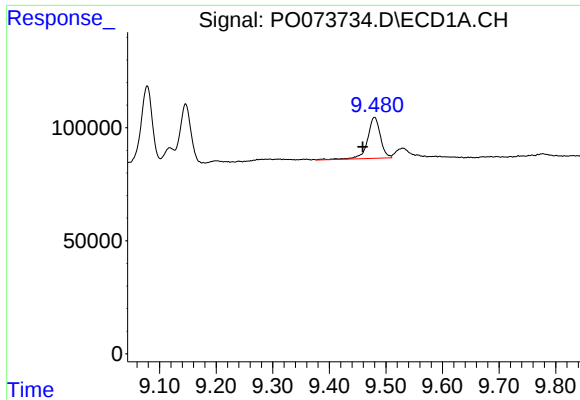
#39 AR-1262-4

R.T.: 9.530 min
Delta R.T.: -0.022 min
Response: 73053
Conc: 21.84 ng/ml



#39 AR-1262-4

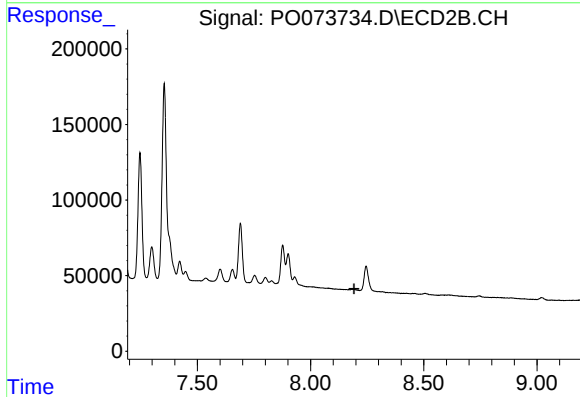
R.T.: 8.245 min
Delta R.T.: -0.011 min
Response: 218904
Conc: 35.58 ng/ml



#41 AR-1268-1

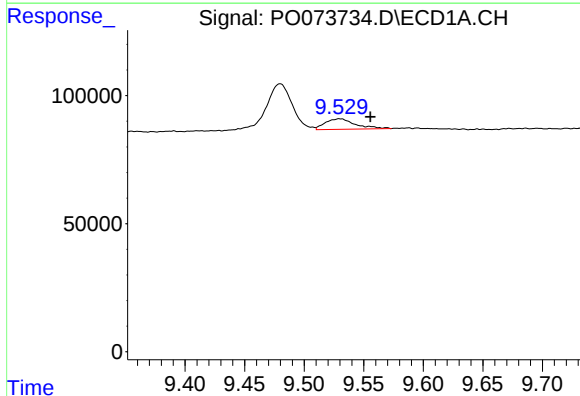
R.T.: 9.480 min
Delta R.T.: 0.021 min
Response: 286693
Conc: 20.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



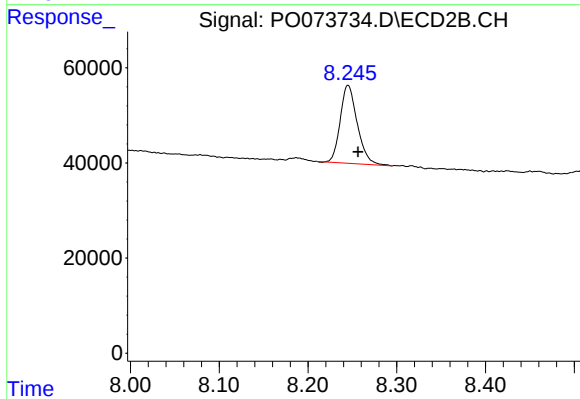
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.192 min
Response: 0
Conc: N.D.



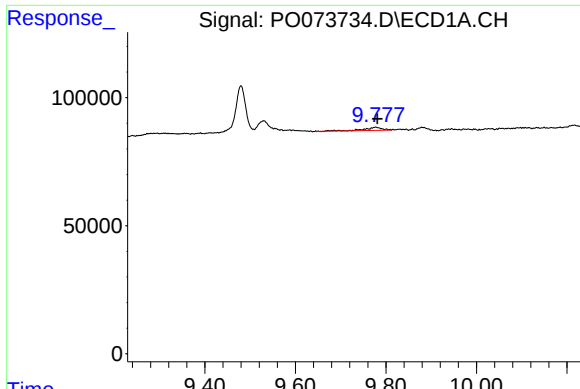
#42 AR-1268-2

R.T.: 9.530 min
Delta R.T.: -0.026 min
Response: 73053
Conc: 5.93 ng/ml



#42 AR-1268-2

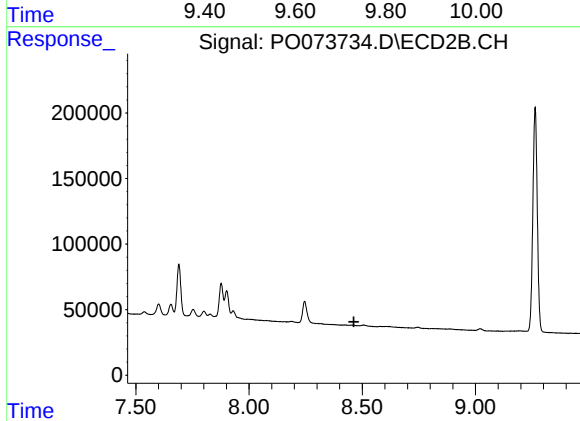
R.T.: 8.245 min
Delta R.T.: -0.011 min
Response: 218904
Conc: 26.57 ng/ml



#43 AR-1268-3

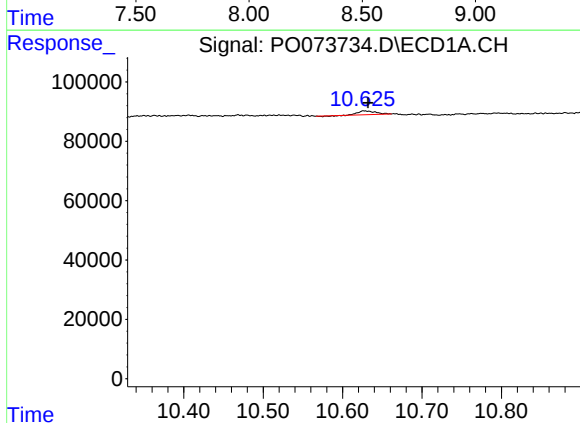
R.T.: 9.777 min
Delta R.T.: -0.004 min
Response: 32189
Conc: 2.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



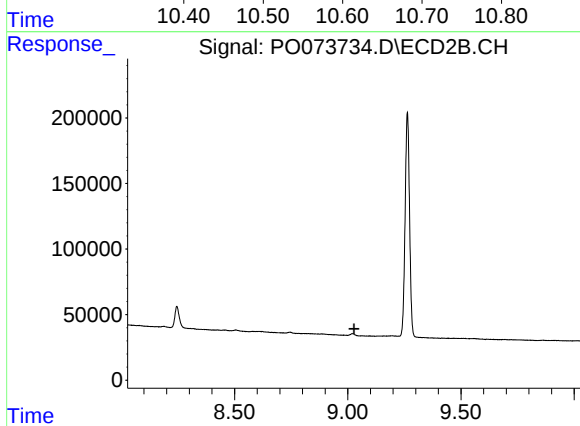
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.463 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.627 min
Delta R.T.: -0.005 min
Response: 18534
Conc: 0.57 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.028 min
Response: 0
Conc: N.D.