

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122120\
 Data File : PO073956.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Dec 2020 9:18
 Operator : DD\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 14:36:14 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...	4.948	3.997	4989270	2922439	54.571	54.486
2)	SA Decachlor...	10.975	9.262	4615477	2605638	55.850	55.687
Target Compounds							
3)	L1 AR-1016-1	6.271	5.245	1464805	918883	416.874	420.666
4)	L1 AR-1016-2	6.295	5.265	2031259	1262997	415.585	417.373
5)	L1 AR-1016-3	6.361	5.455	1224394	678810	415.660	416.389
6)	L1 AR-1016-4	6.469	5.507	1029800	521444	417.833	395.420
7)	L1 AR-1016-5	6.785	5.734	1015853	658101	427.857	401.631
8)	L2 AR-1221-1	5.193	4.251	139812	96538	131.956	144.111
9)	L2 AR-1221-2	5.299	4.349	204089	139918	259.821	272.119
10)	L2 AR-1221-3	5.385	4.438	756458	485907	310.960	318.629
11)	L3 AR-1232-1	5.385	4.438	756458	485907	366.852	375.957
12)	L3 AR-1232-2	5.976	5.265	976073	1262997	912.870	950.423
13)	L3 AR-1232-3	6.295	5.455	2031259	678810	946.556	932.760
14)	L3 AR-1232-4	6.469	5.552	1029800	651717	966.962	1067.721
15)	L3 AR-1232-5	6.567	5.734	779436	658101	1088.619	984.708
16)	L4 AR-1242-1	6.271	5.245	1464805	918883	516.825	522.445
17)	L4 AR-1242-2	6.295	5.265	2031259	1262997	521.543	516.408
18)	L4 AR-1242-3	6.361	5.455	1224394	678810	516.174	518.682
19)	L4 AR-1242-4	6.469	5.552	1029800	651717	522.432	520.743
20)	L4 AR-1242-5	7.254	6.112	1166220	887071	534.024	520.400
21)	L5 AR-1248-1	6.271	5.245	1464805	918883	674.126	671.125
22)	L5 AR-1248-2	6.567	5.507	779436	521444	278.914	281.040
23)	L5 AR-1248-3	6.785	5.552	1015853	651717	310.185	347.367
24)	L5 AR-1248-4	7.215	5.734	1127357	658101	281.897	292.381
25)	L5 AR-1248-5	7.254	6.155	1166220	749711	308.381	322.671
26)	L6 AR-1254-1	7.184	6.112	886508	887071	233.550	251.006
27)	L6 AR-1254-2	7.419	6.270	946308	211999	160.505	67.905 #
28)	L6 AR-1254-3	7.797	6.687	438933	278631	71.637	56.910
29)	L6 AR-1254-4	8.093	6.925	409097	229937	77.983	65.564
30)	L6 AR-1254-5	8.523	7.352	106103	60363	20.600	13.689 #
31)	L7 AR-1260-1	7.966	6.833	55242	108775	13.071	35.187 #
32)	L7 AR-1260-2	8.228	0.000	128114	0	22.805	N.D. #
33)	L7 AR-1260-3	8.599	7.170	28241	72848	6.178	20.871 #
34)	L7 AR-1260-4	8.823	0.000	78315	0	16.542	N.D. #
35)	L7 AR-1260-5	9.153	0.000	296987	0	29.759	N.D. #
36)	L8 AR-1262-1	8.599	7.352	28241	60363	3.772	24.147 #
37)	L8 AR-1262-2	9.153	0.000	296987	0	23.155	N.D. #
38)	L8 AR-1262-3	9.464	0.000	198283	0	23.372	N.D. #
39)	L8 AR-1262-4	9.564	0.000	63132	0	18.876	N.D. #
41)	L9 AR-1268-1	9.464	0.000	198283	0	13.921	N.D. #
42)	L9 AR-1268-2	9.564	0.000	63132	0	5.121	N.D. #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
43) L9	AR-1268-3	9.793	0.000	42445	0	3.911	N.D. #
45) L9	AR-1268-5	10.643	0.000	38189	0	1.167	N.D. #

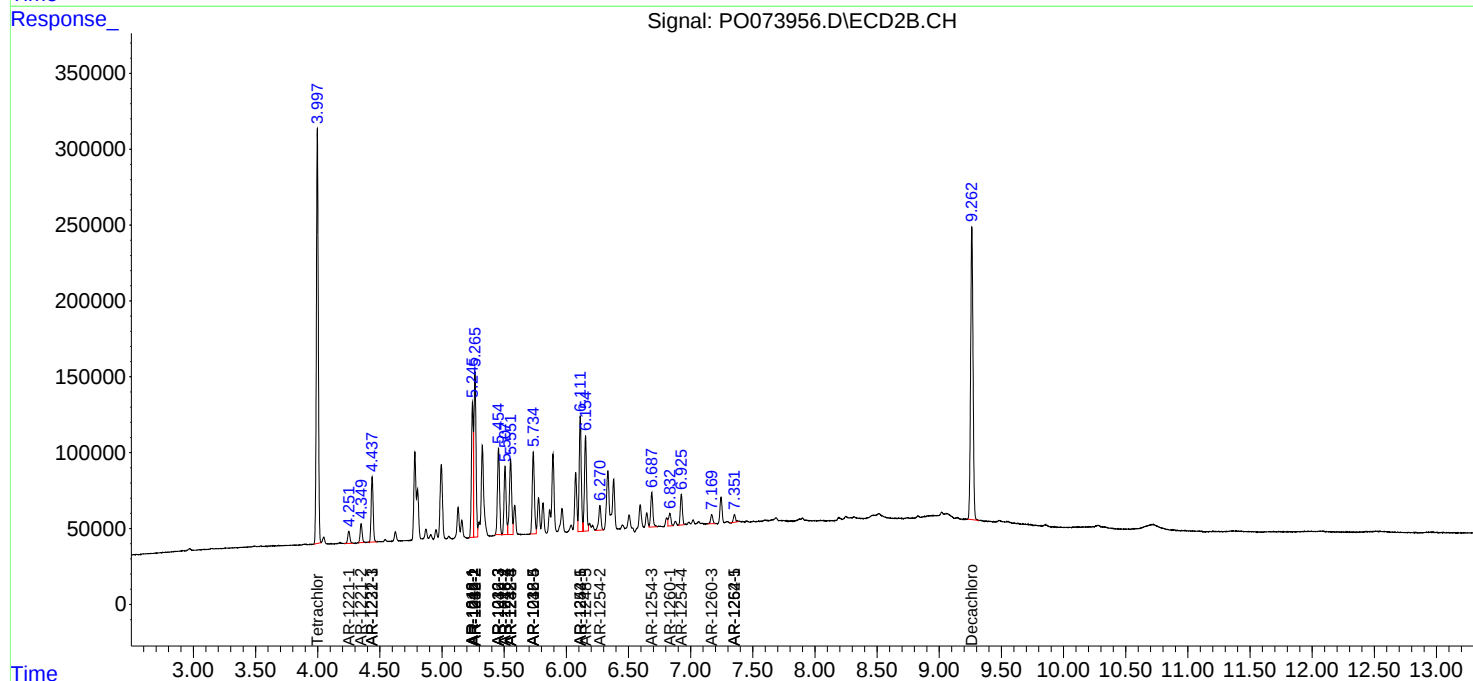
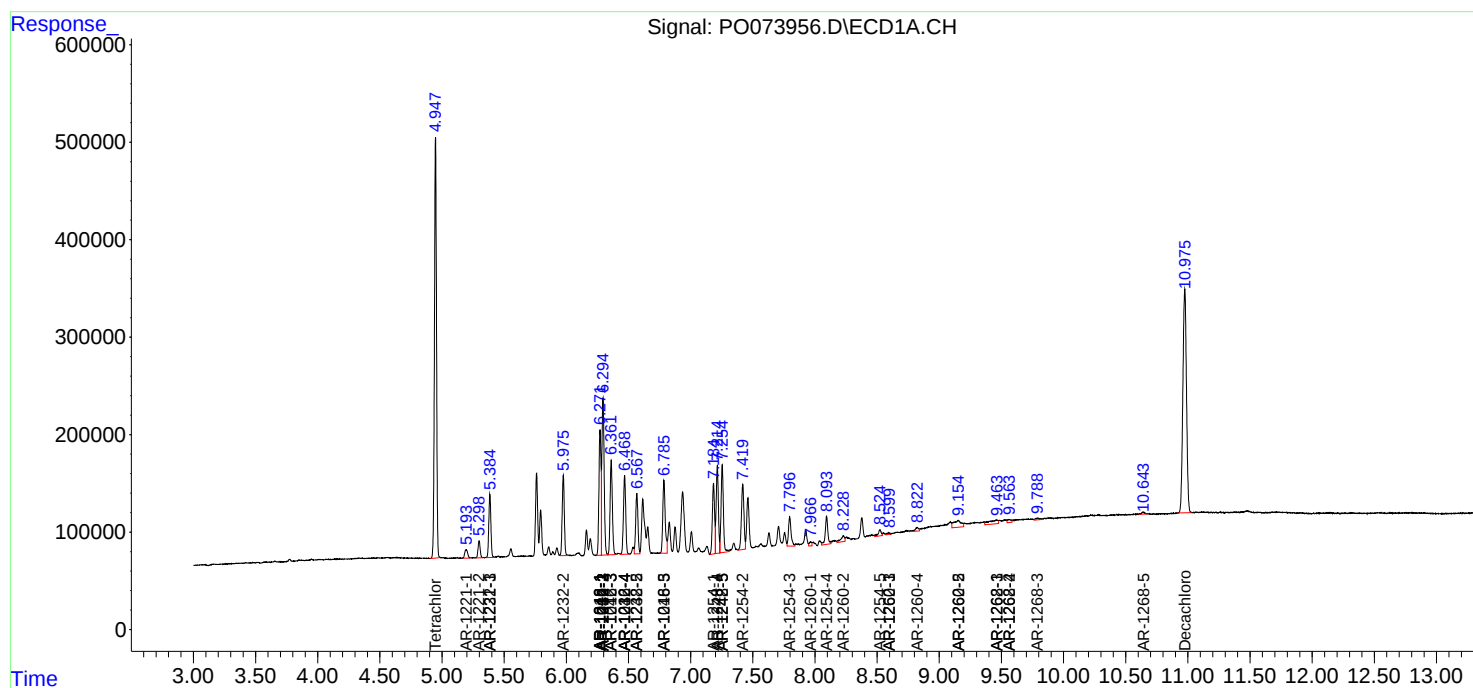
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

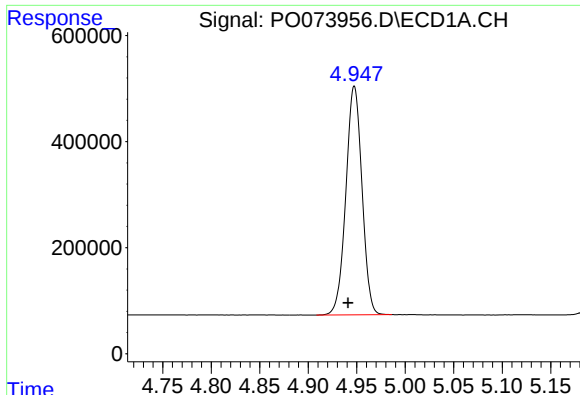
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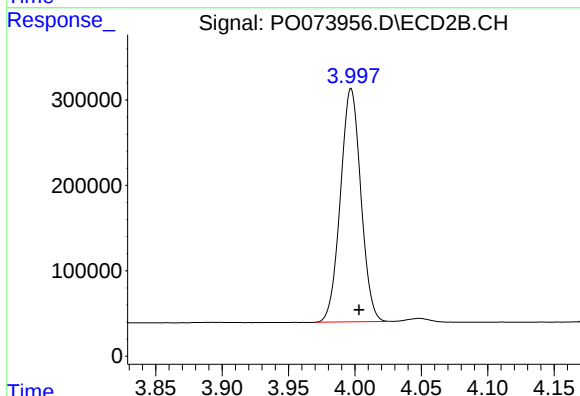




#1 Tetrachloro-m-xylene

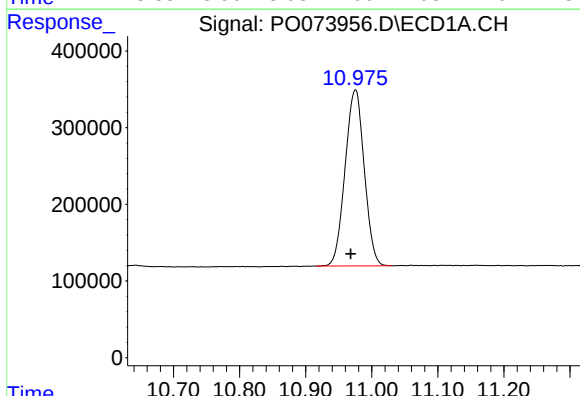
R.T.: 4.948 min
Delta R.T.: 0.007 min
Response: 4989270
Conc: 54.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



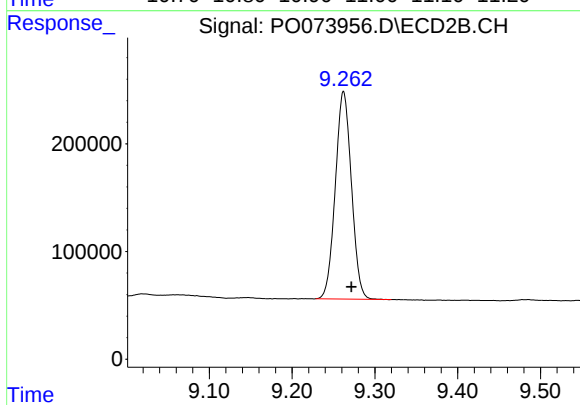
#1 Tetrachloro-m-xylene

R.T.: 3.997 min
Delta R.T.: -0.006 min
Response: 2922439
Conc: 54.49 ng/ml



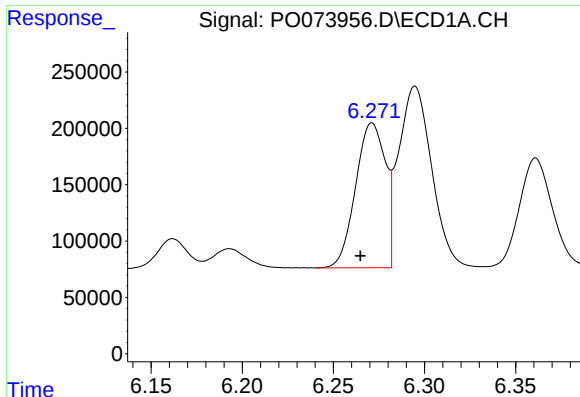
#2 Decachlorobiphenyl

R.T.: 10.975 min
Delta R.T.: 0.007 min
Response: 4615477
Conc: 55.85 ng/ml



#2 Decachlorobiphenyl

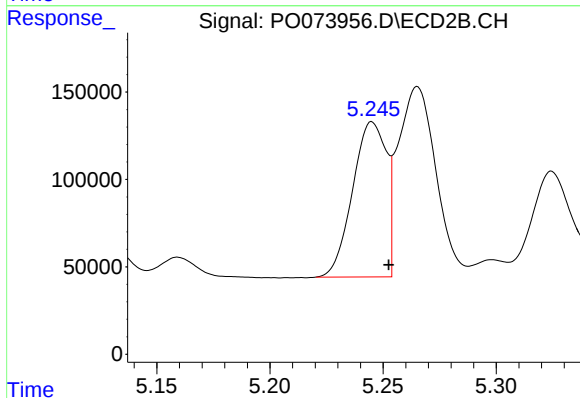
R.T.: 9.262 min
Delta R.T.: -0.010 min
Response: 2605638
Conc: 55.69 ng/ml



#3 AR-1016-1

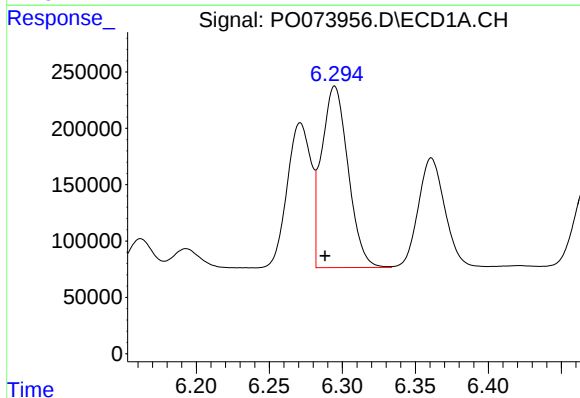
R.T.: 6.271 min
Delta R.T.: 0.006 min
Response: 1464805
Conc: 416.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



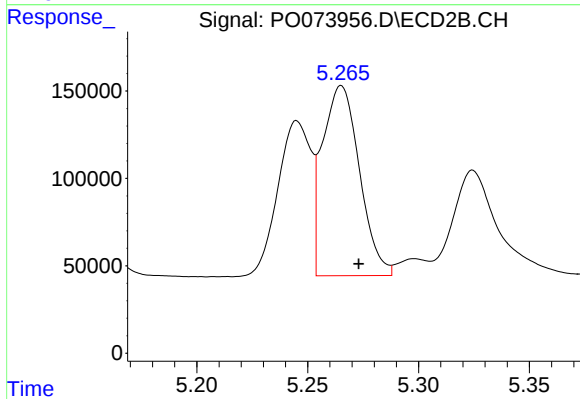
#3 AR-1016-1

R.T.: 5.245 min
Delta R.T.: -0.007 min
Response: 918883
Conc: 420.67 ng/ml



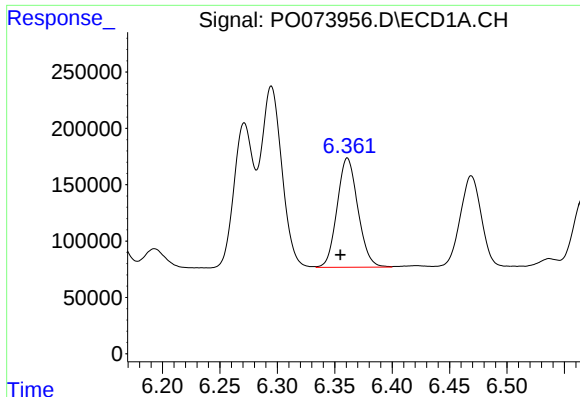
#4 AR-1016-2

R.T.: 6.295 min
Delta R.T.: 0.007 min
Response: 2031259
Conc: 415.58 ng/ml



#4 AR-1016-2

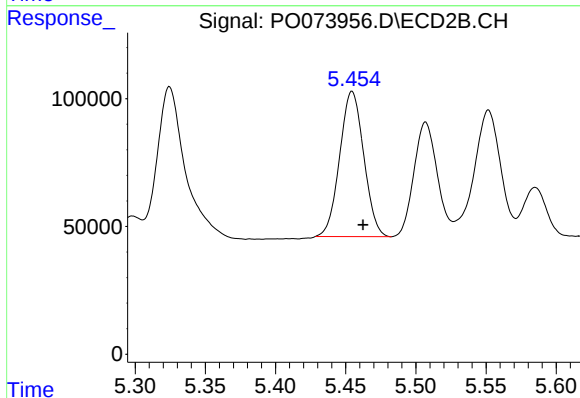
R.T.: 5.265 min
Delta R.T.: -0.008 min
Response: 1262997
Conc: 417.37 ng/ml



#5 AR-1016-3

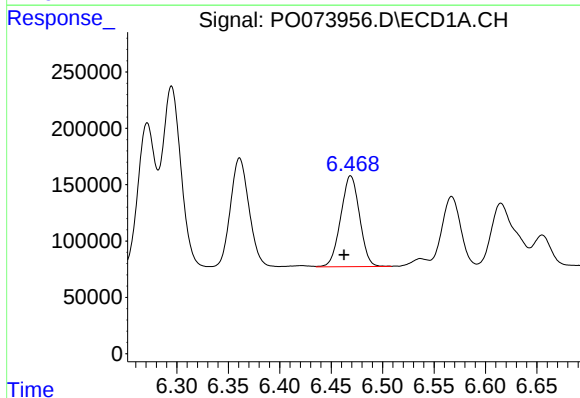
R.T.: 6.361 min
Delta R.T.: 0.006 min
Response: 1224394
Conc: 415.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



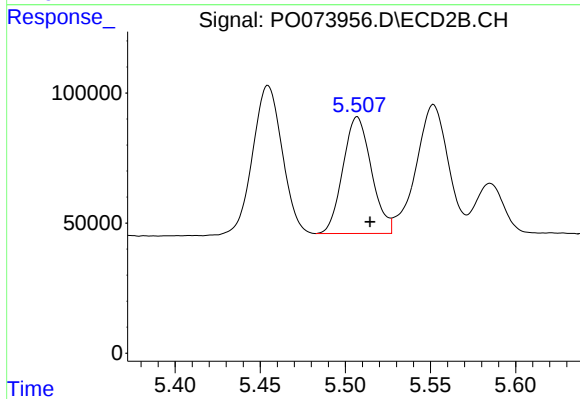
#5 AR-1016-3

R.T.: 5.455 min
Delta R.T.: -0.008 min
Response: 678810
Conc: 416.39 ng/ml



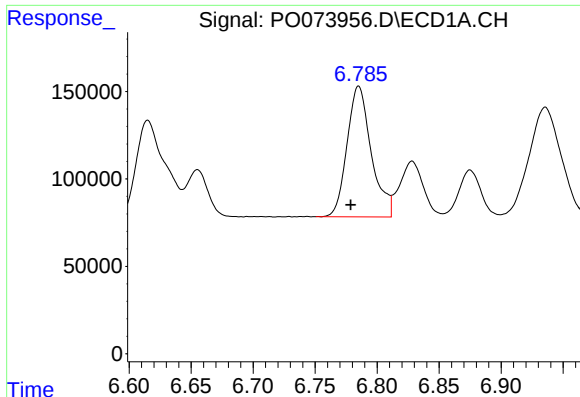
#6 AR-1016-4

R.T.: 6.469 min
Delta R.T.: 0.007 min
Response: 1029800
Conc: 417.83 ng/ml



#6 AR-1016-4

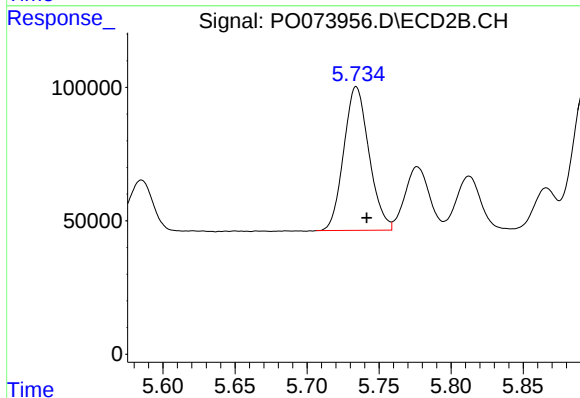
R.T.: 5.507 min
Delta R.T.: -0.008 min
Response: 521444
Conc: 395.42 ng/ml



#7 AR-1016-5

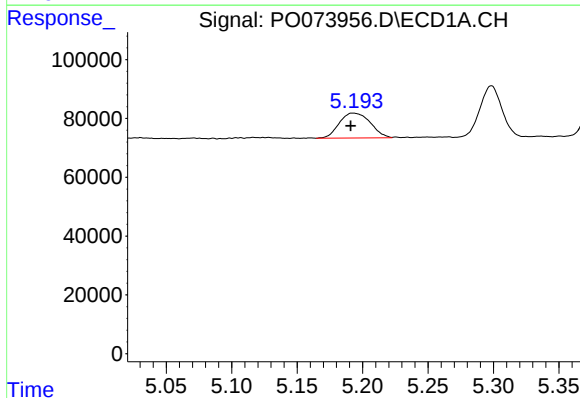
R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 1015853
Conc: 427.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



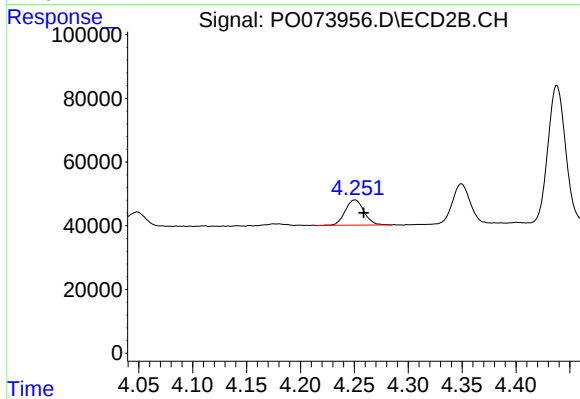
#7 AR-1016-5

R.T.: 5.734 min
Delta R.T.: -0.007 min
Response: 658101
Conc: 401.63 ng/ml



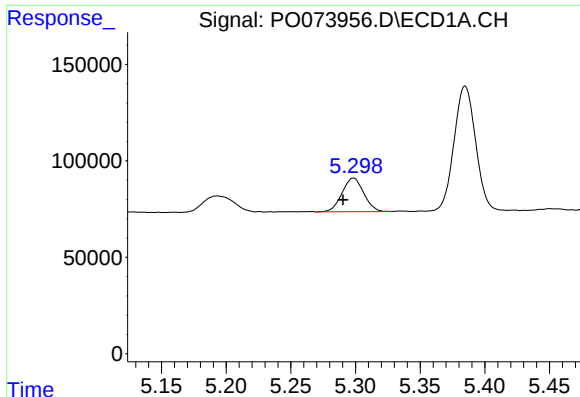
#8 AR-1221-1

R.T.: 5.193 min
Delta R.T.: 0.002 min
Response: 139812
Conc: 131.96 ng/ml



#8 AR-1221-1

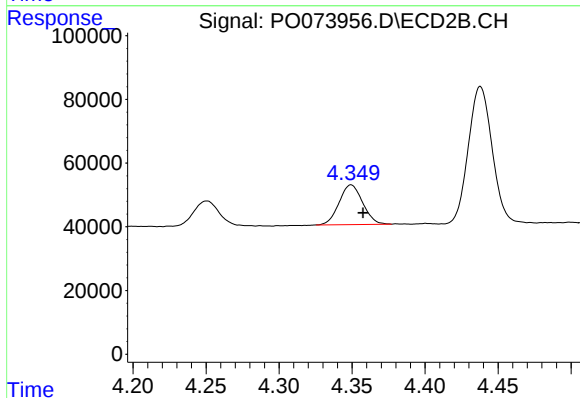
R.T.: 4.251 min
Delta R.T.: -0.008 min
Response: 96538
Conc: 144.11 ng/ml



#9 AR-1221-2

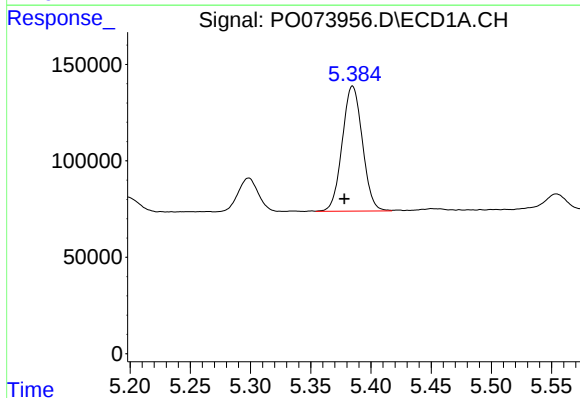
R.T.: 5.299 min
Delta R.T.: 0.008 min
Response: 204089
Conc: 259.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



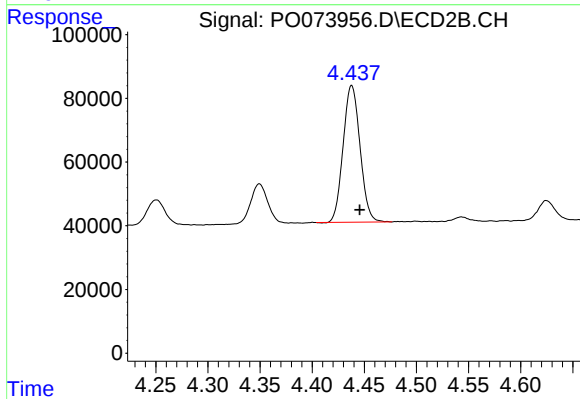
#9 AR-1221-2

R.T.: 4.349 min
Delta R.T.: -0.008 min
Response: 139918
Conc: 272.12 ng/ml



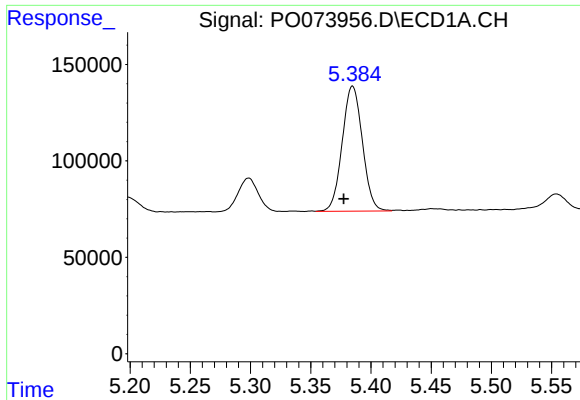
#10 AR-1221-3

R.T.: 5.385 min
Delta R.T.: 0.007 min
Response: 756458
Conc: 310.96 ng/ml



#10 AR-1221-3

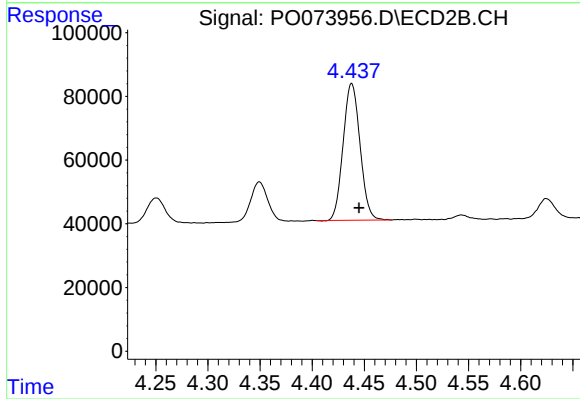
R.T.: 4.438 min
Delta R.T.: -0.008 min
Response: 485907
Conc: 318.63 ng/ml



#11 AR-1232-1

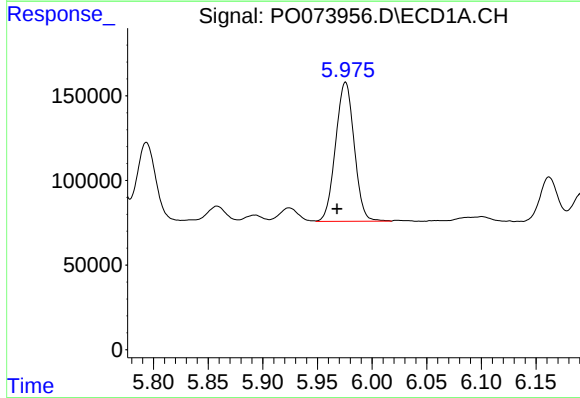
R.T.: 5.385 min
Delta R.T.: 0.007 min
Response: 756458
Conc: 366.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



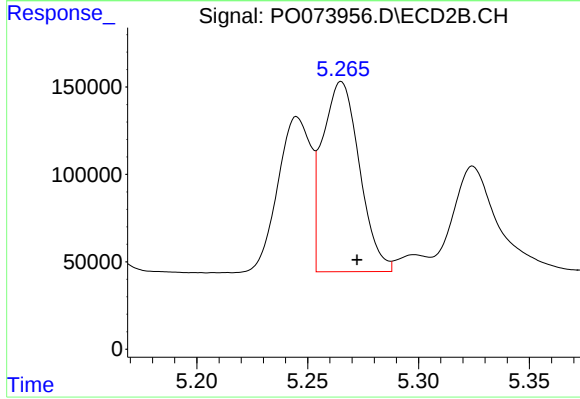
#11 AR-1232-1

R.T.: 4.438 min
Delta R.T.: -0.007 min
Response: 485907
Conc: 375.96 ng/ml



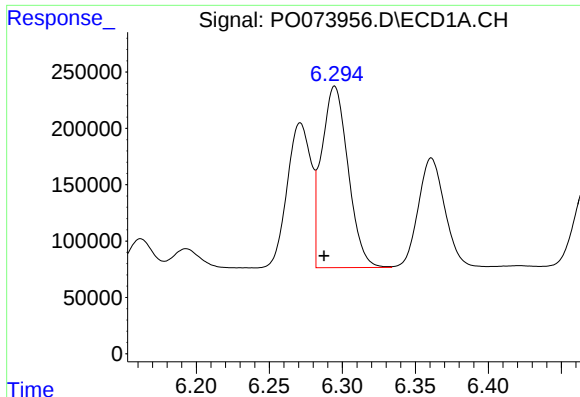
#12 AR-1232-2

R.T.: 5.976 min
Delta R.T.: 0.008 min
Response: 976073
Conc: 912.87 ng/ml



#12 AR-1232-2

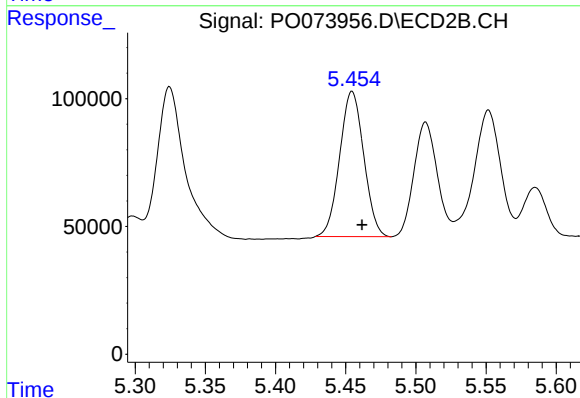
R.T.: 5.265 min
Delta R.T.: -0.007 min
Response: 1262997
Conc: 950.42 ng/ml



#13 AR-1232-3

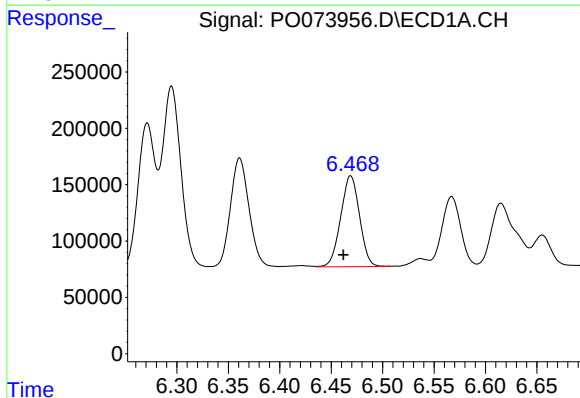
R.T.: 6.295 min
Delta R.T.: 0.007 min
Response: 2031259
Conc: 946.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



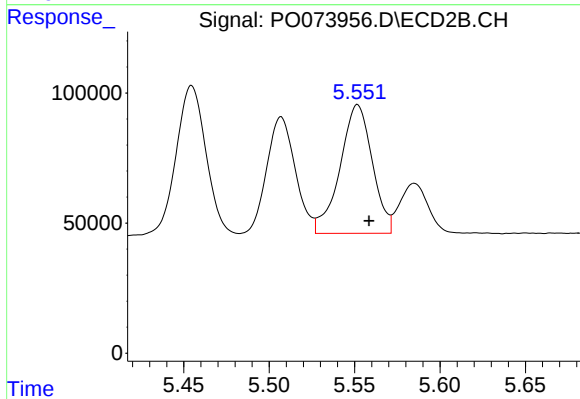
#13 AR-1232-3

R.T.: 5.455 min
Delta R.T.: -0.007 min
Response: 678810
Conc: 932.76 ng/ml



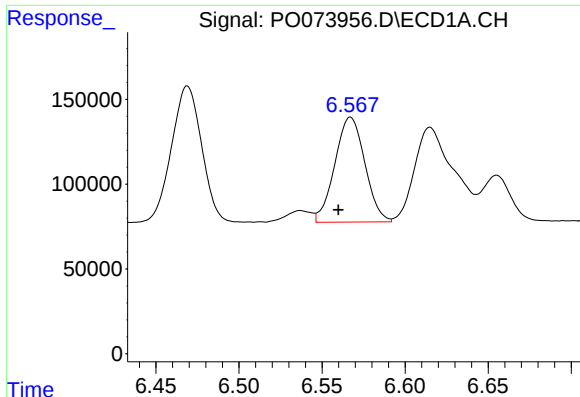
#14 AR-1232-4

R.T.: 6.469 min
Delta R.T.: 0.007 min
Response: 1029800
Conc: 966.96 ng/ml



#14 AR-1232-4

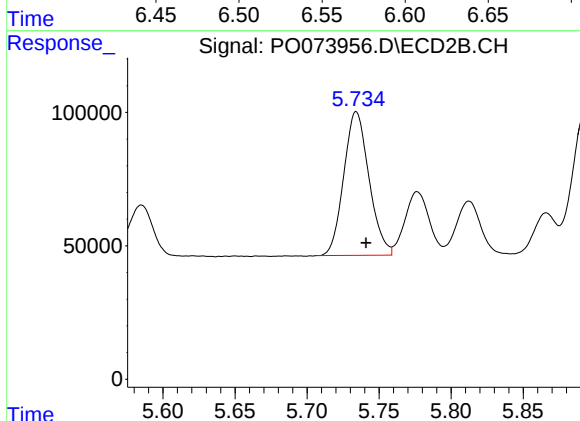
R.T.: 5.552 min
Delta R.T.: -0.007 min
Response: 651717
Conc: 1067.72 ng/ml



#15 AR-1232-5

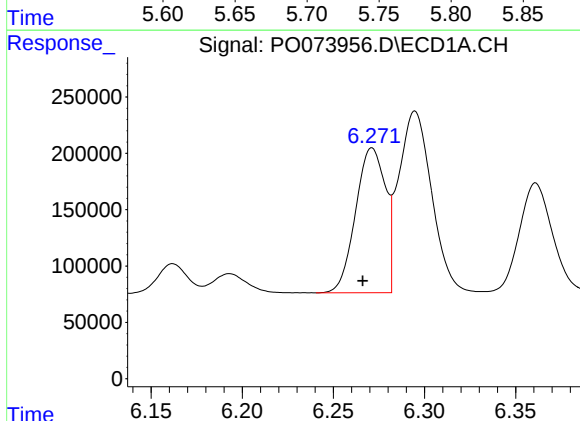
R.T.: 6.567 min
Delta R.T.: 0.007 min
Response: 779436
Conc: 1088.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



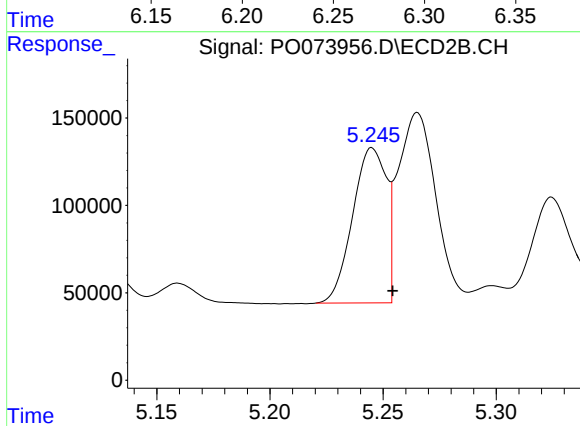
#15 AR-1232-5

R.T.: 5.734 min
Delta R.T.: -0.007 min
Response: 658101
Conc: 984.71 ng/ml



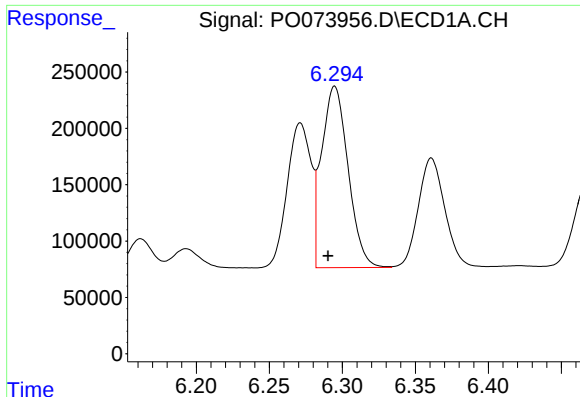
#16 AR-1242-1

R.T.: 6.271 min
Delta R.T.: 0.005 min
Response: 1464805
Conc: 516.83 ng/ml



#16 AR-1242-1

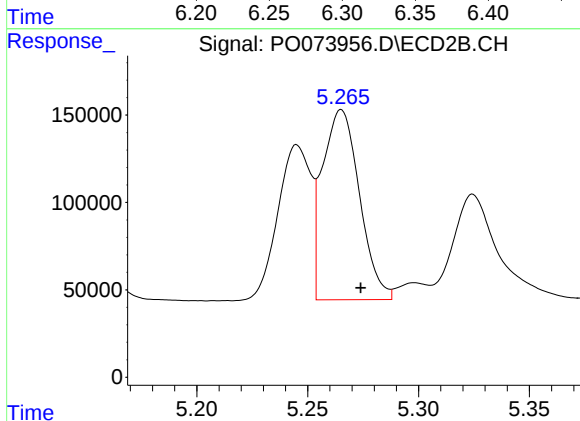
R.T.: 5.245 min
Delta R.T.: -0.009 min
Response: 918883
Conc: 522.44 ng/ml



#17 AR-1242-2

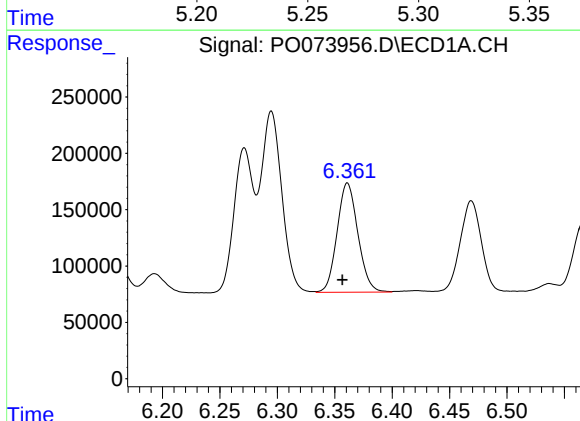
R.T.: 6.295 min
Delta R.T.: 0.005 min
Response: 2031259
Conc: 521.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



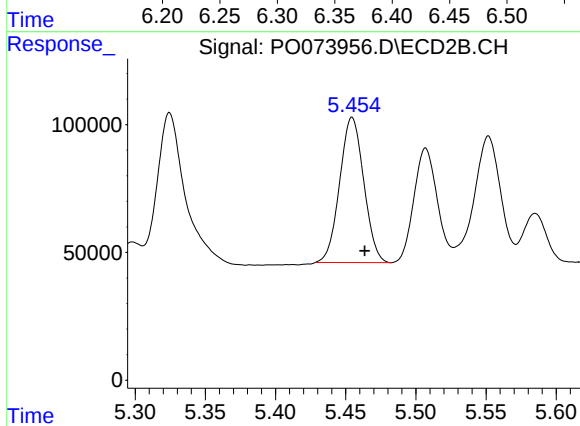
#17 AR-1242-2

R.T.: 5.265 min
Delta R.T.: -0.009 min
Response: 1262997
Conc: 516.41 ng/ml



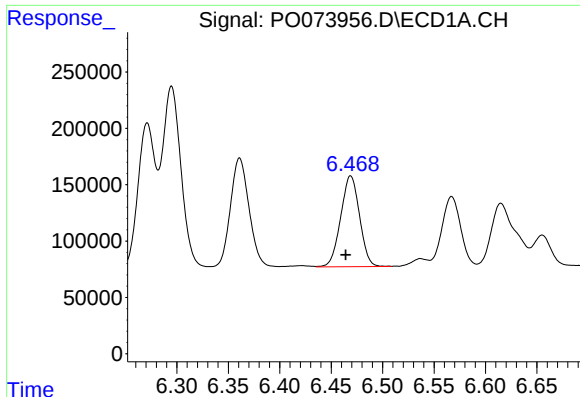
#18 AR-1242-3

R.T.: 6.361 min
Delta R.T.: 0.004 min
Response: 1224394
Conc: 516.17 ng/ml



#18 AR-1242-3

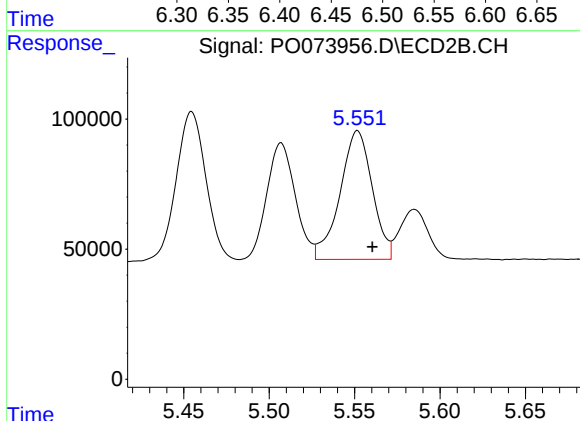
R.T.: 5.455 min
Delta R.T.: -0.009 min
Response: 678810
Conc: 518.68 ng/ml



#19 AR-1242-4

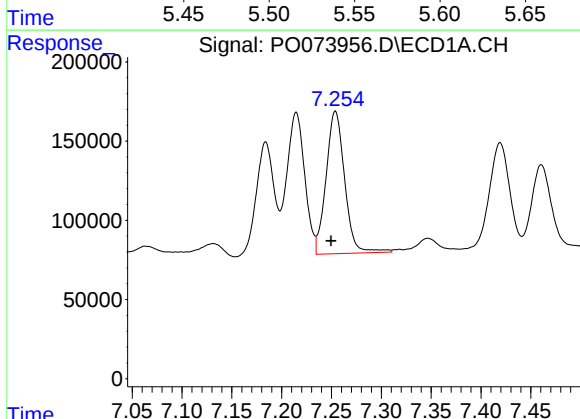
R.T.: 6.469 min
Delta R.T.: 0.005 min
Response: 1029800
Conc: 522.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



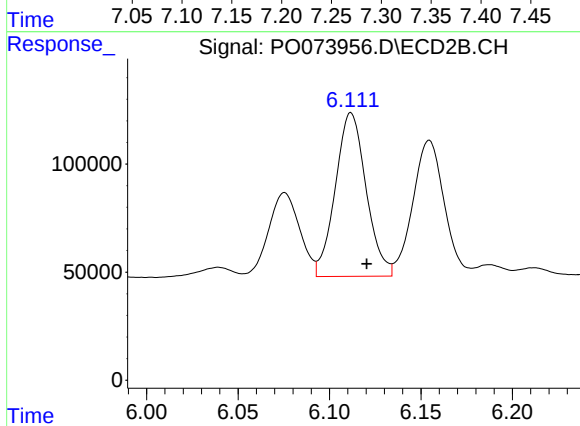
#19 AR-1242-4

R.T.: 5.552 min
Delta R.T.: -0.009 min
Response: 651717
Conc: 520.74 ng/ml



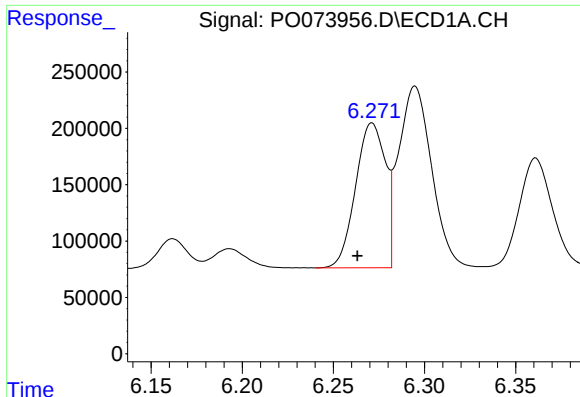
#20 AR-1242-5

R.T.: 7.254 min
Delta R.T.: 0.004 min
Response: 1166220
Conc: 534.02 ng/ml



#20 AR-1242-5

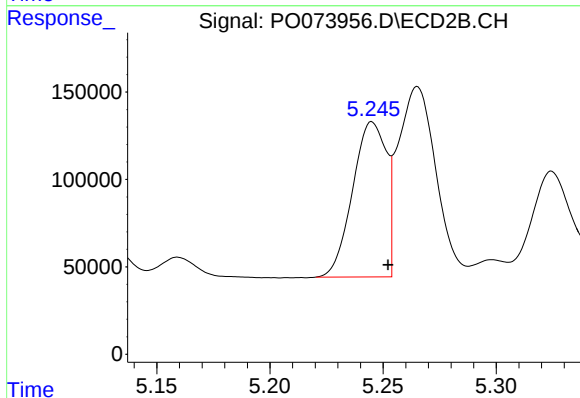
R.T.: 6.112 min
Delta R.T.: -0.009 min
Response: 887071
Conc: 520.40 ng/ml



#21 AR-1248-1

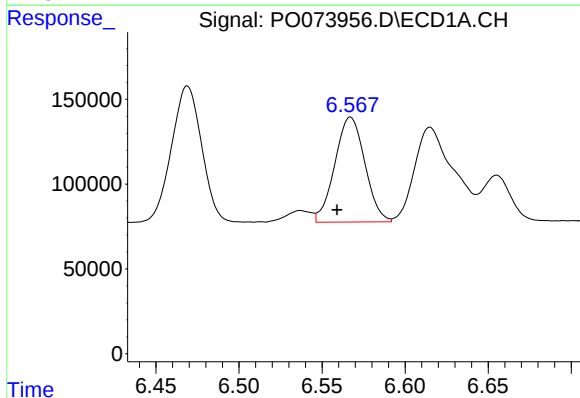
R.T.: 6.271 min
Delta R.T.: 0.008 min
Response: 1464805
Conc: 674.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



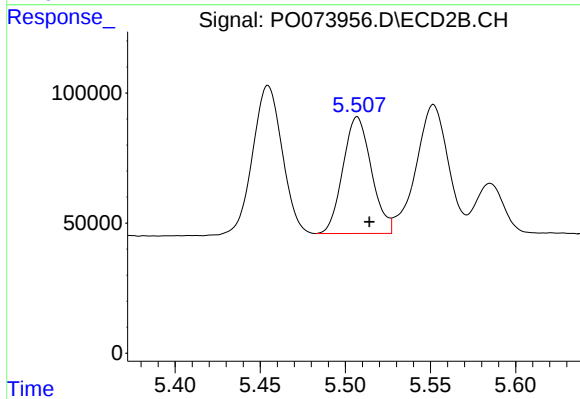
#21 AR-1248-1

R.T.: 5.245 min
Delta R.T.: -0.007 min
Response: 918883
Conc: 671.13 ng/ml



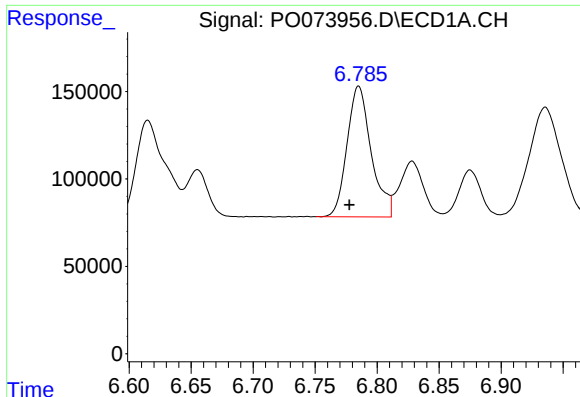
#22 AR-1248-2

R.T.: 6.567 min
Delta R.T.: 0.008 min
Response: 779436
Conc: 278.91 ng/ml



#22 AR-1248-2

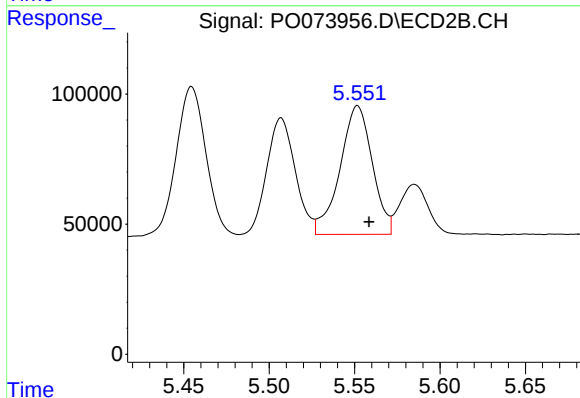
R.T.: 5.507 min
Delta R.T.: -0.007 min
Response: 521444
Conc: 281.04 ng/ml



#23 AR-1248-3

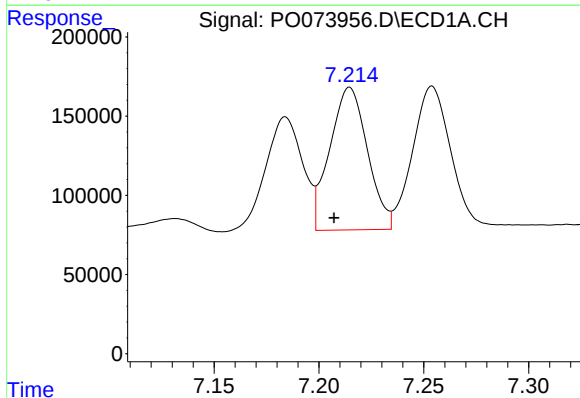
R.T.: 6.785 min
Delta R.T.: 0.007 min
Response: 1015853
Conc: 310.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



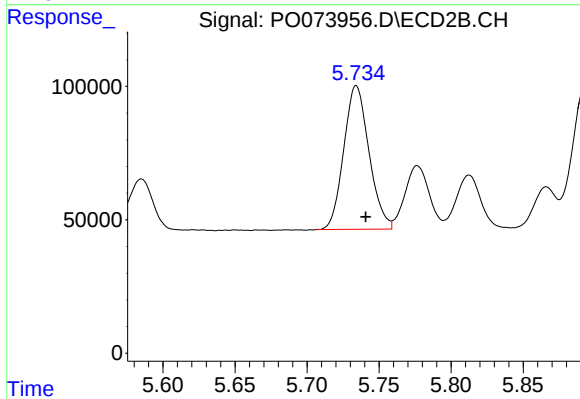
#23 AR-1248-3

R.T.: 5.552 min
Delta R.T.: -0.007 min
Response: 651717
Conc: 347.37 ng/ml



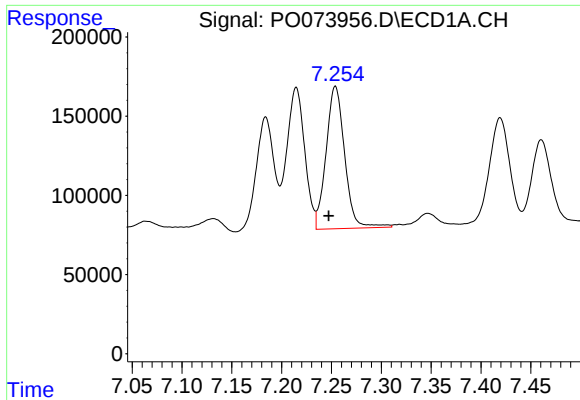
#24 AR-1248-4

R.T.: 7.215 min
Delta R.T.: 0.007 min
Response: 1127357
Conc: 281.90 ng/ml



#24 AR-1248-4

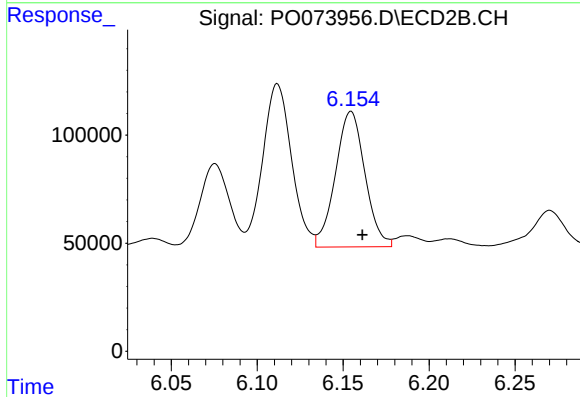
R.T.: 5.734 min
Delta R.T.: -0.007 min
Response: 658101
Conc: 292.38 ng/ml



#25 AR-1248-5

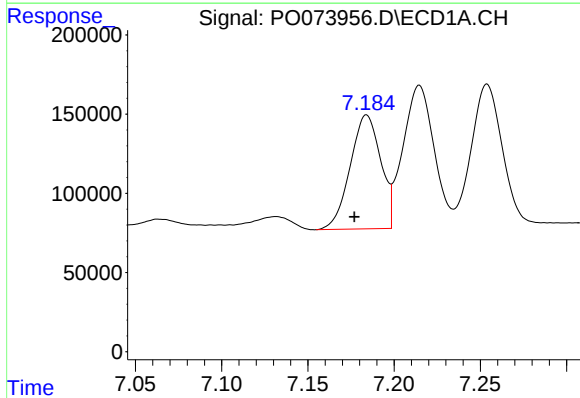
R.T.: 7.254 min
Delta R.T.: 0.007 min
Response: 1166220
Conc: 308.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



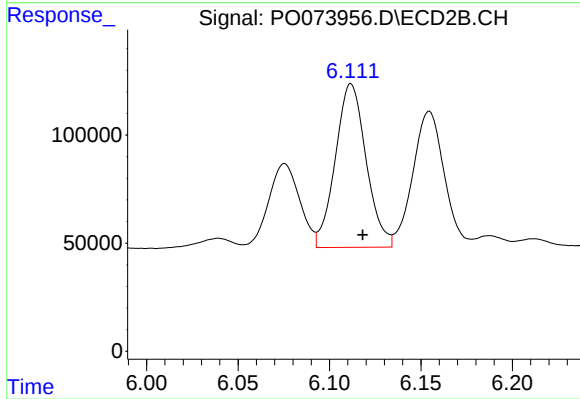
#25 AR-1248-5

R.T.: 6.155 min
Delta R.T.: -0.007 min
Response: 749711
Conc: 322.67 ng/ml



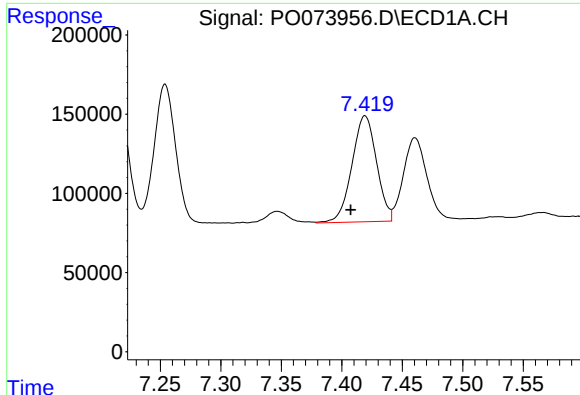
#26 AR-1254-1

R.T.: 7.184 min
Delta R.T.: 0.007 min
Response: 886508
Conc: 233.55 ng/ml



#26 AR-1254-1

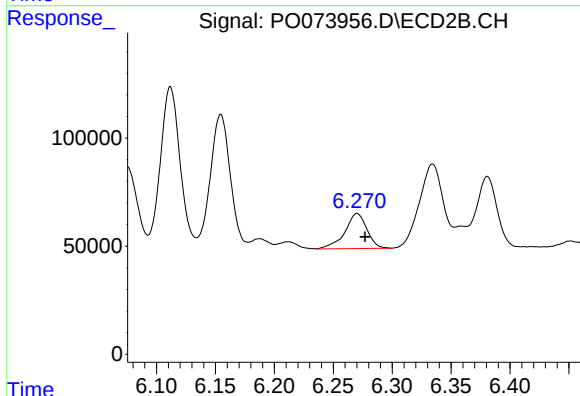
R.T.: 6.112 min
Delta R.T.: -0.006 min
Response: 887071
Conc: 251.01 ng/ml



#27 AR-1254-2

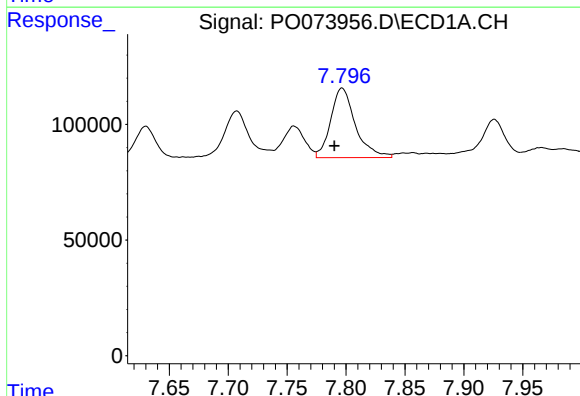
R.T.: 7.419 min
Delta R.T.: 0.012 min
Response: 946308
Conc: 160.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



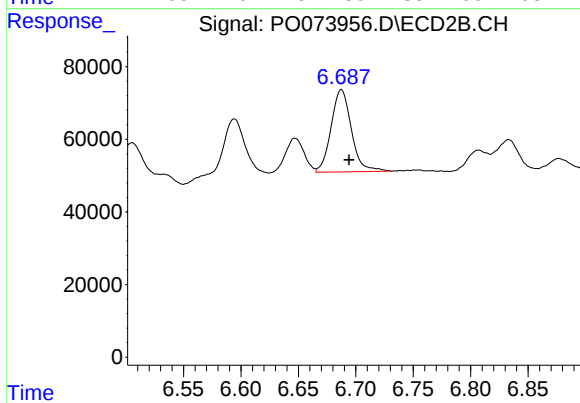
#27 AR-1254-2

R.T.: 6.270 min
Delta R.T.: -0.007 min
Response: 211999
Conc: 67.90 ng/ml



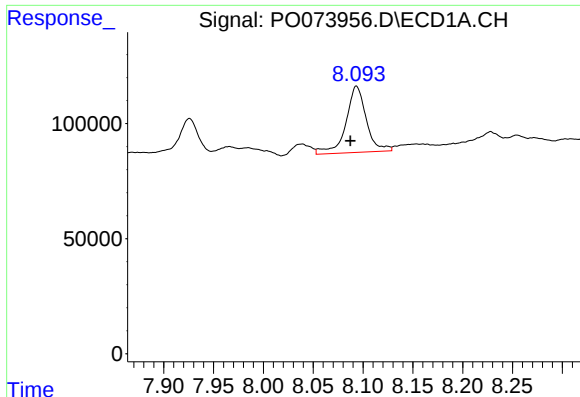
#28 AR-1254-3

R.T.: 7.797 min
Delta R.T.: 0.006 min
Response: 438933
Conc: 71.64 ng/ml



#28 AR-1254-3

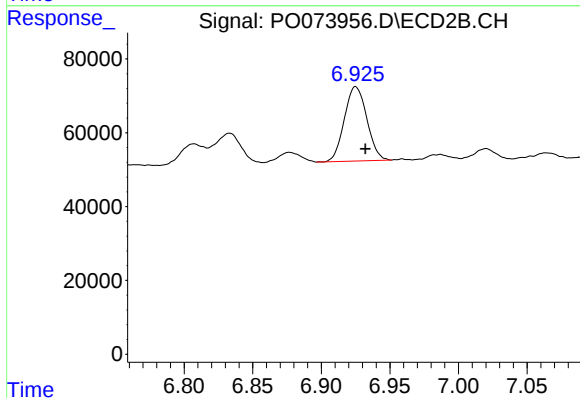
R.T.: 6.687 min
Delta R.T.: -0.007 min
Response: 278631
Conc: 56.91 ng/ml



#29 AR-1254-4

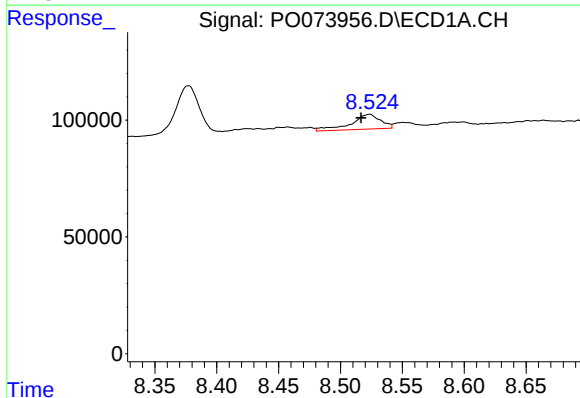
R.T.: 8.093 min
Delta R.T.: 0.006 min
Response: 409097
Conc: 77.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



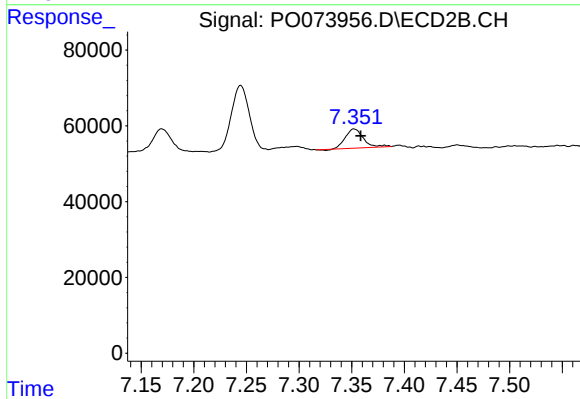
#29 AR-1254-4

R.T.: 6.925 min
Delta R.T.: -0.007 min
Response: 229937
Conc: 65.56 ng/ml



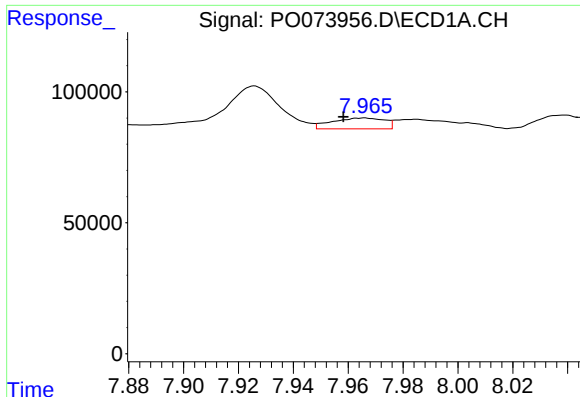
#30 AR-1254-5

R.T.: 8.523 min
Delta R.T.: 0.007 min
Response: 106103
Conc: 20.60 ng/ml



#30 AR-1254-5

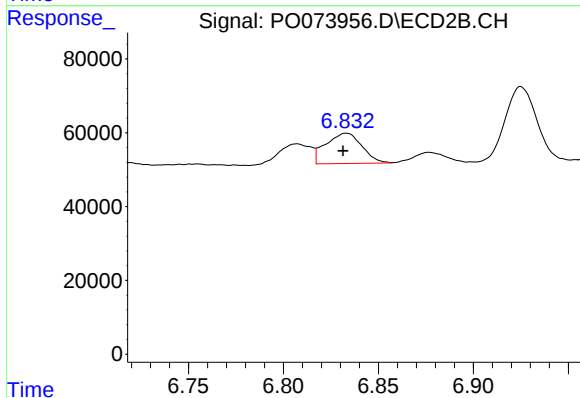
R.T.: 7.352 min
Delta R.T.: -0.006 min
Response: 60363
Conc: 13.69 ng/ml



#31 AR-1260-1

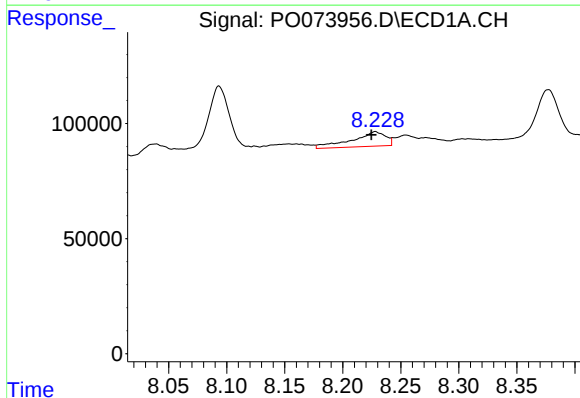
R.T.: 7.966 min
Delta R.T.: 0.007 min
Response: 55242
Conc: 13.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



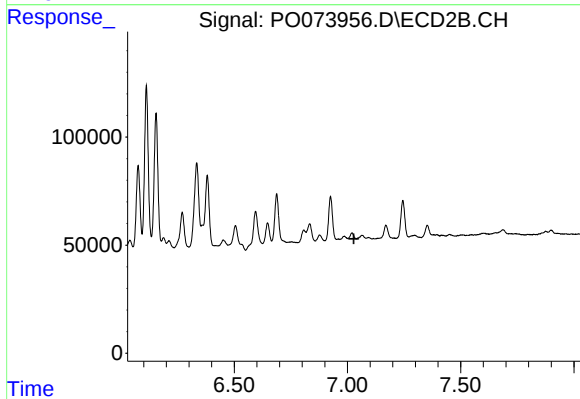
#31 AR-1260-1

R.T.: 6.833 min
Delta R.T.: 0.002 min
Response: 108775
Conc: 35.19 ng/ml



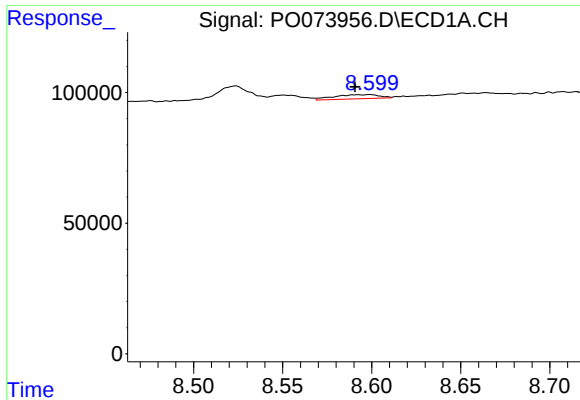
#32 AR-1260-2

R.T.: 8.228 min
Delta R.T.: 0.003 min
Response: 128114
Conc: 22.80 ng/ml



#32 AR-1260-2

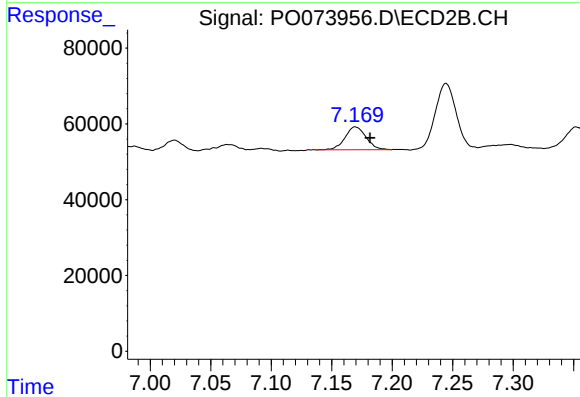
R.T.: 0.000 min
Exp R.T.: 7.028 min
Response: 0
Conc: N.D.



#33 AR-1260-3

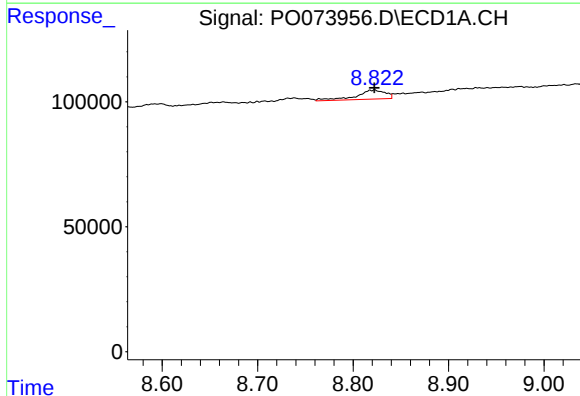
R.T.: 8.599 min
Delta R.T.: 0.008 min
Response: 28241
Conc: 6.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



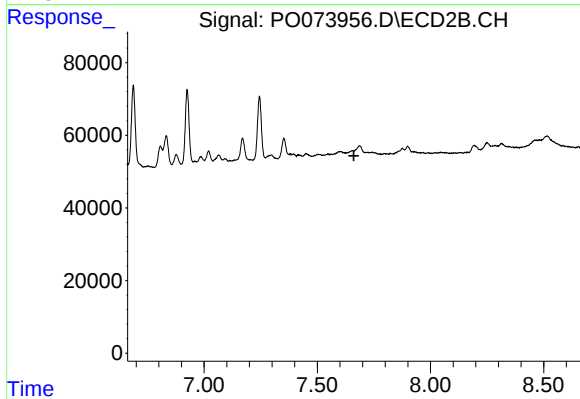
#33 AR-1260-3

R.T.: 7.170 min
Delta R.T.: -0.012 min
Response: 72848
Conc: 20.87 ng/ml



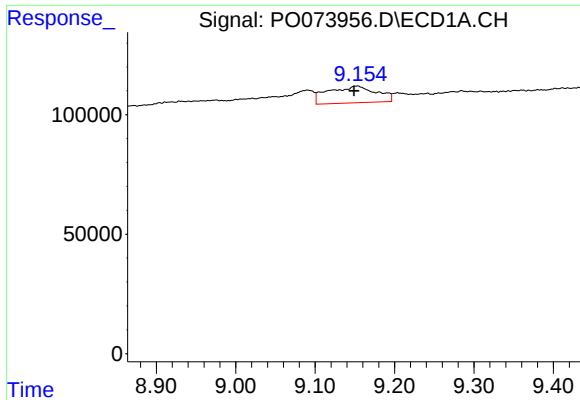
#34 AR-1260-4

R.T.: 8.823 min
Delta R.T.: 0.000 min
Response: 78315
Conc: 16.54 ng/ml



#34 AR-1260-4

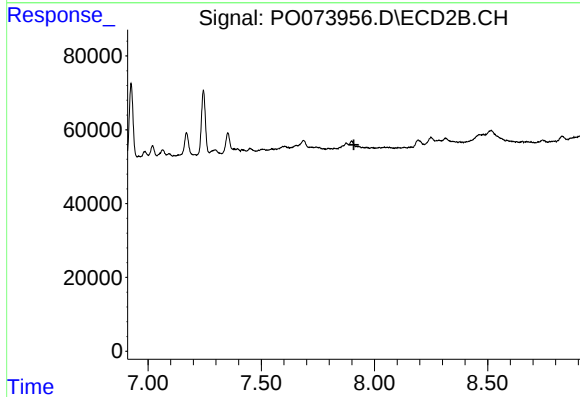
R.T.: 0.000 min
Exp R.T.: 7.662 min
Response: 0
Conc: N.D.



#35 AR-1260-5

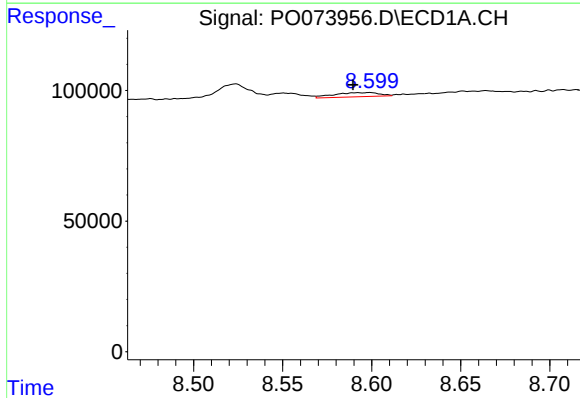
R.T.: 9.153 min
Delta R.T.: 0.004 min
Response: 296987
Conc: 29.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



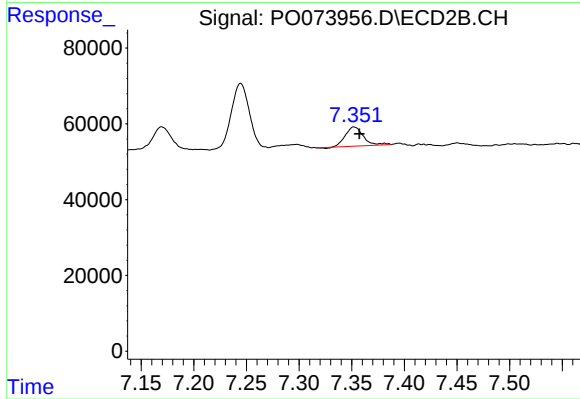
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.909 min
Response: 0
Conc: N.D.



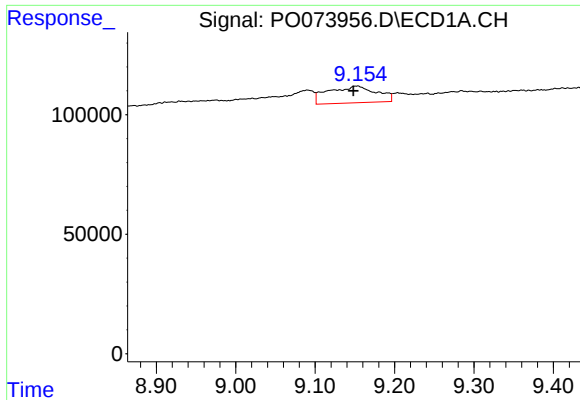
#36 AR-1262-1

R.T.: 8.599 min
Delta R.T.: 0.009 min
Response: 28241
Conc: 3.77 ng/ml



#36 AR-1262-1

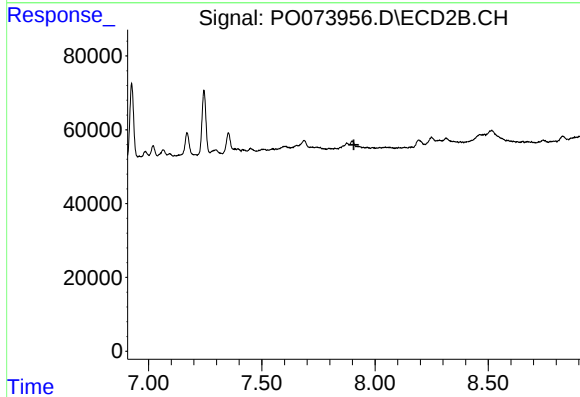
R.T.: 7.352 min
Delta R.T.: -0.005 min
Response: 60363
Conc: 24.15 ng/ml



#37 AR-1262-2

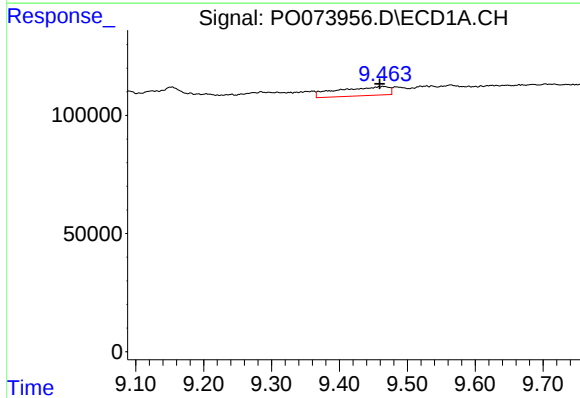
R.T.: 9.153 min
Delta R.T.: 0.005 min
Response: 296987
Conc: 23.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



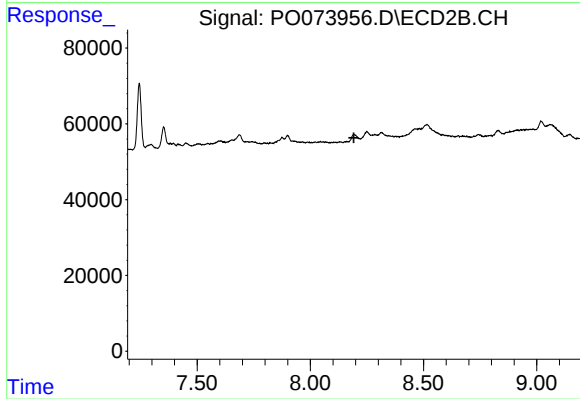
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.907 min
Response: 0
Conc: N.D.



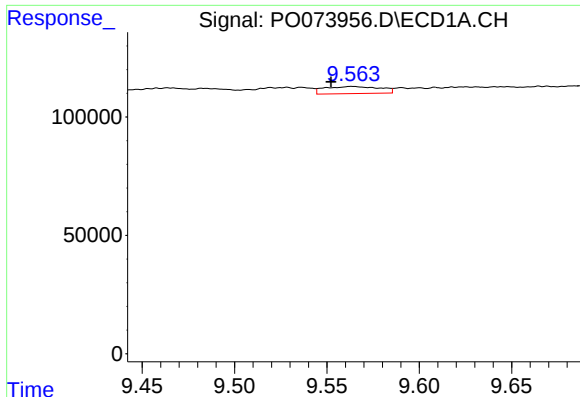
#38 AR-1262-3

R.T.: 9.464 min
Delta R.T.: 0.005 min
Response: 198283
Conc: 23.37 ng/ml



#38 AR-1262-3

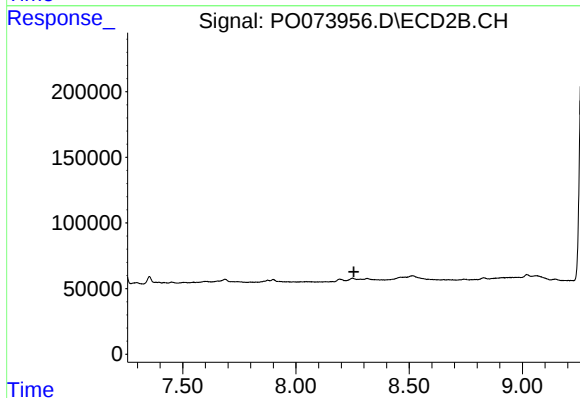
R.T.: 0.000 min
Exp R.T. : 8.192 min
Response: 0
Conc: N.D.



#39 AR-1262-4

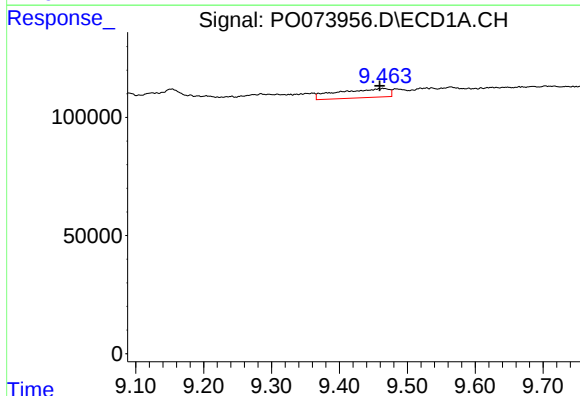
R.T.: 9.564 min
Delta R.T.: 0.012 min
Response: 63132
Conc: 18.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



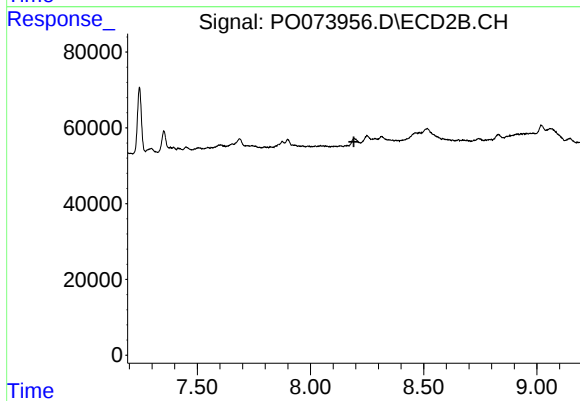
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.256 min
Response: 0
Conc: N.D.



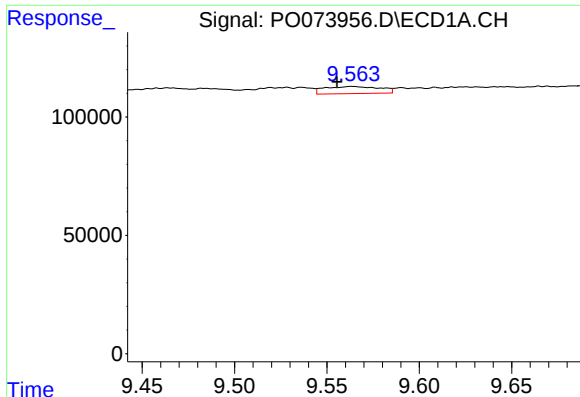
#41 AR-1268-1

R.T.: 9.464 min
Delta R.T.: 0.005 min
Response: 198283
Conc: 13.92 ng/ml



#41 AR-1268-1

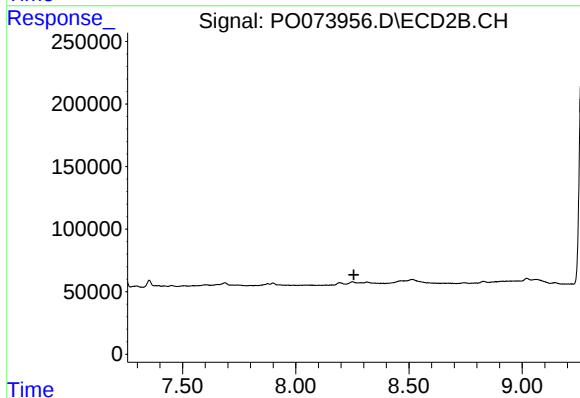
R.T.: 0.000 min
Exp R.T. : 8.192 min
Response: 0
Conc: N.D.



#42 AR-1268-2

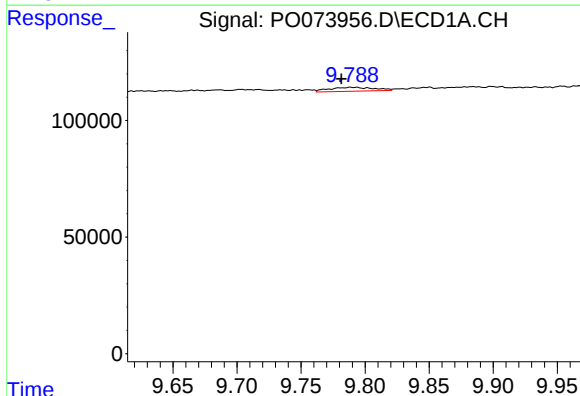
R.T.: 9.564 min
Delta R.T.: 0.008 min
Response: 63132
Conc: 5.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



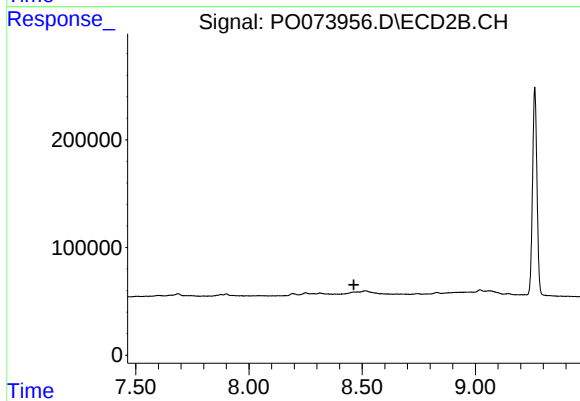
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.257 min
Response: 0
Conc: N.D.



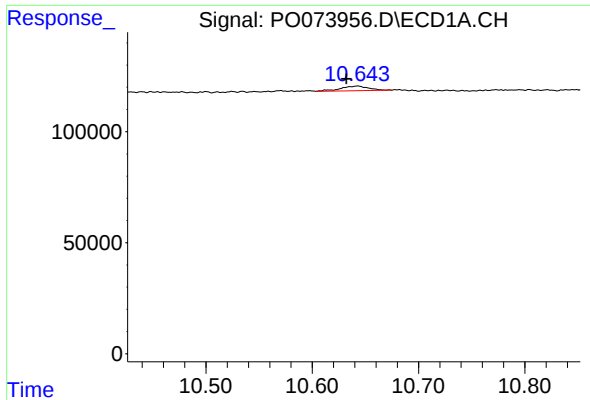
#43 AR-1268-3

R.T.: 9.793 min
Delta R.T.: 0.012 min
Response: 42445
Conc: 3.91 ng/ml



#43 AR-1268-3

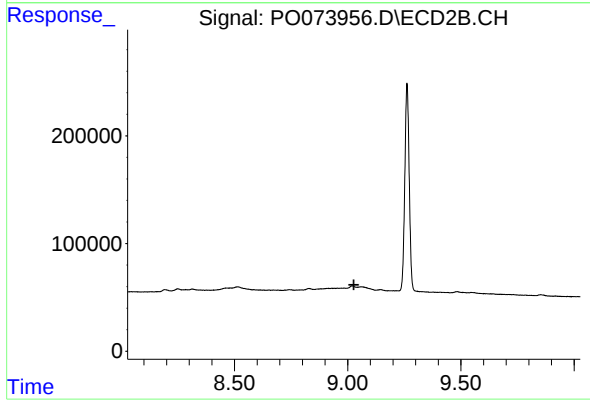
R.T.: 0.000 min
Exp R.T. : 8.463 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.643 min
Delta R.T.: 0.011 min
Response: 38189
Conc: 1.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

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