

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051119\
 Data File : P0056122.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 May 2019 23:02
 Operator : SM/SJ
 Sample : K2766-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 23:56:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 03 15:20:04 2019
 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...	4.264	3.582	695782	672438	23.250	23.809
2)	SA Decachlor...	9.853	8.525	707515	412499	18.909	15.253
Target Compounds							
3)	L1 AR-1016-1	5.448	0.000	28569	0	20.103	N.D. #
4)	L1 AR-1016-2	5.448	0.000	28569	0	14.437	N.D. #
5)	L1 AR-1016-3	0.000	4.845	0	25188	N.D.	25.134 #
6)	L1 AR-1016-4	0.000	4.885	0	64265	N.D.	78.986 #
7)	L1 AR-1016-5	5.896	5.111	36825	39786	32.689	36.141
8)	L2 AR-1221-1	0.000	3.783	0	24650	N.D.	67.140 #
10)	L2 AR-1221-3	4.690	3.995	15351	772999	15.265	870.003 #
11)	L3 AR-1232-1	4.690	3.995	15351	772999	17.872	1044.484 #
12)	L3 AR-1232-2	5.111	0.000	47997	0	98.940	N.D. #
13)	L3 AR-1232-3	5.448	4.845	28569	25188	29.529	52.510 #
14)	L3 AR-1232-4	0.000	4.928	0	38162	N.D.	89.842 #
15)	L3 AR-1232-5	5.700	5.111	1640295	39786	3777.965	82.100 #
16)	L4 AR-1242-1	5.448	0.000	28569	0	23.595	N.D. #
17)	L4 AR-1242-2	5.448	0.000	28569	0	16.921	N.D. #
18)	L4 AR-1242-3	0.000	4.845	0	25188	N.D.	29.084 #
19)	L4 AR-1242-4	0.000	4.928	0	38162	N.D.	45.555 #
20)	L4 AR-1242-5	6.338	5.445	70781	116970	64.701	97.443 #
21)	L5 AR-1248-1	5.448	0.000	28569	0	31.564	N.D. #
22)	L5 AR-1248-2	5.700	4.885	1640295	64265	1229.958	58.489 #
23)	L5 AR-1248-3	5.896	4.928	36825	38162	24.937	33.618 #
24)	L5 AR-1248-4	6.301	5.111	58847	39786	33.748	28.334
25)	L5 AR-1248-5	6.338	5.495	70781	163059	42.376	108.872 #
26)	L6 AR-1254-1	6.301	5.445	58847	116970	28.024	43.705 #
27)	L6 AR-1254-2	6.497	5.590	460460	132744	138.742	54.343 #
28)	L6 AR-1254-3	6.864	5.991	399279	271586	109.827	68.451 #
29)	L6 AR-1254-4	7.138	6.218	136212	84140	50.065	31.382 #
30)	L6 AR-1254-5	7.585	6.632	39746	300502	13.868	83.042 #
31)	L7 AR-1260-1	7.017	6.120	194949	186451	90.275	84.628
32)	L7 AR-1260-2	7.271	6.303	189449	59016	72.339	19.327 #
33)	L7 AR-1260-3	7.628	6.458	124835	54974	62.418	22.060 #
34)	L7 AR-1260-4	7.873	6.925	425487	98116	183.986	47.549 #
35)	L7 AR-1260-5	8.162	7.167	130117	204180	30.671	40.655 #
36)	L8 AR-1262-1	7.628	6.700	124835	32013	38.940	7.807 #
37)	L8 AR-1262-2	8.162	7.167	130117	204180	24.236	32.654 #
38)	L8 AR-1262-3	8.472	7.447	85493	62848	23.559	25.517
39)	L8 AR-1262-4	8.545	7.513	56684	120159	20.877	29.343 #
40)	L8 AR-1262-5	9.160	8.004	62362	75057	34.521	44.044 #
41)	L9 AR-1268-1	8.472	7.447	85493	62848	14.157	9.071 #
42)	L9 AR-1268-2	8.545	7.513	56684	120159	10.356	21.121 #

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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
43) L9	AR-1268-3	0.000	7.749	0	50259	N.D.	10.641 #
44) L9	AR-1268-4	9.160	8.004	62362	75057	31.782	39.677
45) L9	AR-1268-5	9.534	8.282	66514	42825	4.930	3.517 #

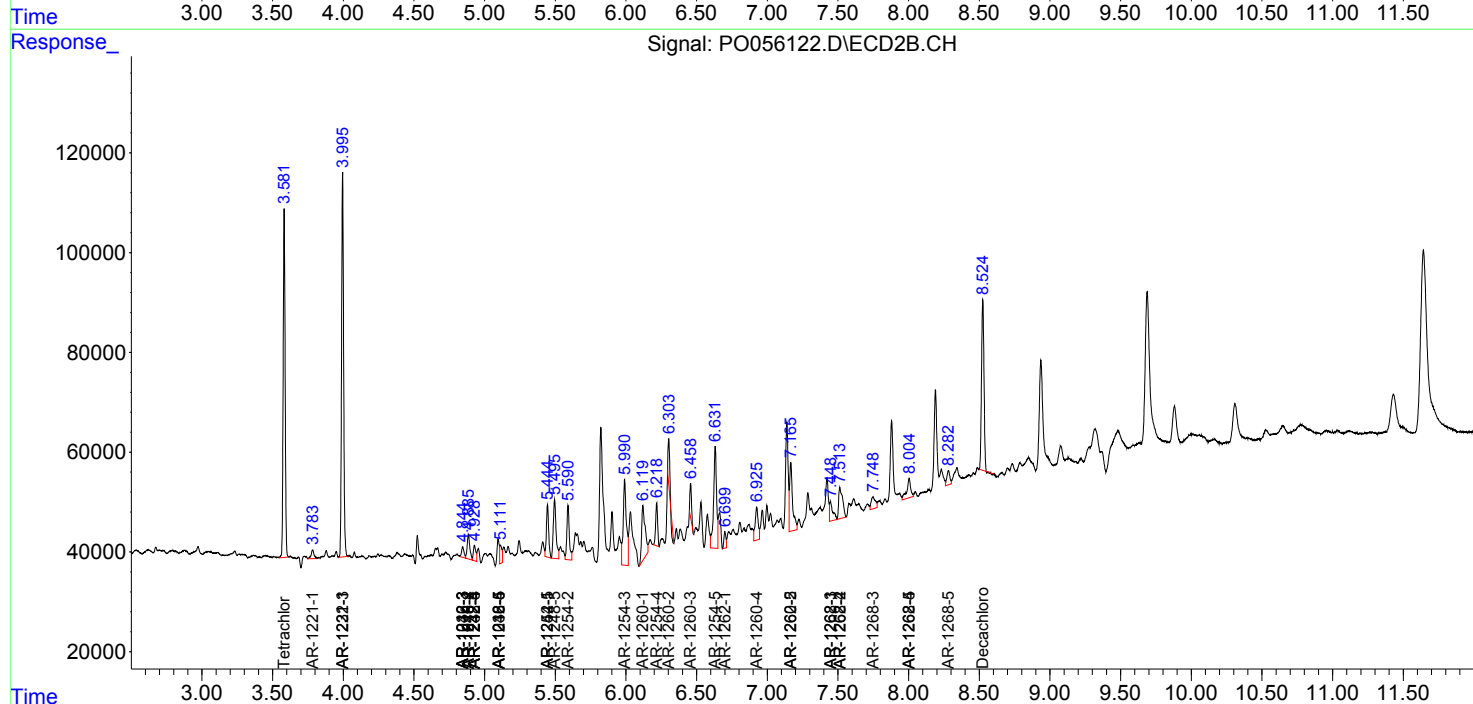
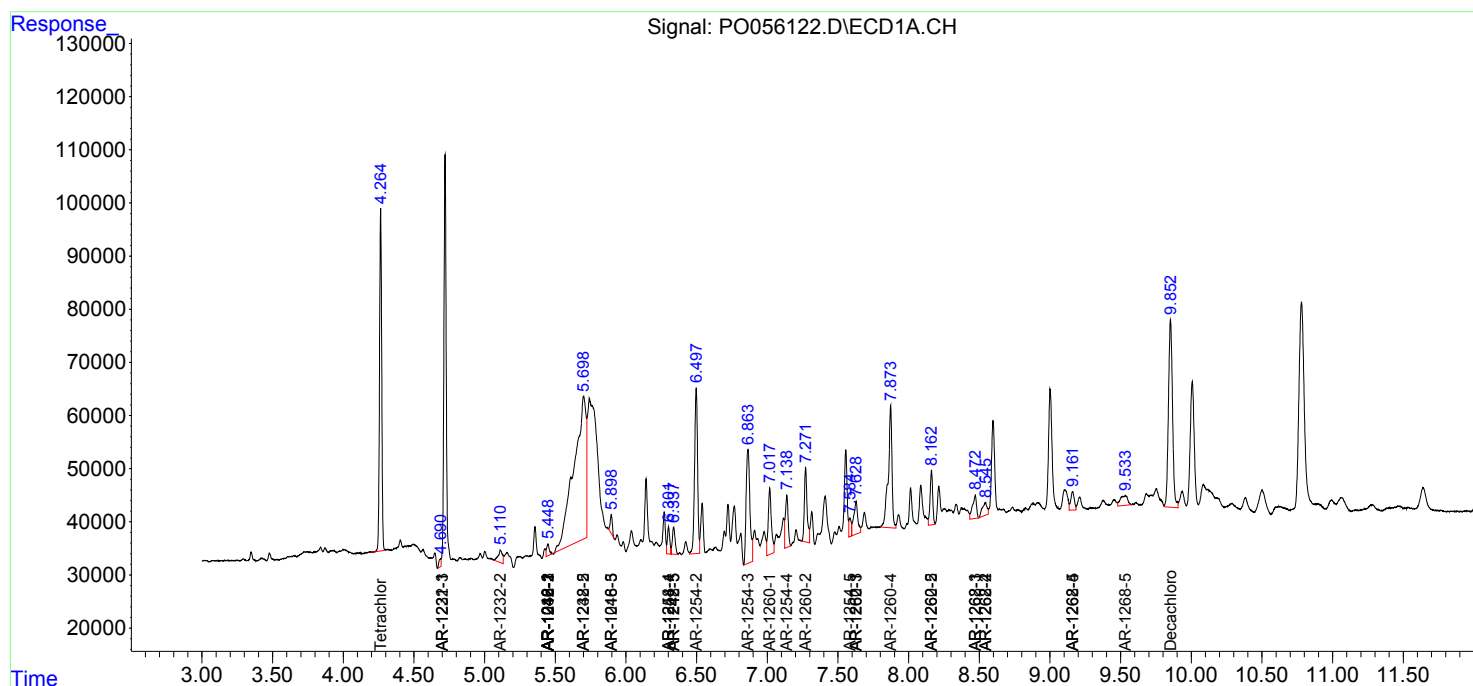
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

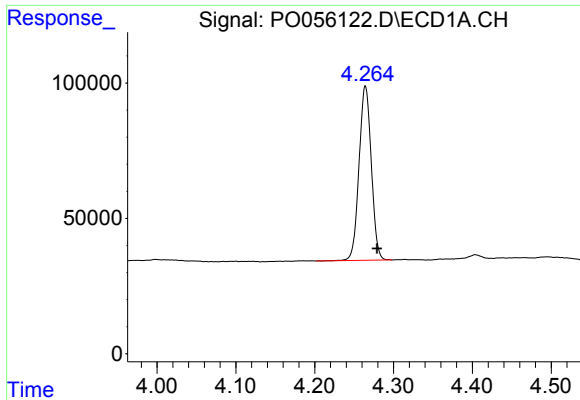
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

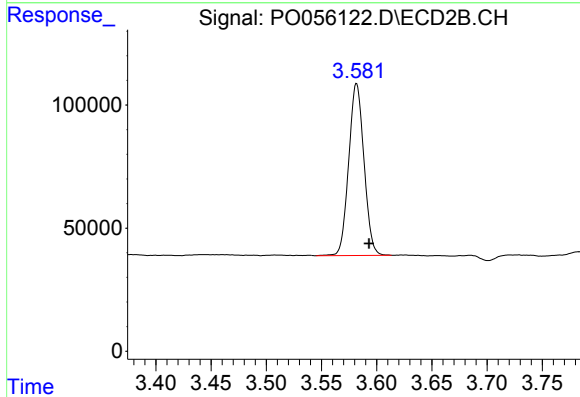




#1 Tetrachloro-m-xylene

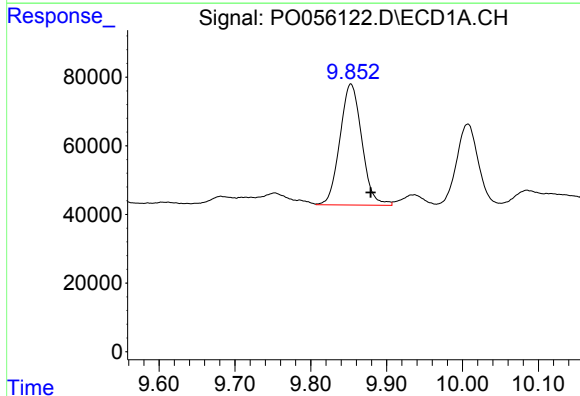
R.T.: 4.264 min
Delta R.T.: -0.015 min
Response: 695782
Conc: 23.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



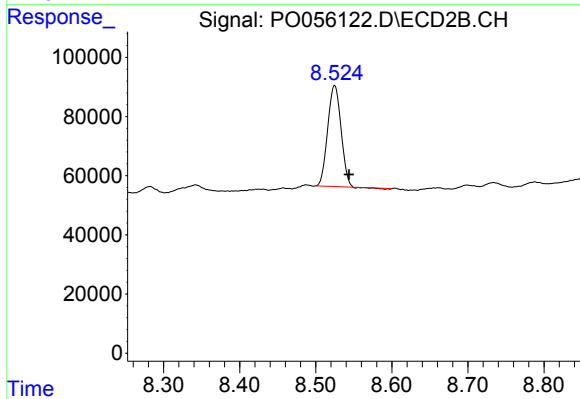
#1 Tetrachloro-m-xylene

R.T.: 3.582 min
Delta R.T.: -0.011 min
Response: 672438
Conc: 23.81 ng/ml



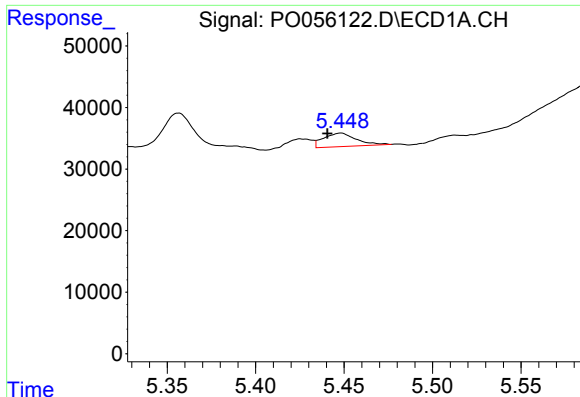
#2 Decachlorobiphenyl

R.T.: 9.853 min
Delta R.T.: -0.026 min
Response: 707515
Conc: 18.91 ng/ml



#2 Decachlorobiphenyl

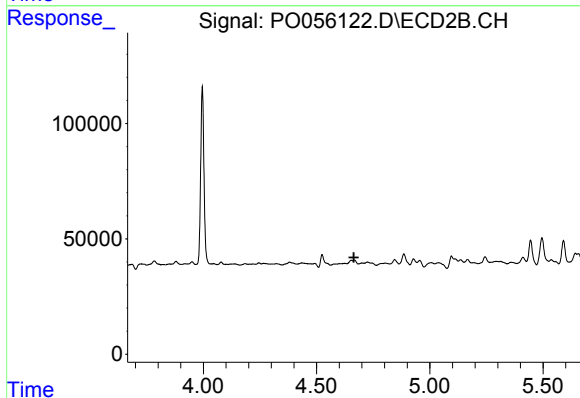
R.T.: 8.525 min
Delta R.T.: -0.019 min
Response: 412499
Conc: 15.25 ng/ml



#3 AR-1016-1

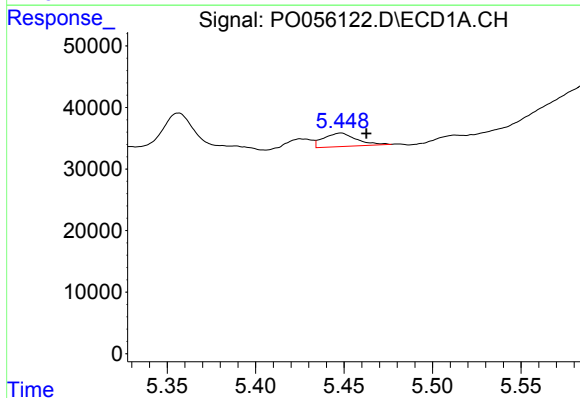
R.T.: 5.448 min
Delta R.T.: 0.008 min
Response: 28569
Conc: 20.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



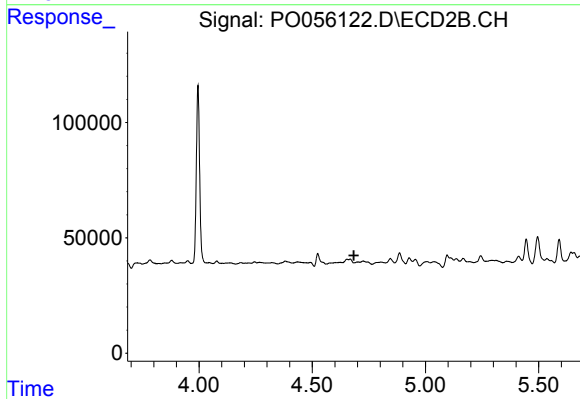
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.665 min
Response: 0
Conc: N.D.



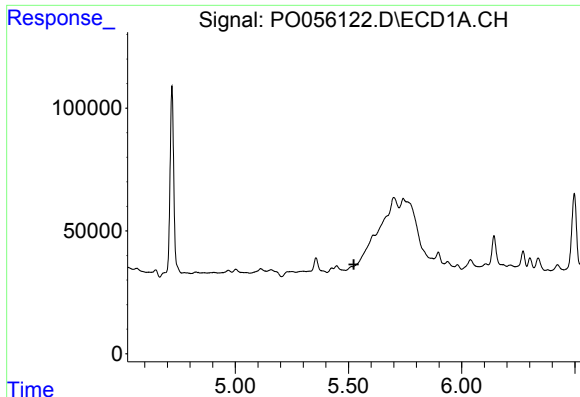
#4 AR-1016-2

R.T.: 5.448 min
Delta R.T.: -0.014 min
Response: 28569
Conc: 14.44 ng/ml



#4 AR-1016-2

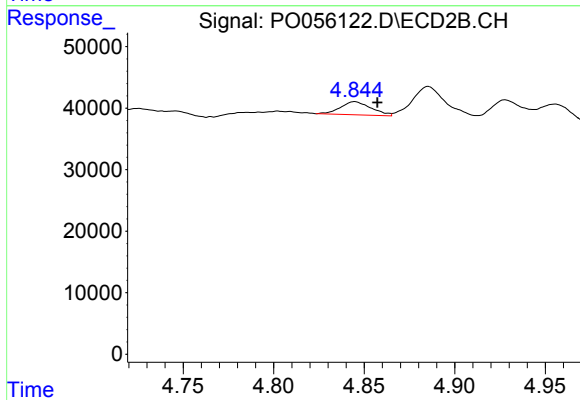
R.T.: 0.000 min
Exp R.T. : 4.684 min
Response: 0
Conc: N.D.



#5 AR-1016-3

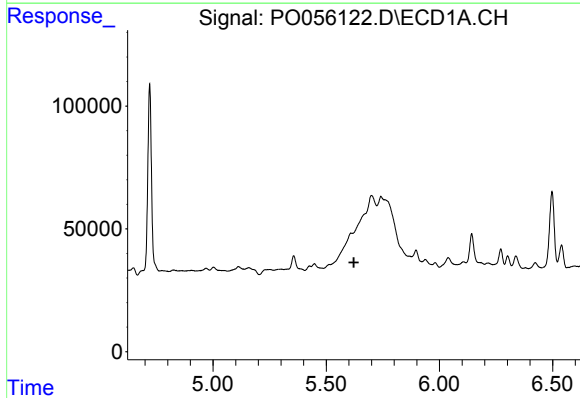
R.T.: 0.000 min
Exp R.T.: 5.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



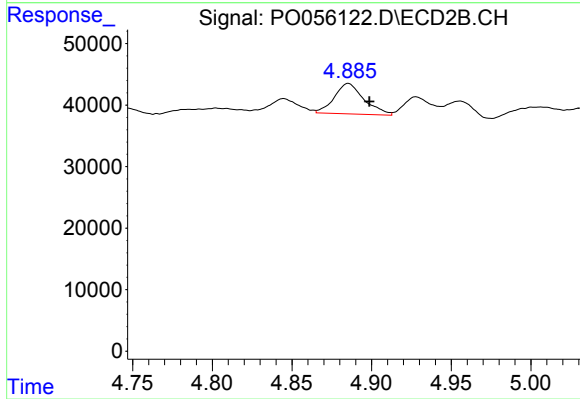
#5 AR-1016-3

R.T.: 4.845 min
Delta R.T.: -0.013 min
Response: 25188
Conc: 25.13 ng/ml



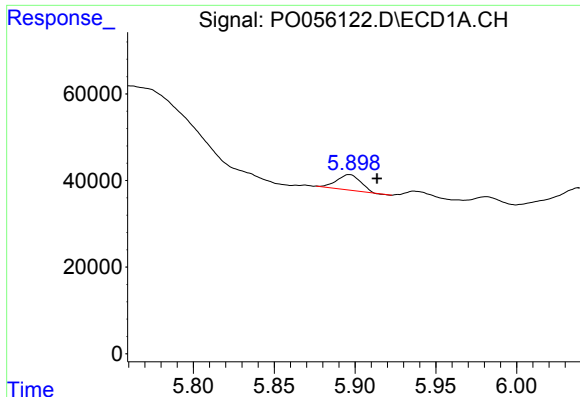
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.622 min
Response: 0
Conc: N.D.



#6 AR-1016-4

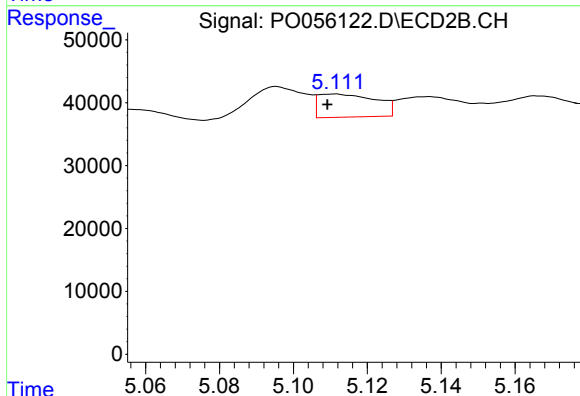
R.T.: 4.885 min
Delta R.T.: -0.013 min
Response: 64265
Conc: 78.99 ng/ml



#7 AR-1016-5

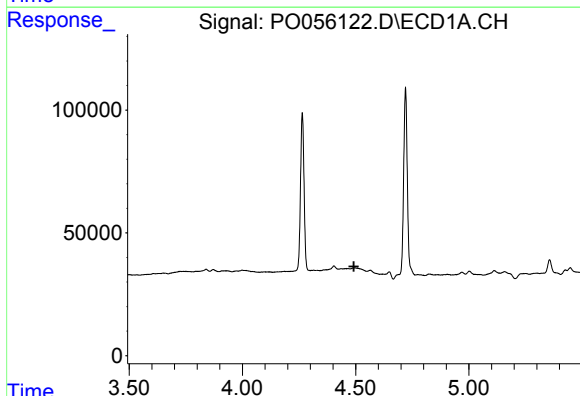
R.T.: 5.896 min
Delta R.T.: -0.017 min
Response: 36825
Conc: 32.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



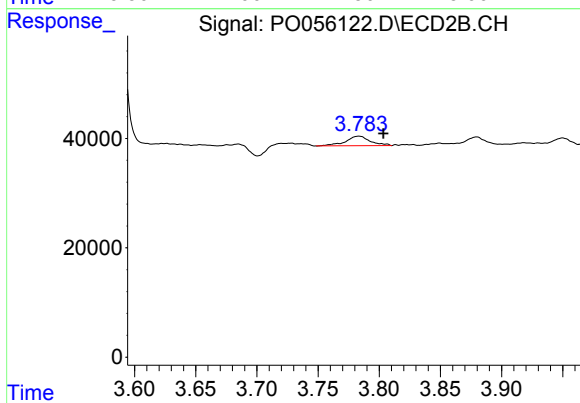
#7 AR-1016-5

R.T.: 5.111 min
Delta R.T.: 0.002 min
Response: 39786
Conc: 36.14 ng/ml



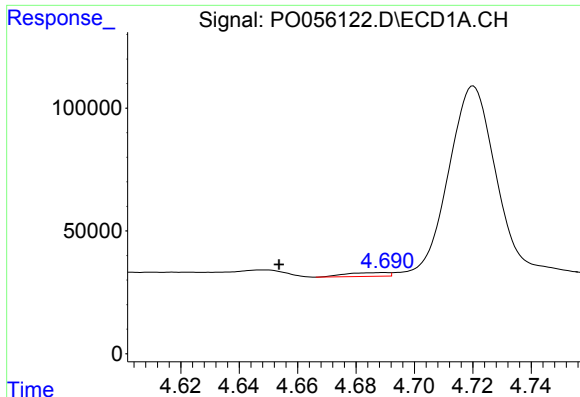
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.492 min
Response: 0
Conc: N.D.



#8 AR-1221-1

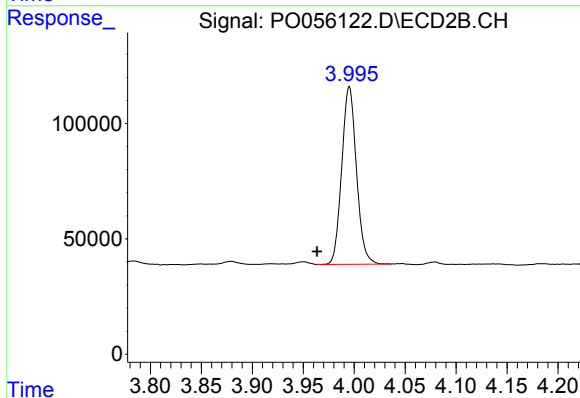
R.T.: 3.783 min
Delta R.T.: -0.020 min
Response: 24650
Conc: 67.14 ng/ml



#10 AR-1221-3

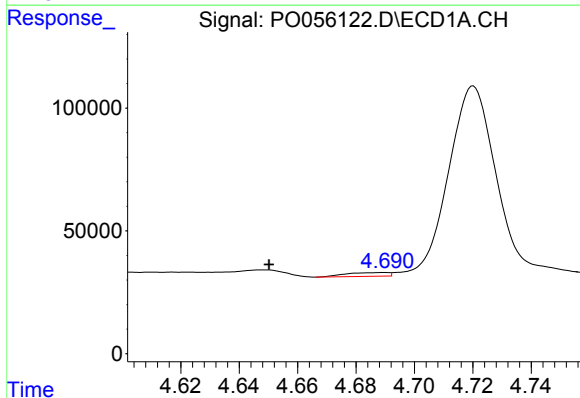
R.T.: 4.690 min
Delta R.T.: 0.036 min
Response: 15351
Conc: 15.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



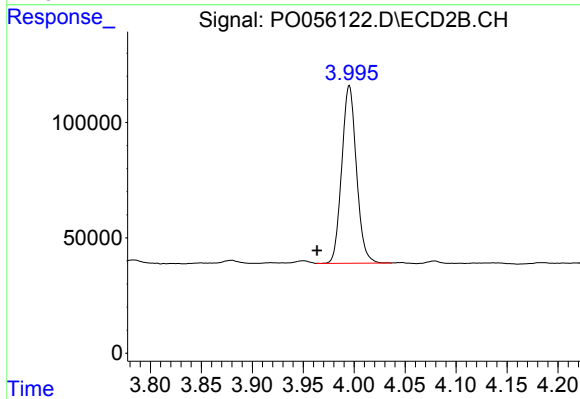
#10 AR-1221-3

R.T.: 3.995 min
Delta R.T.: 0.032 min
Response: 772999
Conc: 870.00 ng/ml



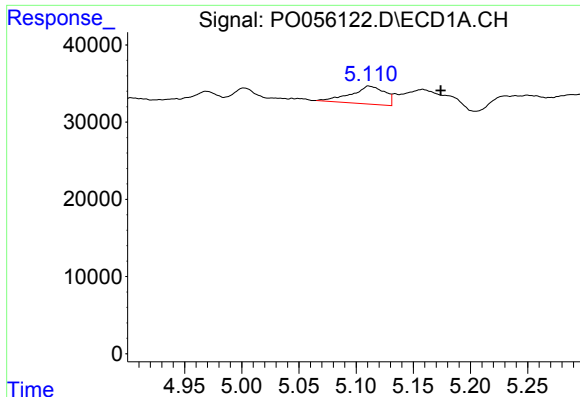
#11 AR-1232-1

R.T.: 4.690 min
Delta R.T.: 0.040 min
Response: 15351
Conc: 17.87 ng/ml



#11 AR-1232-1

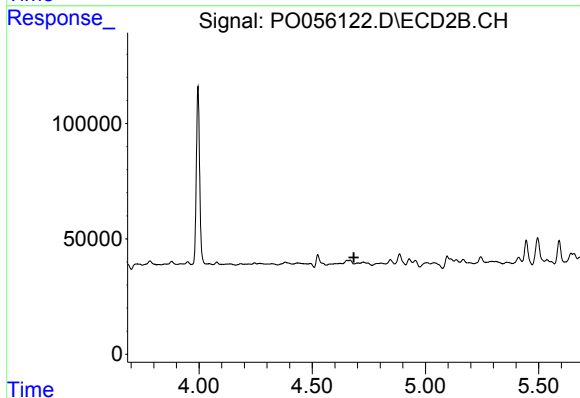
R.T.: 3.995 min
Delta R.T.: 0.032 min
Response: 772999
Conc: 1044.48 ng/ml



#12 AR-1232-2

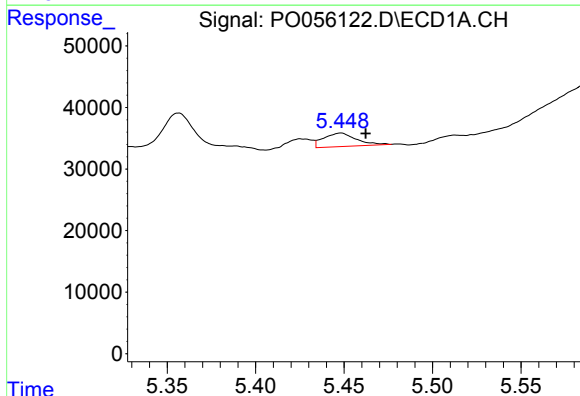
R.T.: 5.111 min
Delta R.T.: -0.063 min
Response: 47997
Conc: 98.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



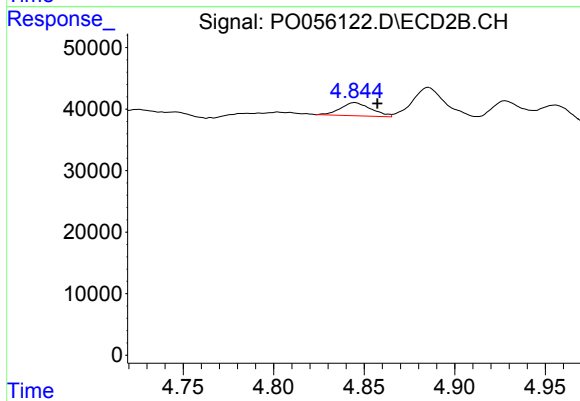
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.684 min
Response: 0
Conc: N.D.



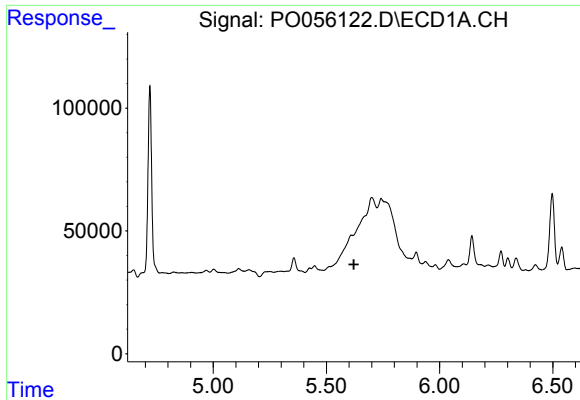
#13 AR-1232-3

R.T.: 5.448 min
Delta R.T.: -0.014 min
Response: 28569
Conc: 29.53 ng/ml



#13 AR-1232-3

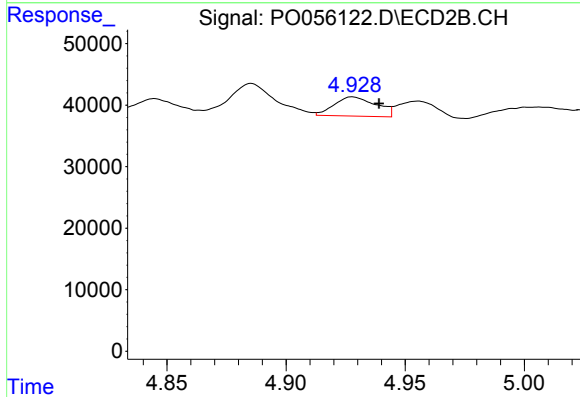
R.T.: 4.845 min
Delta R.T.: -0.013 min
Response: 25188
Conc: 52.51 ng/ml



#14 AR-1232-4

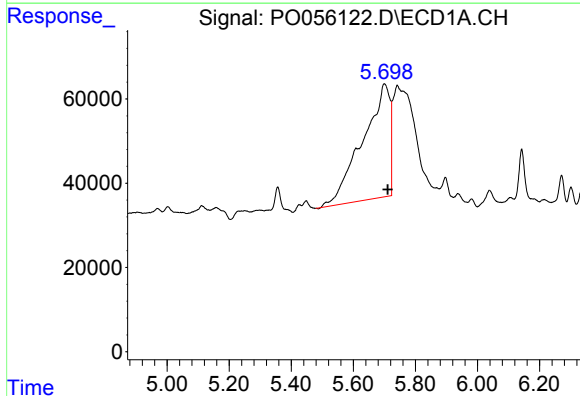
R.T.: 0.000 min
Exp R.T.: 5.622 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



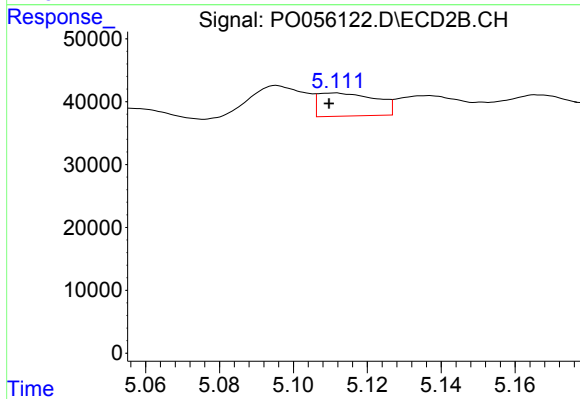
#14 AR-1232-4

R.T.: 4.928 min
Delta R.T.: -0.011 min
Response: 38162
Conc: 89.84 ng/ml



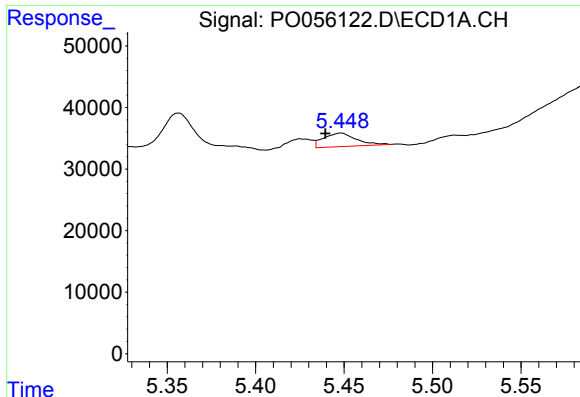
#15 AR-1232-5

R.T.: 5.700 min
Delta R.T.: -0.011 min
Response: 1640295
Conc: 3777.96 ng/ml



#15 AR-1232-5

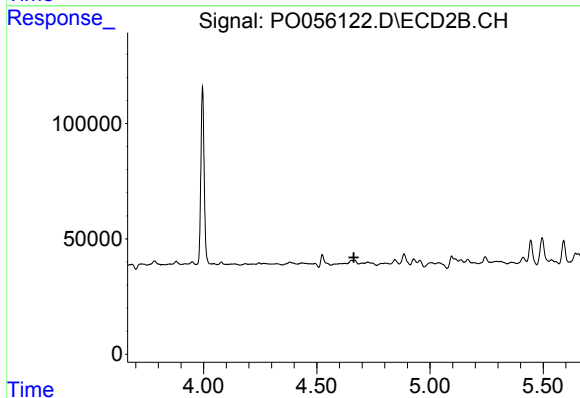
R.T.: 5.111 min
Delta R.T.: 0.002 min
Response: 39786
Conc: 82.10 ng/ml



#16 AR-1242-1

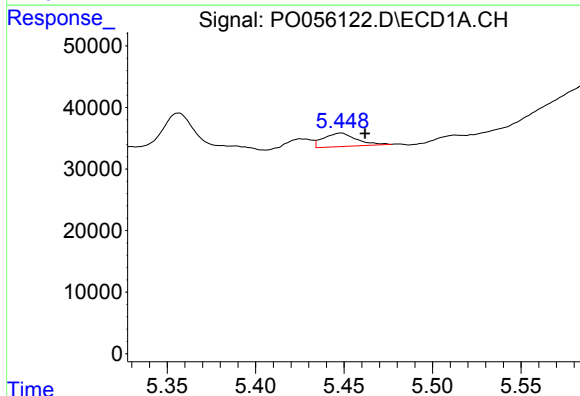
R.T.: 5.448 min
Delta R.T.: 0.009 min
Response: 28569
Conc: 23.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



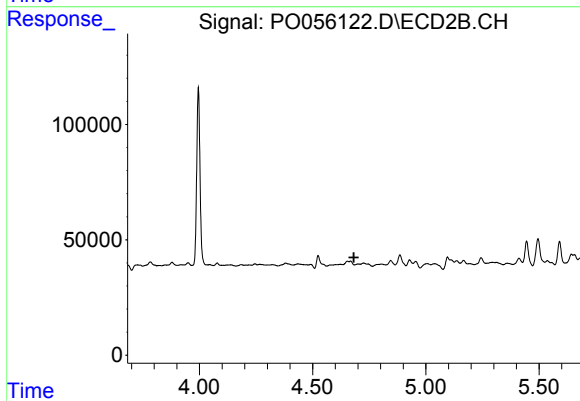
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.



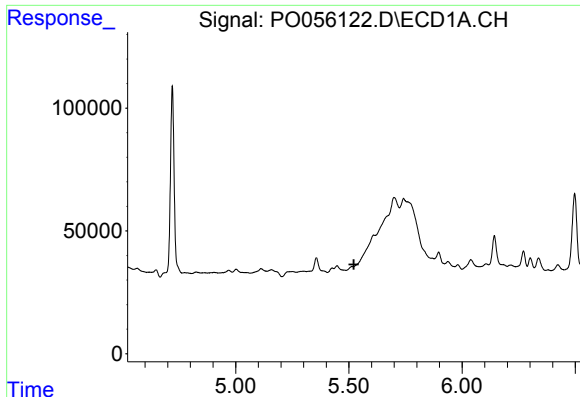
#17 AR-1242-2

R.T.: 5.448 min
Delta R.T.: -0.013 min
Response: 28569
Conc: 16.92 ng/ml



#17 AR-1242-2

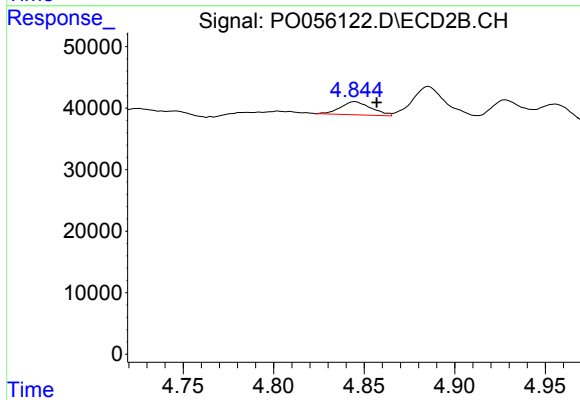
R.T.: 0.000 min
Exp R.T. : 4.682 min
Response: 0
Conc: N.D.



#18 AR-1242-3

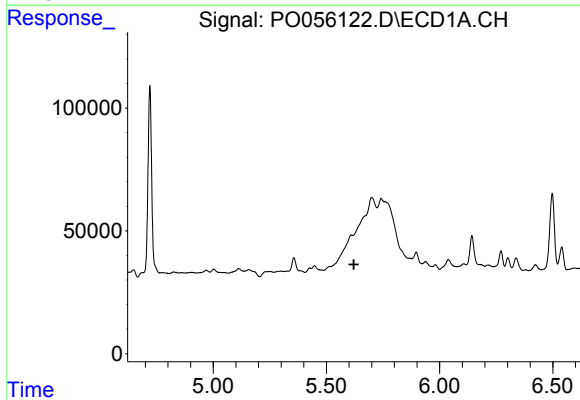
R.T.: 0.000 min
Exp R.T.: 5.522 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



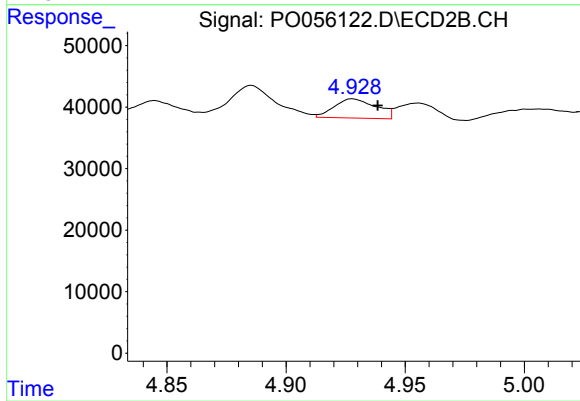
#18 AR-1242-3

R.T.: 4.845 min
Delta R.T.: -0.012 min
Response: 25188
Conc: 29.08 ng/ml



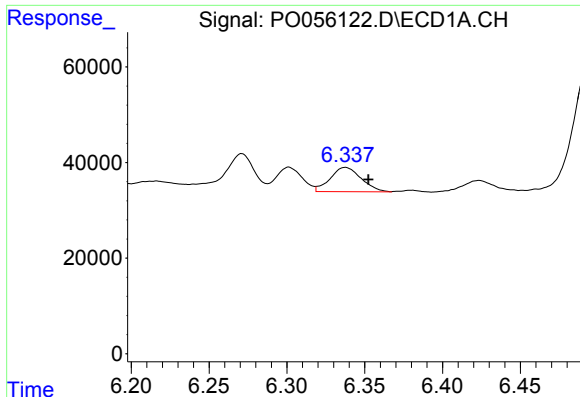
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.621 min
Response: 0
Conc: N.D.



#19 AR-1242-4

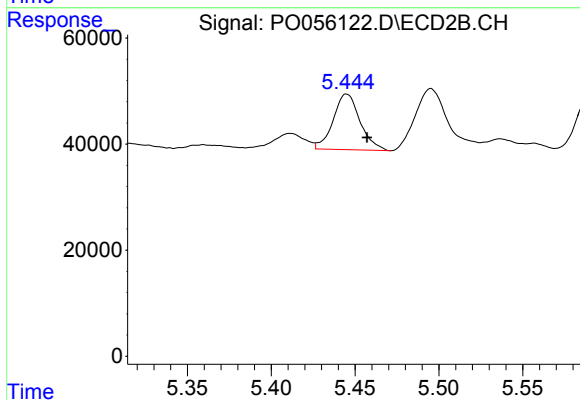
R.T.: 4.928 min
Delta R.T.: -0.011 min
Response: 38162
Conc: 45.56 ng/ml



#20 AR-1242-5

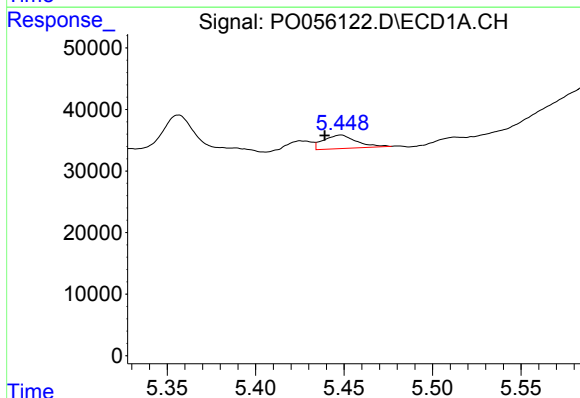
R.T.: 6.338 min
Delta R.T.: -0.015 min
Response: 70781
Conc: 64.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



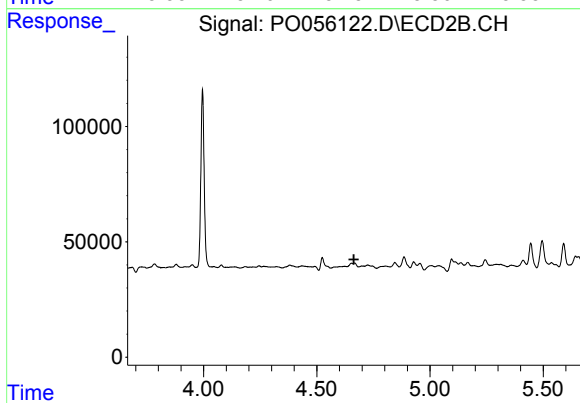
#20 AR-1242-5

R.T.: 5.445 min
Delta R.T.: -0.012 min
Response: 116970
Conc: 97.44 ng/ml



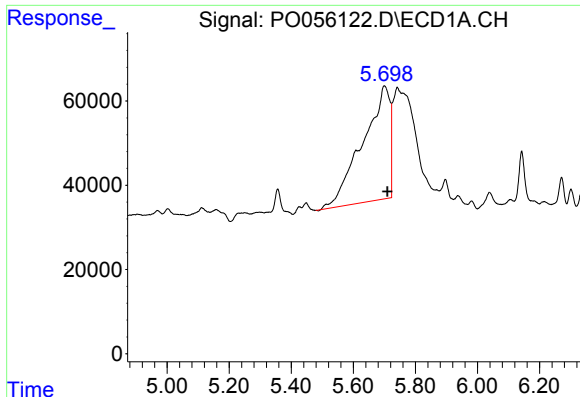
#21 AR-1248-1

R.T.: 5.448 min
Delta R.T.: 0.009 min
Response: 28569
Conc: 31.56 ng/ml



#21 AR-1248-1

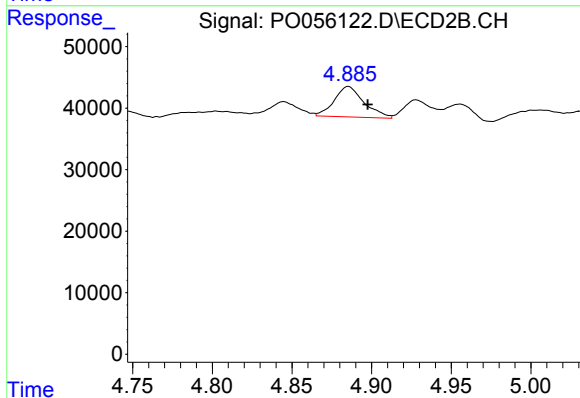
R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.



#22 AR-1248-2

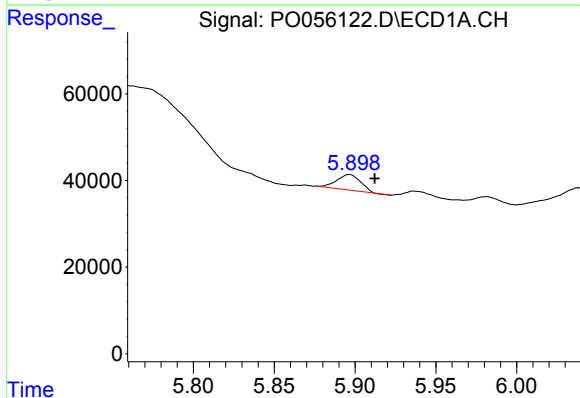
R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 1640295
Conc: 1229.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



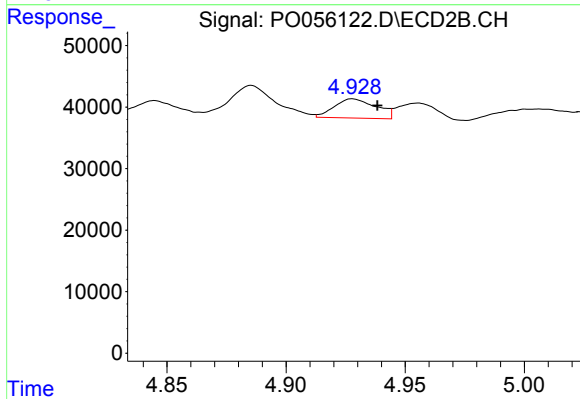
#22 AR-1248-2

R.T.: 4.885 min
Delta R.T.: -0.012 min
Response: 64265
Conc: 58.49 ng/ml



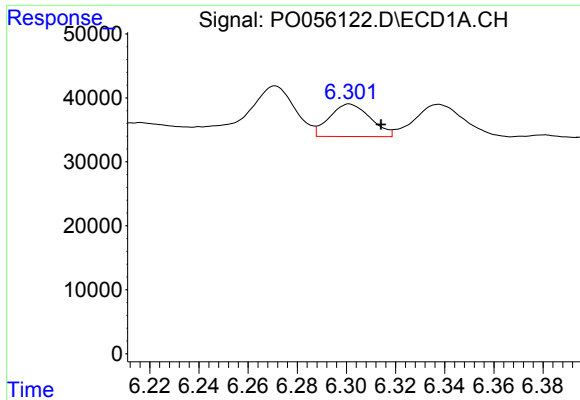
#23 AR-1248-3

R.T.: 5.896 min
Delta R.T.: -0.016 min
Response: 36825
Conc: 24.94 ng/ml



#23 AR-1248-3

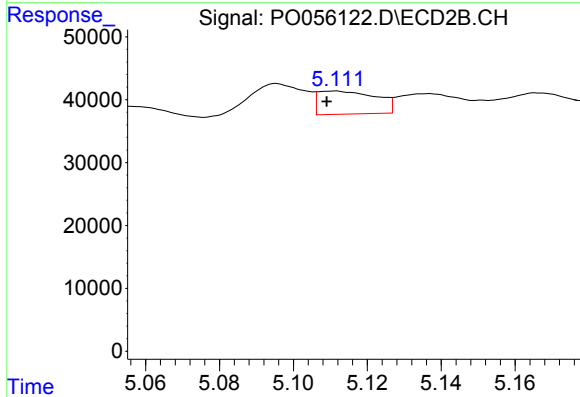
R.T.: 4.928 min
Delta R.T.: -0.011 min
Response: 38162
Conc: 33.62 ng/ml



#24 AR-1248-4

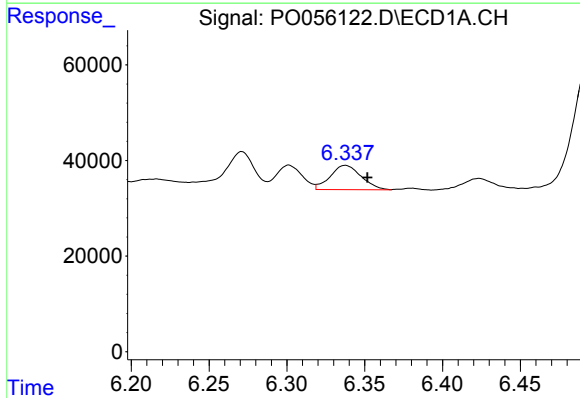
R.T.: 6.301 min
Delta R.T.: -0.013 min
Response: 58847
Conc: 33.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



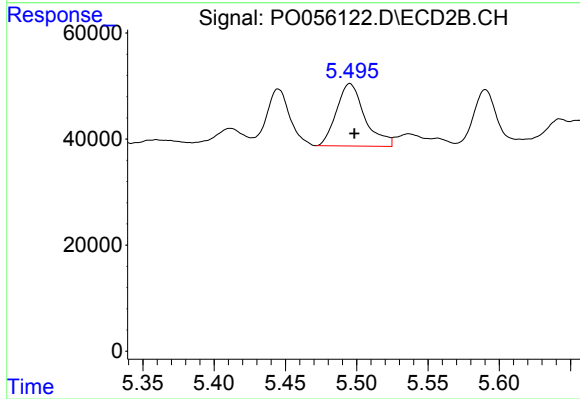
#24 AR-1248-4

R.T.: 5.111 min
Delta R.T.: 0.002 min
Response: 39786
Conc: 28.33 ng/ml



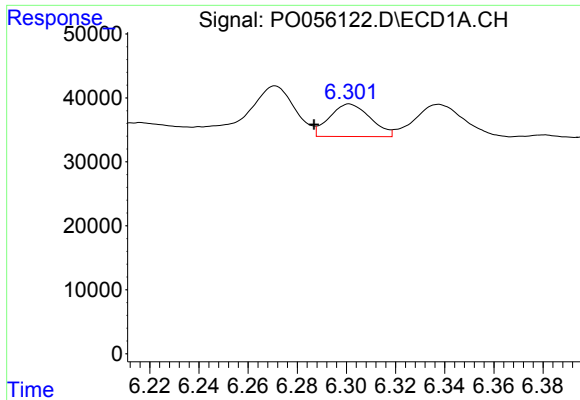
#25 AR-1248-5

R.T.: 6.338 min
Delta R.T.: -0.014 min
Response: 70781
Conc: 42.38 ng/ml



#25 AR-1248-5

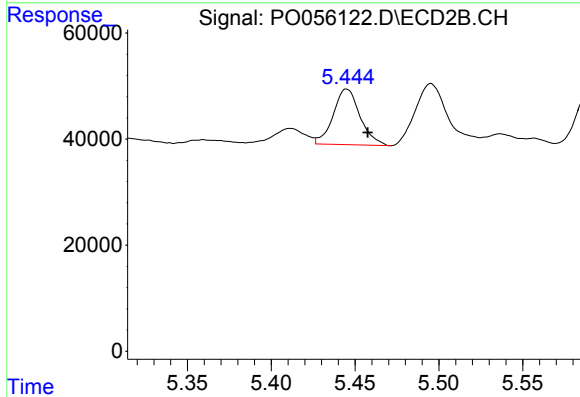
R.T.: 5.495 min
Delta R.T.: -0.003 min
Response: 163059
Conc: 108.87 ng/ml



#26 AR-1254-1

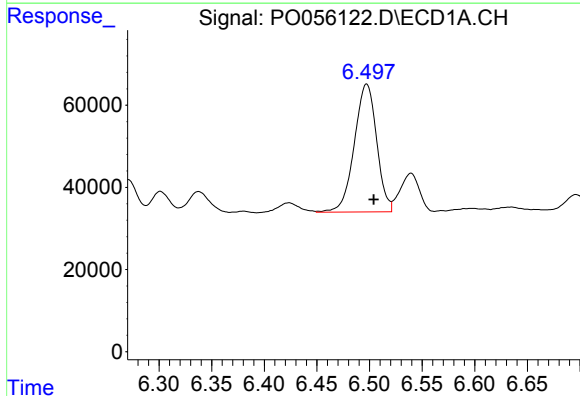
R.T.: 6.301 min
Delta R.T.: 0.014 min
Response: 58847
Conc: 28.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



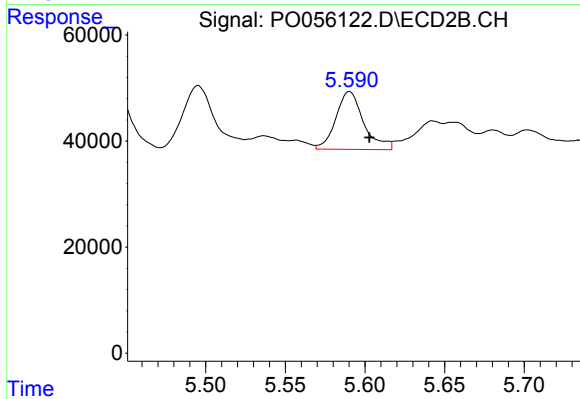
#26 AR-1254-1

R.T.: 5.445 min
Delta R.T.: -0.013 min
Response: 116970
Conc: 43.71 ng/ml



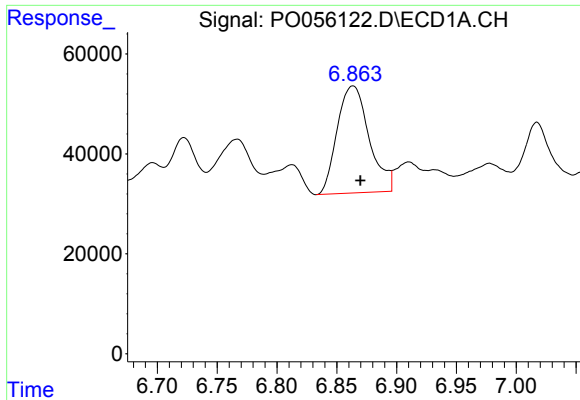
#27 AR-1254-2

R.T.: 6.497 min
Delta R.T.: -0.007 min
Response: 460460
Conc: 138.74 ng/ml



#27 AR-1254-2

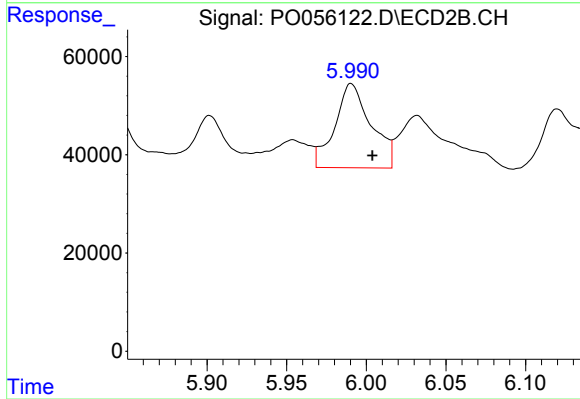
R.T.: 5.590 min
Delta R.T.: -0.012 min
Response: 132744
Conc: 54.34 ng/ml



#28 AR-1254-3

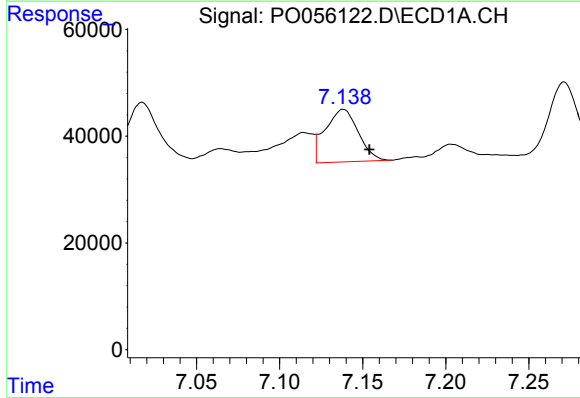
R.T.: 6.864 min
Delta R.T.: -0.006 min
Response: 399279
Conc: 109.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



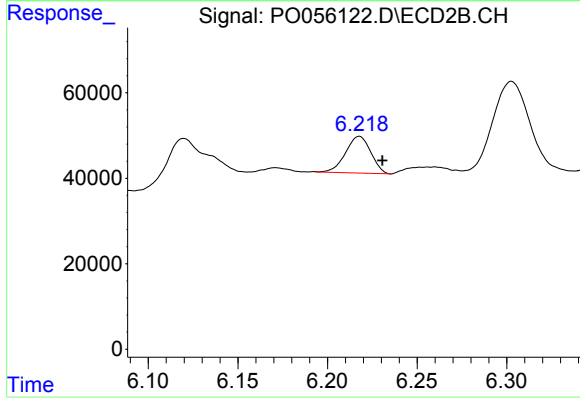
#28 AR-1254-3

R.T.: 5.991 min
Delta R.T.: -0.013 min
Response: 271586
Conc: 68.45 ng/ml



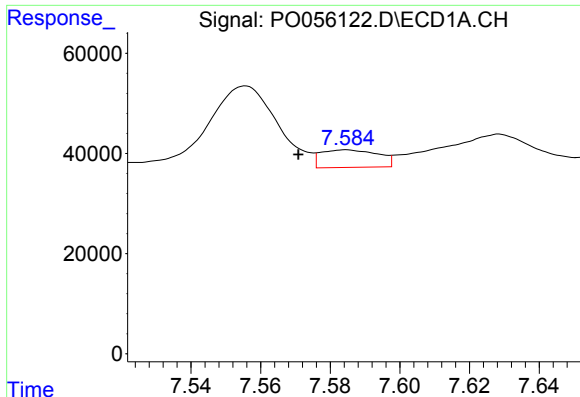
#29 AR-1254-4

R.T.: 7.138 min
Delta R.T.: -0.016 min
Response: 136212
Conc: 50.07 ng/ml



#29 AR-1254-4

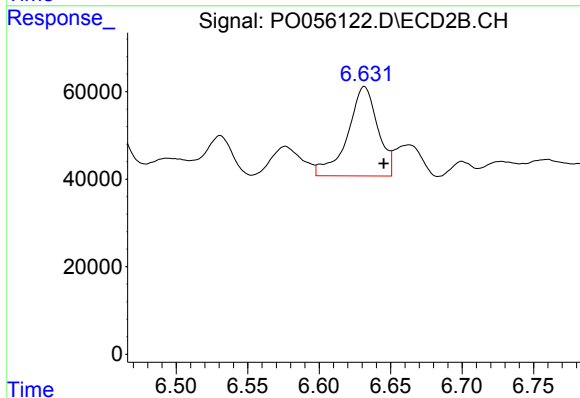
R.T.: 6.218 min
Delta R.T.: -0.013 min
Response: 84140
Conc: 31.38 ng/ml



#30 AR-1254-5

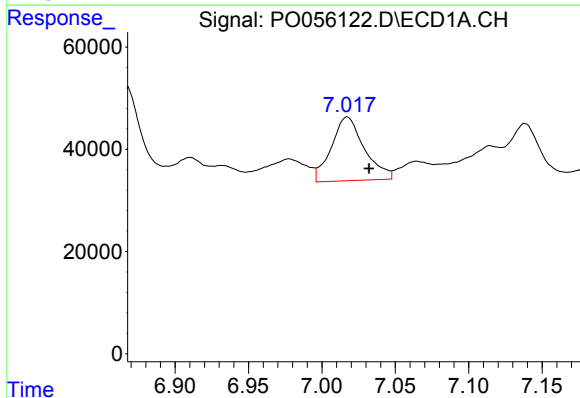
R.T.: 7.585 min
Delta R.T.: 0.014 min
Response: 39746
Conc: 13.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



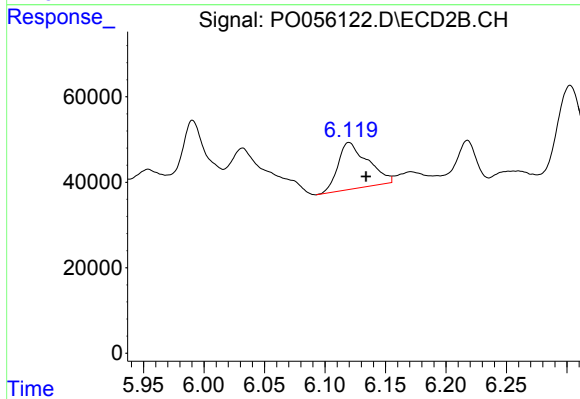
#30 AR-1254-5

R.T.: 6.632 min
Delta R.T.: -0.014 min
Response: 300502
Conc: 83.04 ng/ml



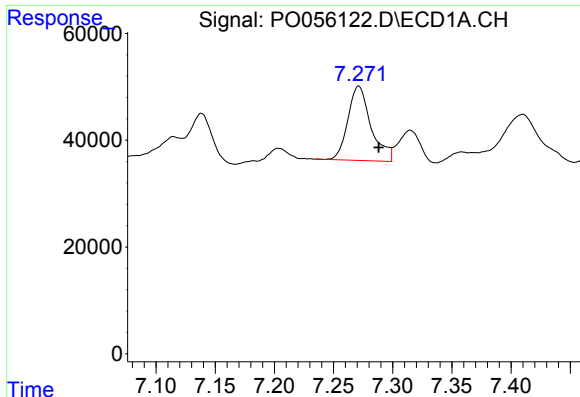
#31 AR-1260-1

R.T.: 7.017 min
Delta R.T.: -0.015 min
Response: 194949
Conc: 90.28 ng/ml



#31 AR-1260-1

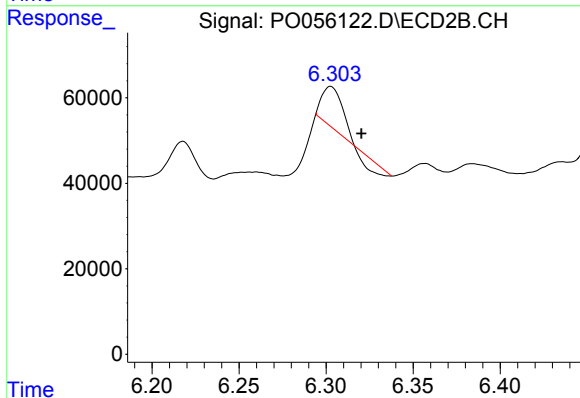
R.T.: 6.120 min
Delta R.T.: -0.014 min
Response: 186451
Conc: 84.63 ng/ml



#32 AR-1260-2

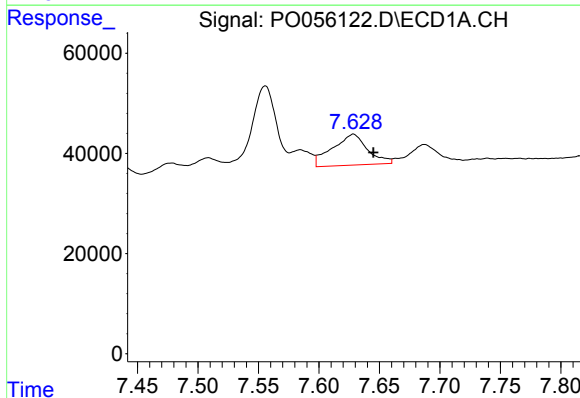
R.T.: 7.271 min
Delta R.T.: -0.017 min
Response: 189449
Conc: 72.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



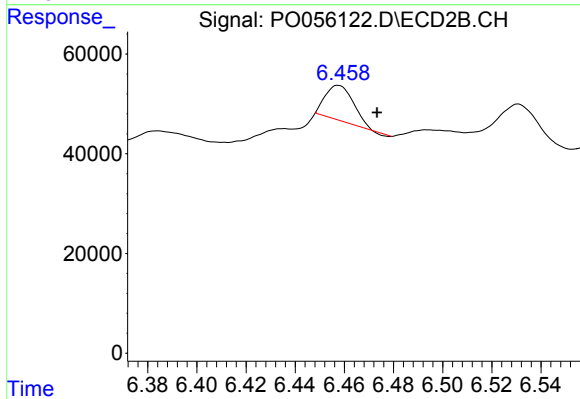
#32 AR-1260-2

R.T.: 6.303 min
Delta R.T.: -0.018 min
Response: 59016
Conc: 19.33 ng/ml



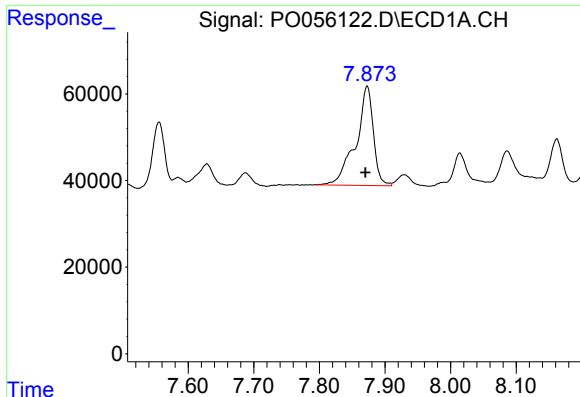
#33 AR-1260-3

R.T.: 7.628 min
Delta R.T.: -0.016 min
Response: 124835
Conc: 62.42 ng/ml



#33 AR-1260-3

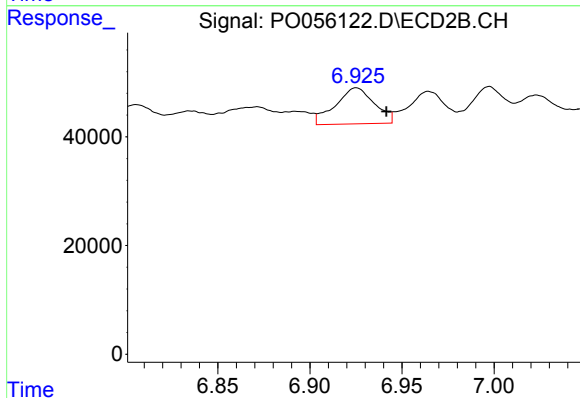
R.T.: 6.458 min
Delta R.T.: -0.016 min
Response: 54974
Conc: 22.06 ng/ml



#34 AR-1260-4

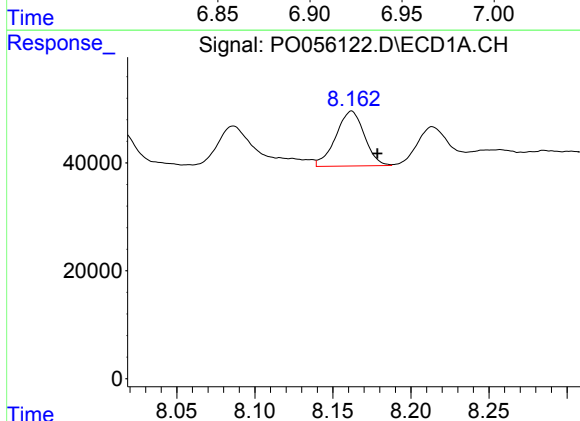
R.T.: 7.873 min
Delta R.T.: 0.003 min
Response: 425487
Conc: 183.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



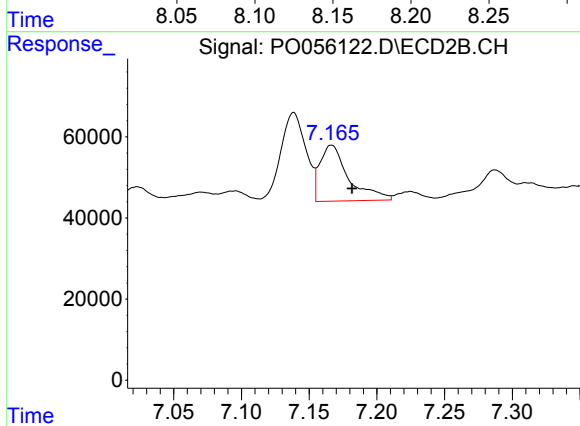
#34 AR-1260-4

R.T.: 6.925 min
Delta R.T.: -0.016 min
Response: 98116
Conc: 47.55 ng/ml



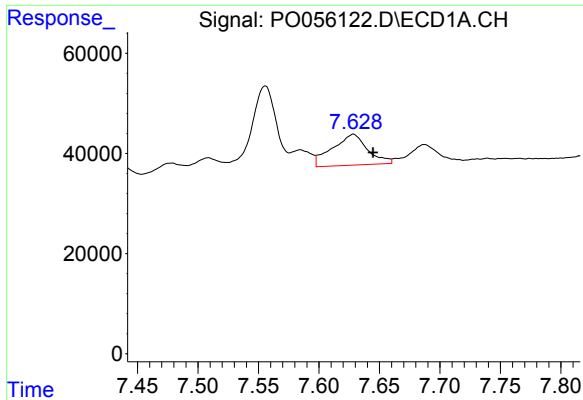
#35 AR-1260-5

R.T.: 8.162 min
Delta R.T.: -0.017 min
Response: 130117
Conc: 30.67 ng/ml



#35 AR-1260-5

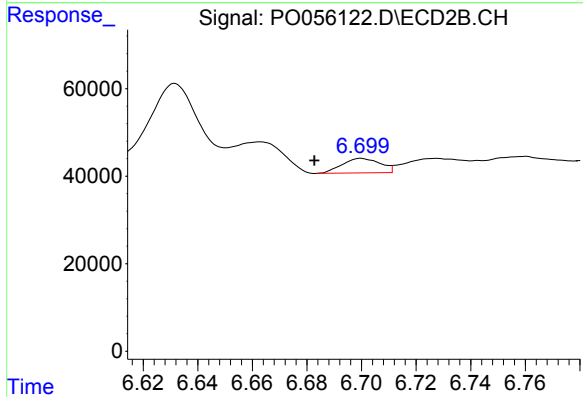
R.T.: 7.167 min
Delta R.T.: -0.015 min
Response: 204180
Conc: 40.65 ng/ml



#36 AR-1262-1

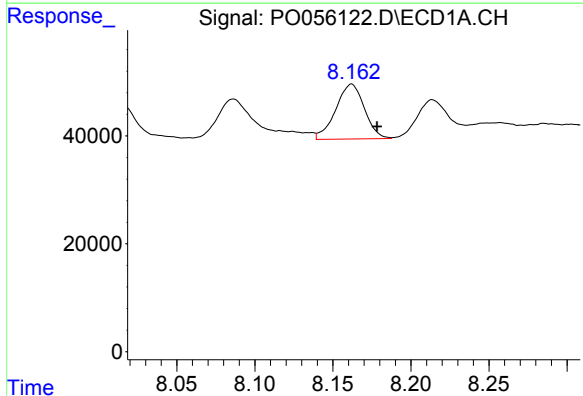
R.T.: 7.628 min
Delta R.T.: -0.016 min
Response: 124835
Conc: 38.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



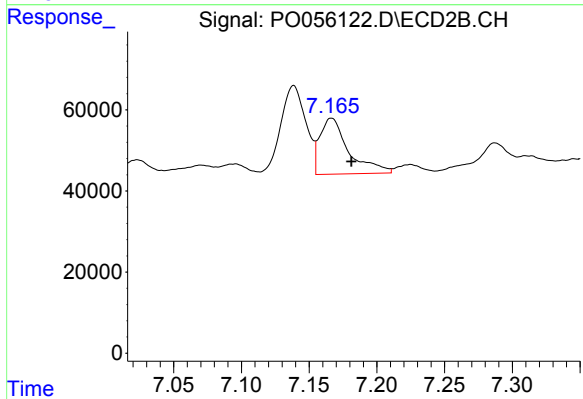
#36 AR-1262-1

R.T.: 6.700 min
Delta R.T.: 0.017 min
Response: 32013
Conc: 7.81 ng/ml



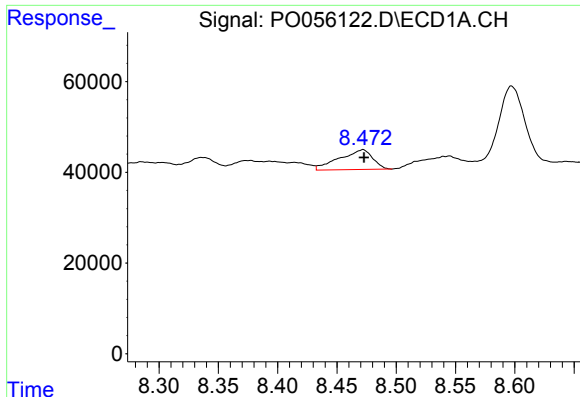
#37 AR-1262-2

R.T.: 8.162 min
Delta R.T.: -0.016 min
Response: 130117
Conc: 24.24 ng/ml



#37 AR-1262-2

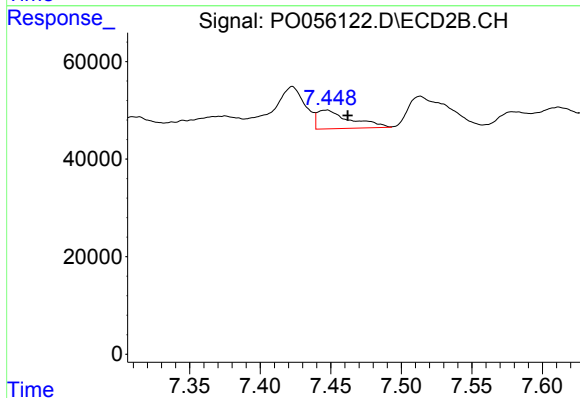
R.T.: 7.167 min
Delta R.T.: -0.015 min
Response: 204180
Conc: 32.65 ng/ml



#38 AR-1262-3

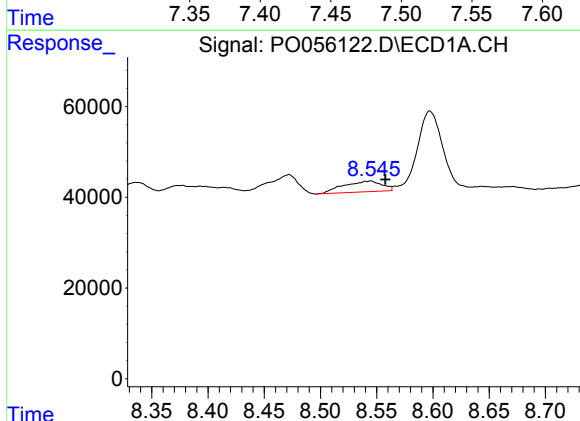
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 85493
Conc: 23.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



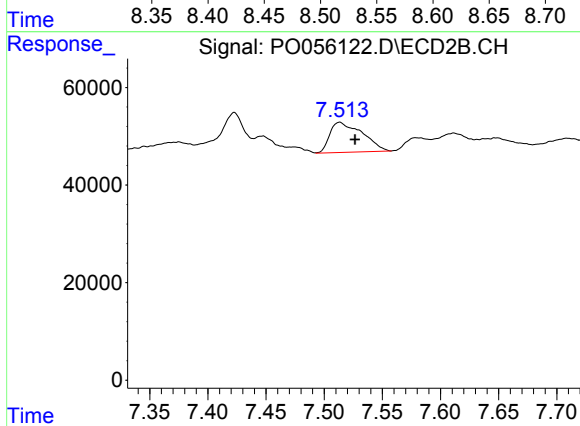
#38 AR-1262-3

R.T.: 7.447 min
Delta R.T.: -0.015 min
Response: 62848
Conc: 25.52 ng/ml



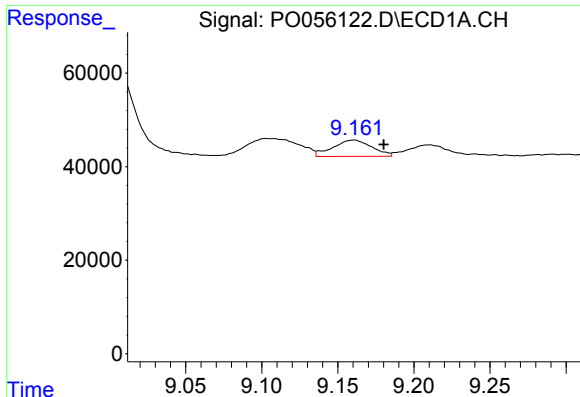
#39 AR-1262-4

R.T.: 8.545 min
Delta R.T.: -0.013 min
Response: 56684
Conc: 20.88 ng/ml



#39 AR-1262-4

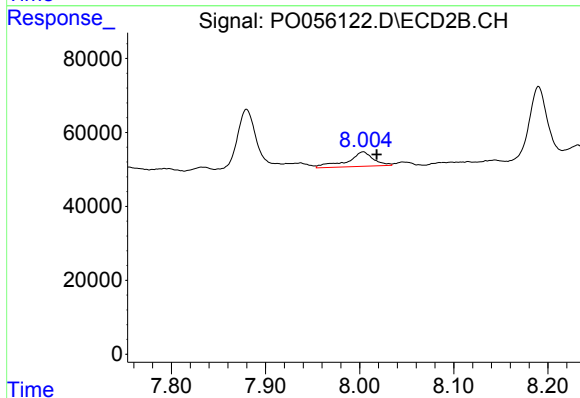
R.T.: 7.513 min
Delta R.T.: -0.013 min
Response: 120159
Conc: 29.34 ng/ml



#40 AR-1262-5

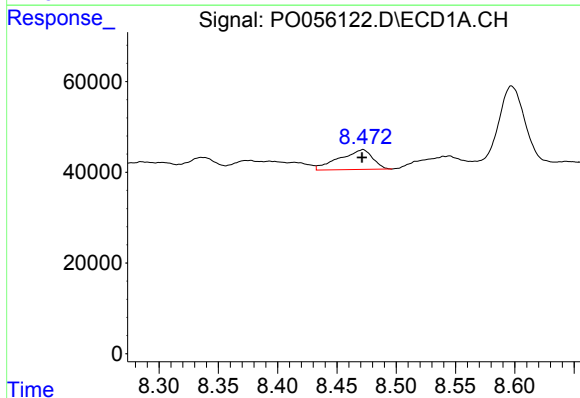
R.T.: 9.160 min
Delta R.T.: -0.020 min
Response: 62362
Conc: 34.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



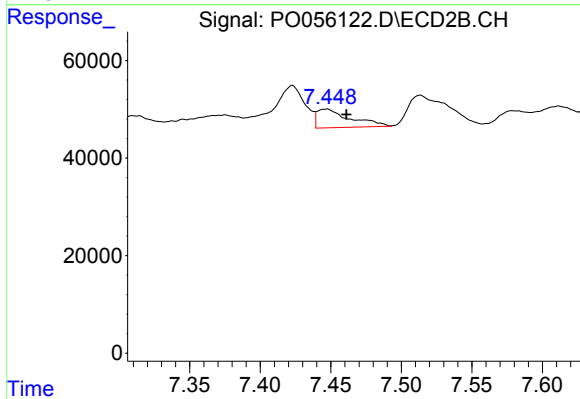
#40 AR-1262-5

R.T.: 8.004 min
Delta R.T.: -0.014 min
Response: 75057
Conc: 44.04 ng/ml



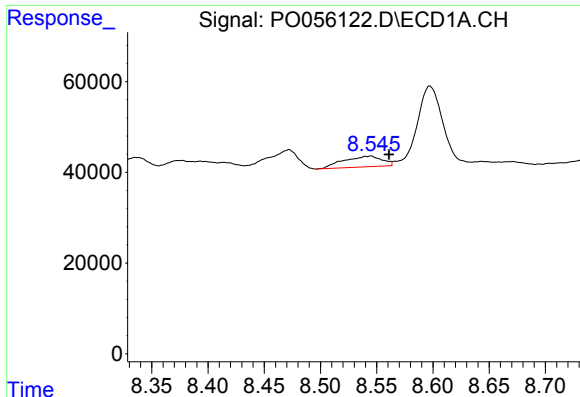
#41 AR-1268-1

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 85493
Conc: 14.16 ng/ml



#41 AR-1268-1

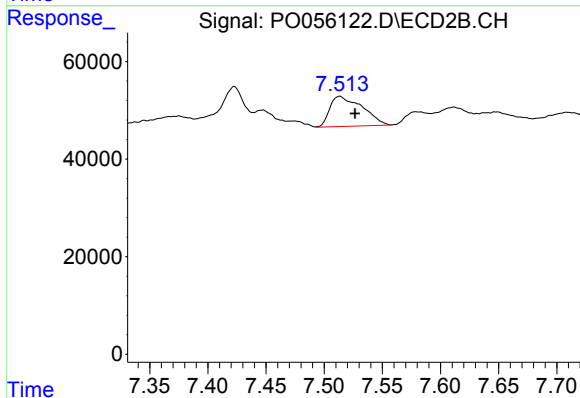
R.T.: 7.447 min
Delta R.T.: -0.014 min
Response: 62848
Conc: 9.07 ng/ml



#42 AR-1268-2

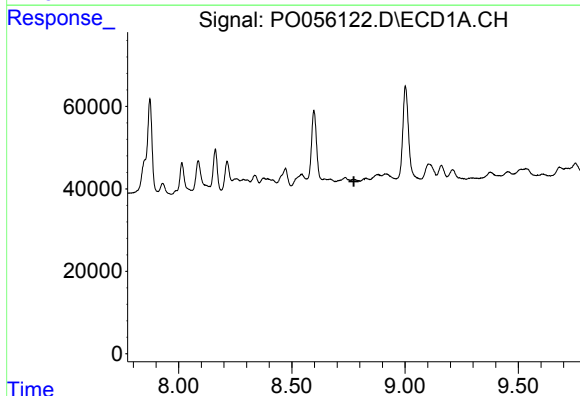
R.T.: 8.545 min
Delta R.T.: -0.016 min
Response: 56684
Conc: 10.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



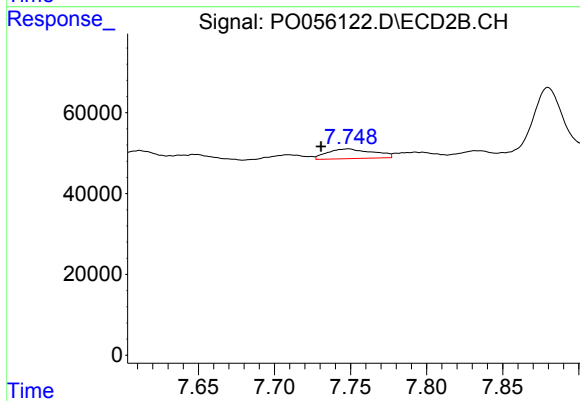
#42 AR-1268-2

R.T.: 7.513 min
Delta R.T.: -0.013 min
Response: 120159
Conc: 21.12 ng/ml



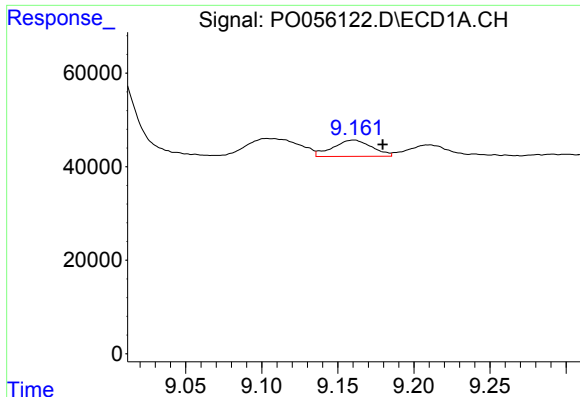
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.774 min
Response: 0
Conc: N.D.



#43 AR-1268-3

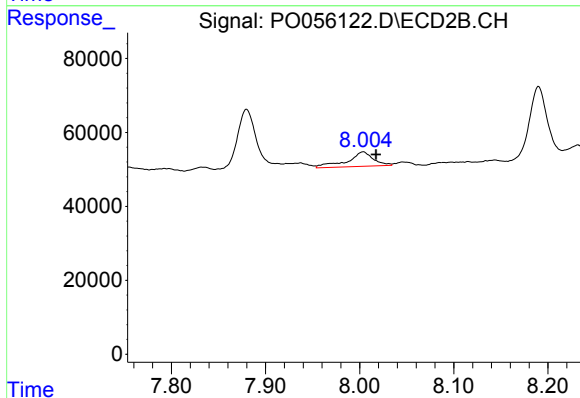
R.T.: 7.749 min
Delta R.T.: 0.018 min
Response: 50259
Conc: 10.64 ng/ml



#44 AR-1268-4

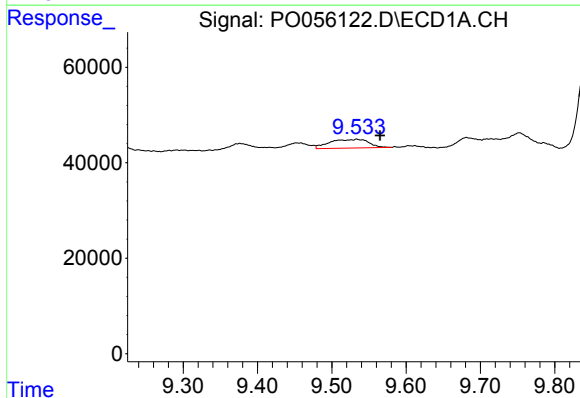
R.T.: 9.160 min
Delta R.T.: -0.019 min
Response: 62362
Conc: 31.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



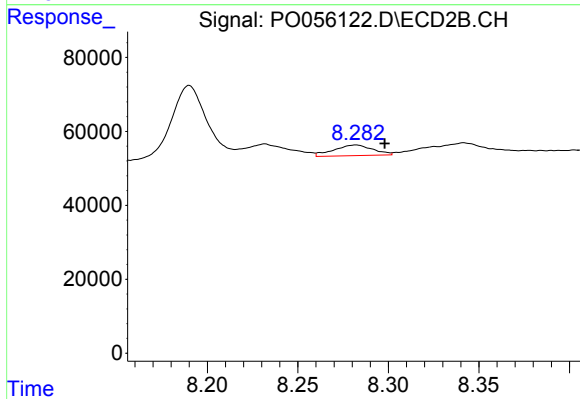
#44 AR-1268-4

R.T.: 8.004 min
Delta R.T.: -0.013 min
Response: 75057
Conc: 39.68 ng/ml



#45 AR-1268-5

R.T.: 9.534 min
Delta R.T.: -0.031 min
Response: 66514
Conc: 4.93 ng/ml



#45 AR-1268-5

R.T.: 8.282 min
Delta R.T.: -0.016 min
Response: 42825
Conc: 3.52 ng/ml