

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060419\
 Data File : P0056852.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Jun 2019 21:28
 Operator : SM/SJ
 Sample : K3173-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 FK-SF-02-004-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 02:18:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 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...	4.250	3.569	1103486	805165	28.824	24.415
2)	SA Decachlor...	9.823	8.504	821604	536059	16.739	15.034
Target Compounds							
3)	L1 AR-1016-1	5.409	4.628	100737	55647	56.008	44.217
4)	L1 AR-1016-2	5.469	4.665	77345	134969	30.801	74.915 #
5)	L1 AR-1016-3	5.469	4.849	77345	398725	48.121	404.409 #
6)	L1 AR-1016-4	5.627	4.849	496774	398725	378.697	481.644 #
7)	L1 AR-1016-5	5.879	5.117	478994	162692	346.693	151.663 #
10)	L2 AR-1221-3	0.000	3.983	0	89574	N.D.	74.829 #
11)	L3 AR-1232-1	0.000	3.983	0	89574	N.D.	99.708 #
12)	L3 AR-1232-2	0.000	4.665	0	134969	N.D.	138.875 #
13)	L3 AR-1232-3	5.409	4.849	100737	398725	71.009	761.955 #
14)	L3 AR-1232-4	5.627	4.938	496774	245728	705.717	498.751 #
15)	L3 AR-1232-5	5.728	5.117	160301	162692	283.524	288.842
16)	L4 AR-1242-1	5.409	4.628	100737	55647	58.392	44.928
17)	L4 AR-1242-2	5.469	4.665	77345	134969	30.465	75.049 #
18)	L4 AR-1242-3	5.469	4.849	77345	398725	47.567	405.577 #
19)	L4 AR-1242-4	5.627	4.938	496774	245728	371.635	252.522 #
20)	L4 AR-1242-5	6.346	5.438	176269	209762	106.826	177.423 #
21)	L5 AR-1248-1	5.409	4.628	100737	55647	78.181	59.419
22)	L5 AR-1248-2	5.728	4.849	160301	398725	86.049	313.847 #
23)	L5 AR-1248-3	5.879	4.938	478994	245728	233.501	188.168
24)	L5 AR-1248-4	6.268	5.059	345696	10105	149.414	6.381 #
25)	L5 AR-1248-5	6.346	5.474	176269	45780	80.145	27.660 #
26)	L6 AR-1254-1	6.268	5.438	345696	209762	125.583	79.313 #
27)	L6 AR-1254-2	6.479	5.575	559293	60798	143.996	28.202 #
28)	L6 AR-1254-3	6.842	5.974	197788	120597	47.967	32.940 #
29)	L6 AR-1254-4	7.092	6.202	433644	46157	144.076	21.010 #
30)	L6 AR-1254-5	7.533	6.618	712130	547806	189.113	172.797
31)	L7 AR-1260-1	6.978	6.106	457723	172117	178.368	86.042 #
32)	L7 AR-1260-2	7.252	6.288	379351	81323	125.440	32.991 #
33)	L7 AR-1260-3	7.678	6.441	238456	56467	98.983	25.172 #
34)	L7 AR-1260-4	7.833	6.908	63961	35960	24.420	19.323
35)	L7 AR-1260-5	8.145	7.152	96449	155814	20.169	36.132 #
36)	L8 AR-1262-1	7.678	6.618	238456	547806	50.985	131.241 #
37)	L8 AR-1262-2	8.145	7.152	96449	155814	12.651	22.678 #
38)	L8 AR-1262-3	0.000	7.431	0	32230	N.D.	10.913 #
39)	L8 AR-1262-4	0.000	7.493	0	59413	N.D.	11.402 #
40)	L8 AR-1262-5	0.000	7.987	0	15599	N.D.	6.718 #
41)	L9 AR-1268-1	0.000	7.431	0	32230	N.D.	4.317 #
42)	L9 AR-1268-2	0.000	7.493	0	59413	N.D.	8.508 #
43)	L9 AR-1268-3	8.777	0.000	149742	0	22.726	N.D. #

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 Acq On : 04 Jun 2019 21:28
 Operator : SM/SJ
 Sample : K3173-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

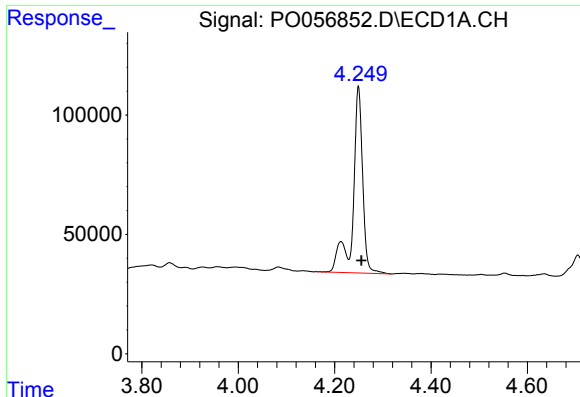
Instrument :
 ECD_O
 ClientSampleId :
 FK-SF-02-004-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 02:18:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
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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
44) L9	AR-1268-4	0.000	7.987	0	15599	N.D.	6.683 #
45) L9	AR-1268-5	0.000	8.263	0	41509	N.D.	2.398 #

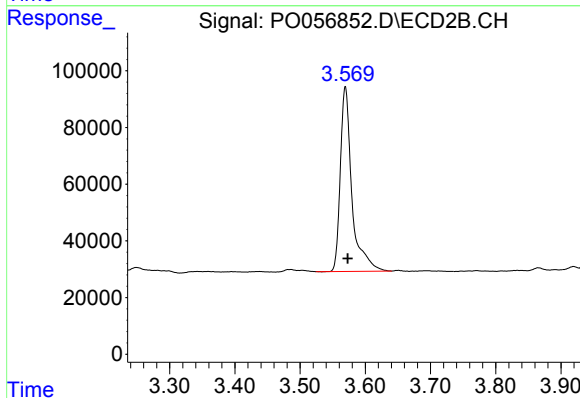
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

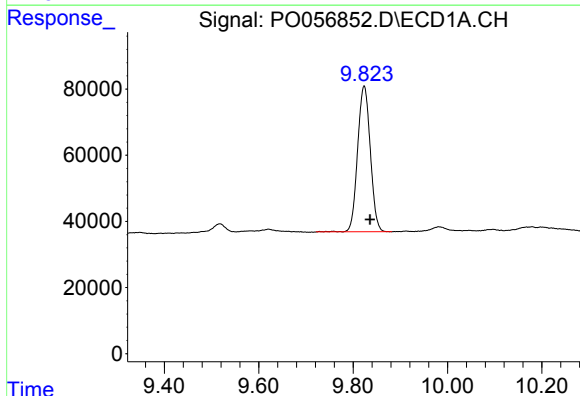
R.T.: 4.250 min
Delta R.T.: -0.006 min
Response: 1103486
Conc: 28.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



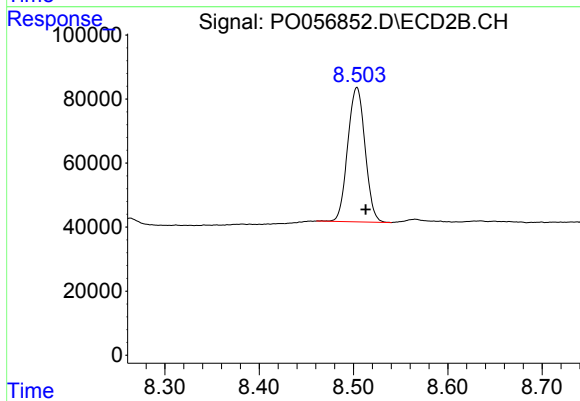
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.004 min
Response: 805165
Conc: 24.41 ng/ml



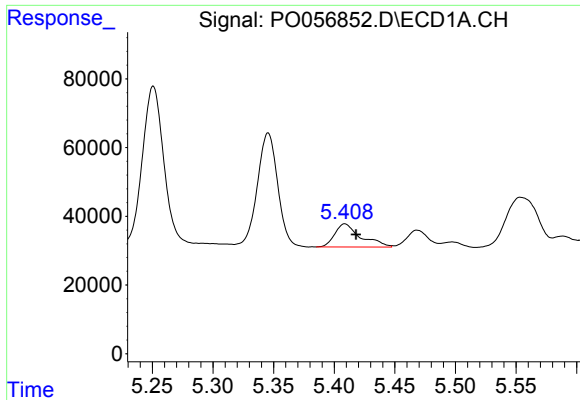
#2 Decachlorobiphenyl

R.T.: 9.823 min
Delta R.T.: -0.013 min
Response: 821604
Conc: 16.74 ng/ml



#2 Decachlorobiphenyl

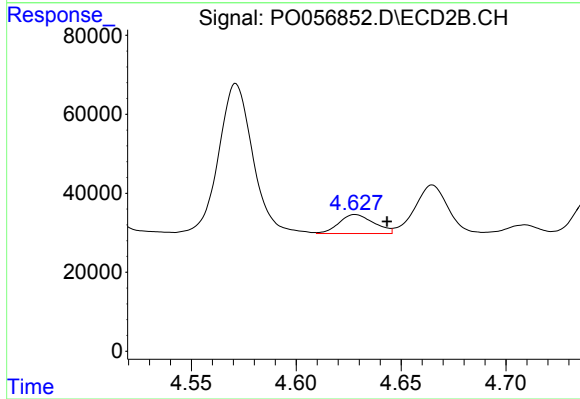
R.T.: 8.504 min
Delta R.T.: -0.009 min
Response: 536059
Conc: 15.03 ng/ml



#3 AR-1016-1

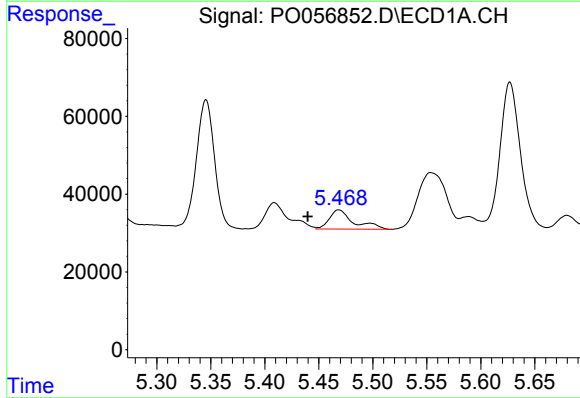
R.T.: 5.409 min
Delta R.T.: -0.009 min
Response: 100737
Conc: 56.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



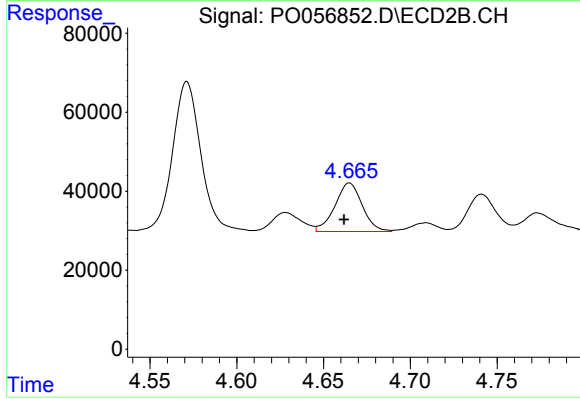
#3 AR-1016-1

R.T.: 4.628 min
Delta R.T.: -0.015 min
Response: 55647
Conc: 44.22 ng/ml



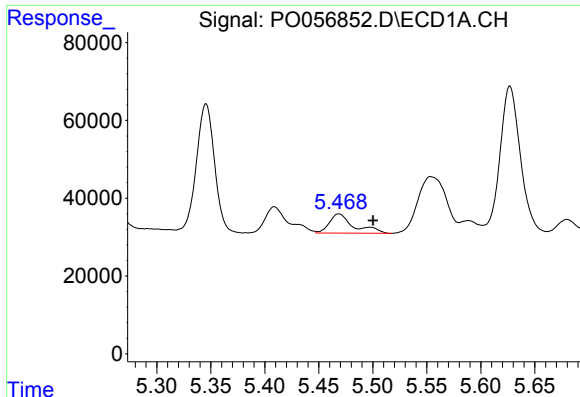
#4 AR-1016-2

R.T.: 5.469 min
Delta R.T.: 0.029 min
Response: 77345
Conc: 30.80 ng/ml



#4 AR-1016-2

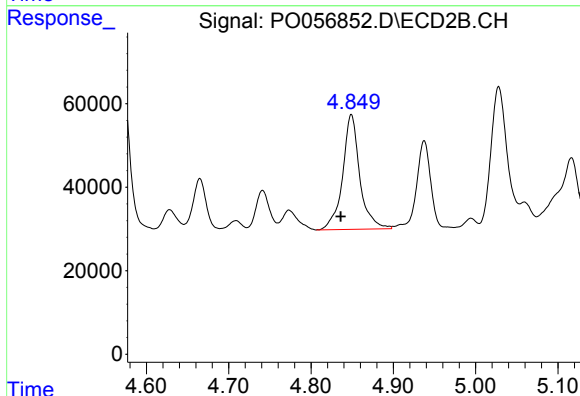
R.T.: 4.665 min
Delta R.T.: 0.003 min
Response: 134969
Conc: 74.92 ng/ml



#5 AR-1016-3

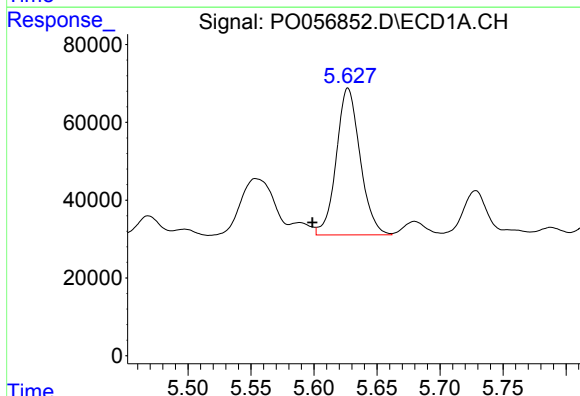
R.T.: 5.469 min
Delta R.T.: -0.031 min
Response: 77345
Conc: 48.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



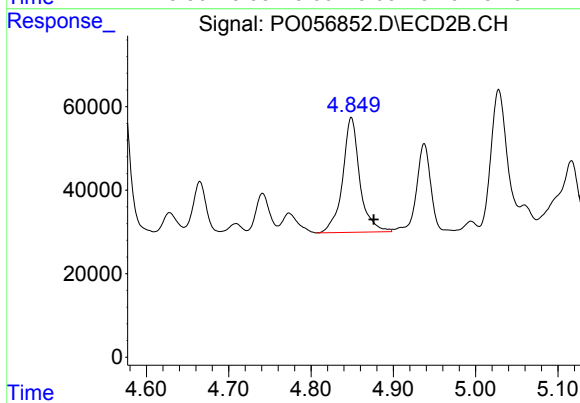
#5 AR-1016-3

R.T.: 4.849 min
Delta R.T.: 0.013 min
Response: 398725
Conc: 404.41 ng/ml



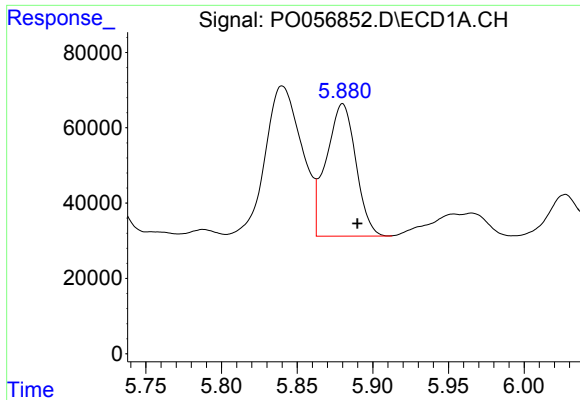
#6 AR-1016-4

R.T.: 5.627 min
Delta R.T.: 0.029 min
Response: 496774
Conc: 378.70 ng/ml



#6 AR-1016-4

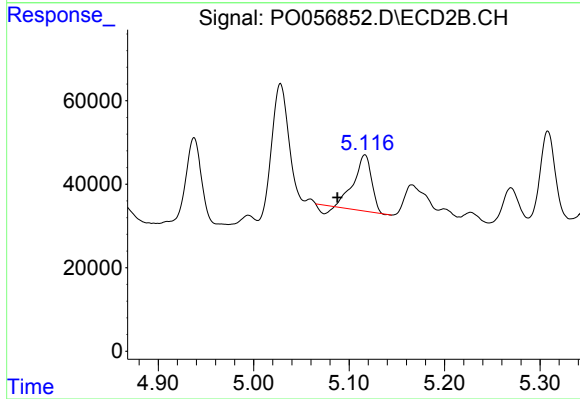
R.T.: 4.849 min
Delta R.T.: -0.027 min
Response: 398725
Conc: 481.64 ng/ml



#7 AR-1016-5

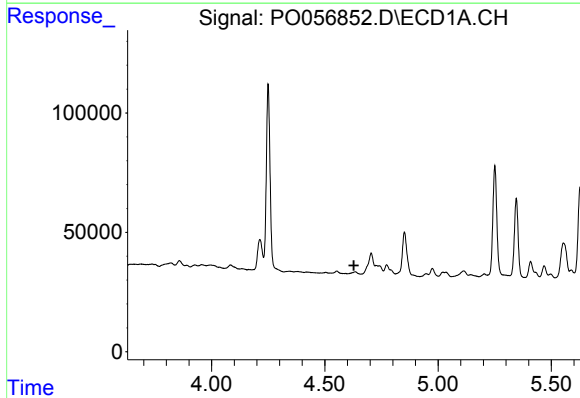
R.T.: 5.879 min
Delta R.T.: -0.010 min
Response: 478994
Conc: 346.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



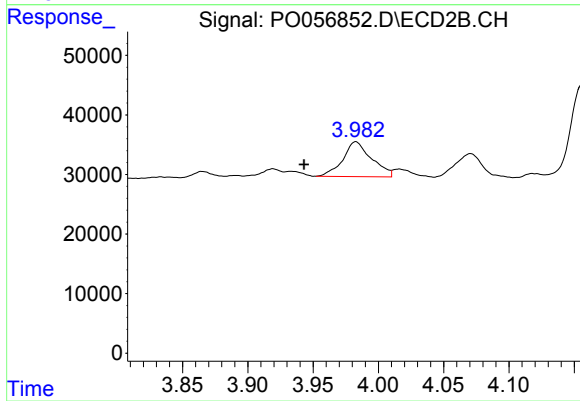
#7 AR-1016-5

R.T.: 5.117 min
Delta R.T.: 0.029 min
Response: 162692
Conc: 151.66 ng/ml



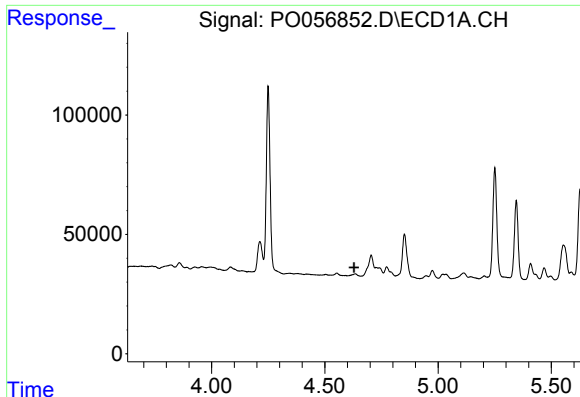
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.628 min
Response: 0
Conc: N.D.



#10 AR-1221-3

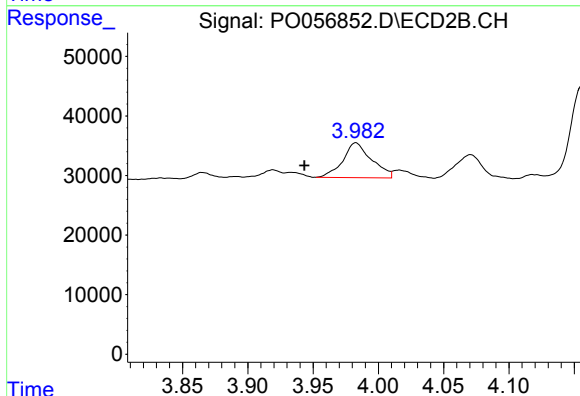
R.T.: 3.983 min
Delta R.T.: 0.040 min
Response: 89574
Conc: 74.83 ng/ml



#11 AR-1232-1

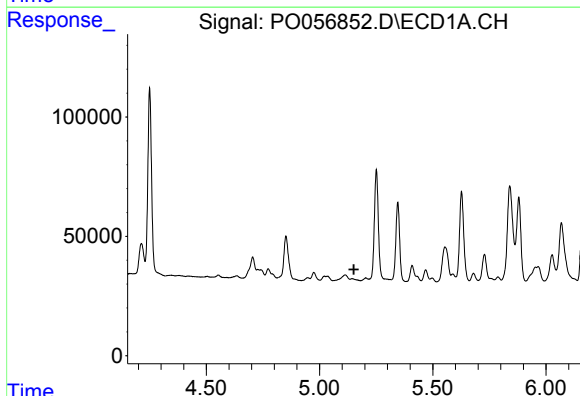
R.T.: 0.000 min
Exp R.T. : 4.629 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



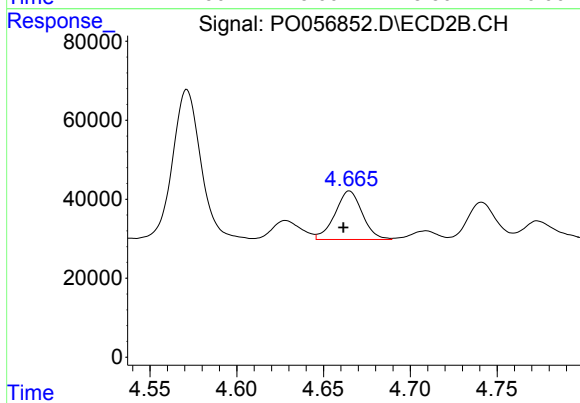
#11 AR-1232-1

R.T.: 3.983 min
Delta R.T.: 0.040 min
Response: 89574
Conc: 99.71 ng/ml



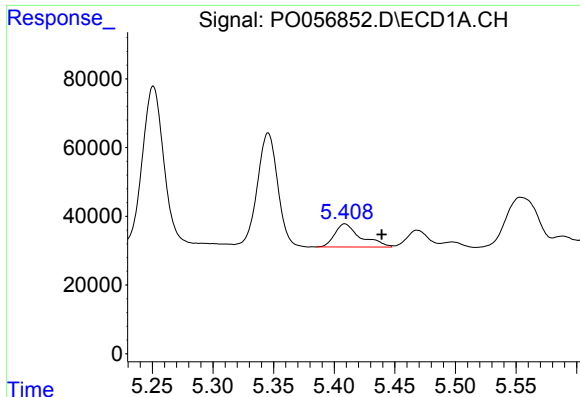
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.152 min
Response: 0
Conc: N.D.



#12 AR-1232-2

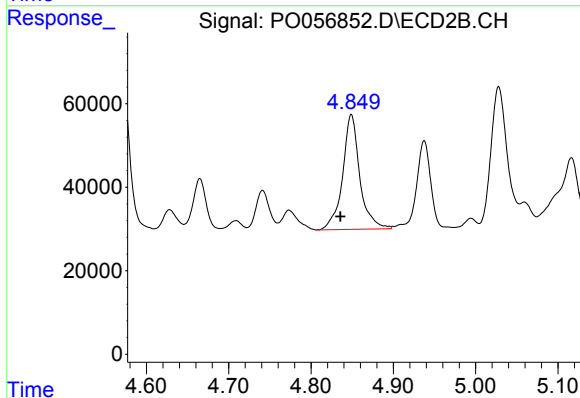
R.T.: 4.665 min
Delta R.T.: 0.004 min
Response: 134969
Conc: 138.87 ng/ml



#13 AR-1232-3

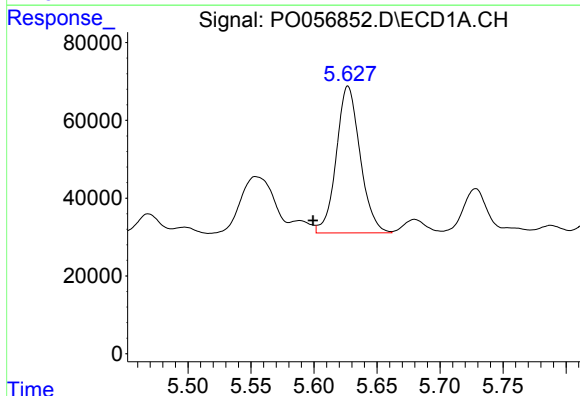
R.T.: 5.409 min
Delta R.T.: -0.030 min
Response: 100737
Conc: 71.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



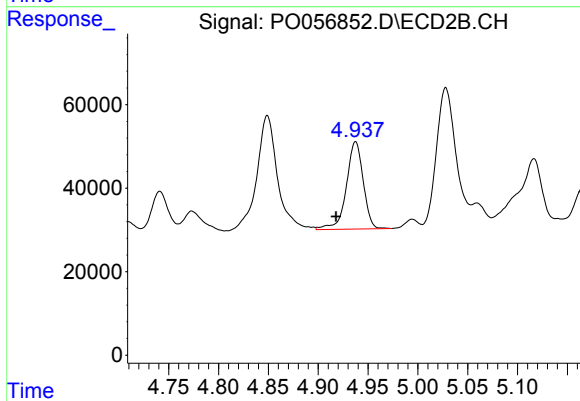
#13 AR-1232-3

R.T.: 4.849 min
Delta R.T.: 0.013 min
Response: 398725
Conc: 761.96 ng/ml



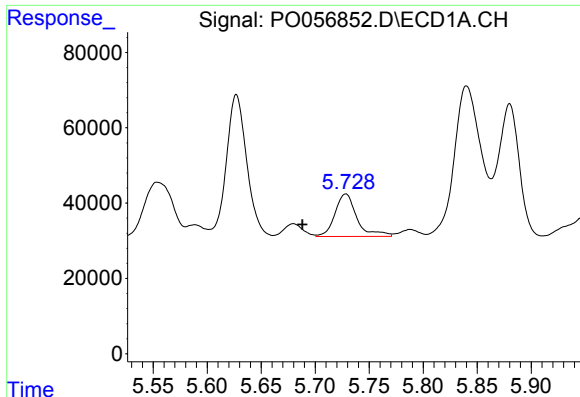
#14 AR-1232-4

R.T.: 5.627 min
Delta R.T.: 0.028 min
Response: 496774
Conc: 705.72 ng/ml



#14 AR-1232-4

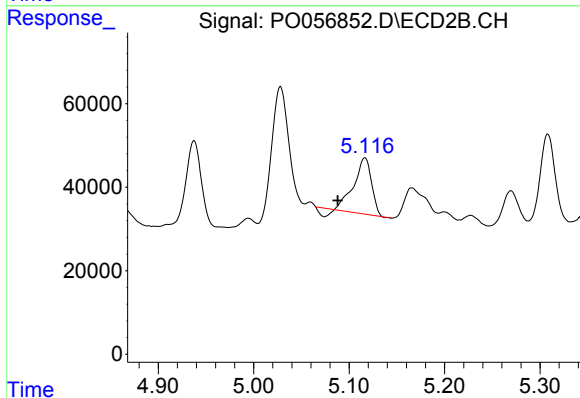
R.T.: 4.938 min
Delta R.T.: 0.020 min
Response: 245728
Conc: 498.75 ng/ml



#15 AR-1232-5

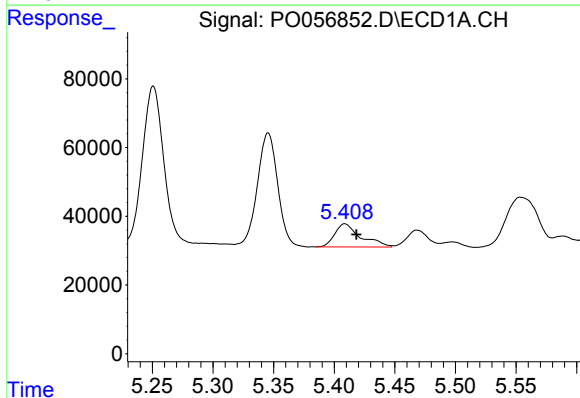
R.T.: 5.728 min
Delta R.T.: 0.040 min
Response: 160301
Conc: 283.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



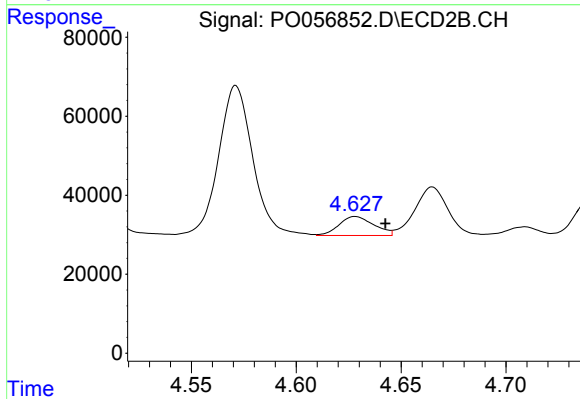
#15 AR-1232-5

R.T.: 5.117 min
Delta R.T.: 0.029 min
Response: 162692
Conc: 288.84 ng/ml



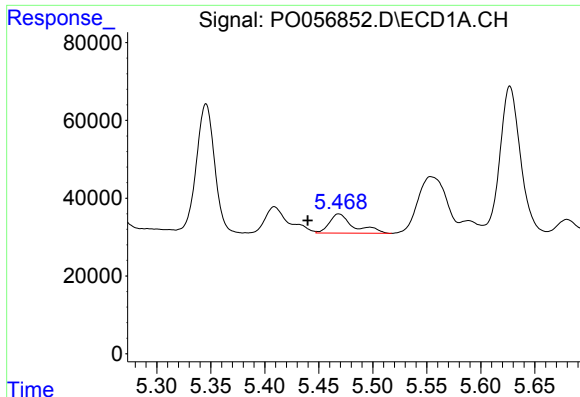
#16 AR-1242-1

R.T.: 5.409 min
Delta R.T.: -0.009 min
Response: 100737
Conc: 58.39 ng/ml



#16 AR-1242-1

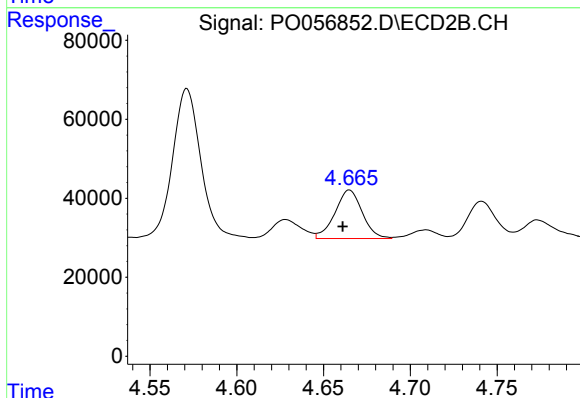
R.T.: 4.628 min
Delta R.T.: -0.014 min
Response: 55647
Conc: 44.93 ng/ml



#17 AR-1242-2

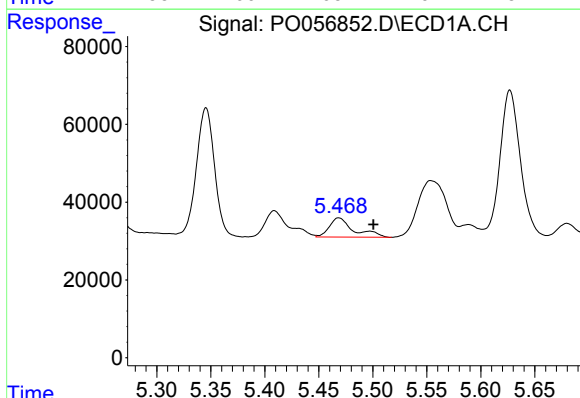
R.T.: 5.469 min
Delta R.T.: 0.029 min
Response: 77345
Conc: 30.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



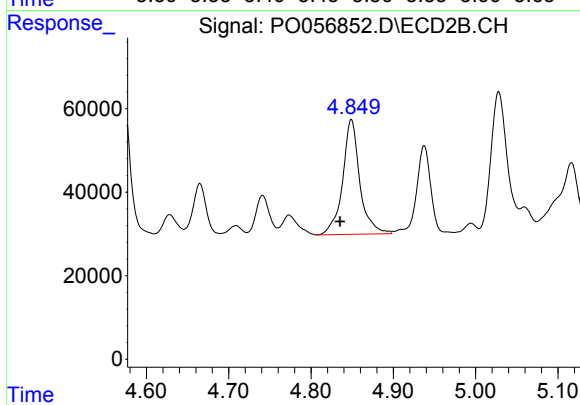
#17 AR-1242-2

R.T.: 4.665 min
Delta R.T.: 0.004 min
Response: 134969
Conc: 75.05 ng/ml



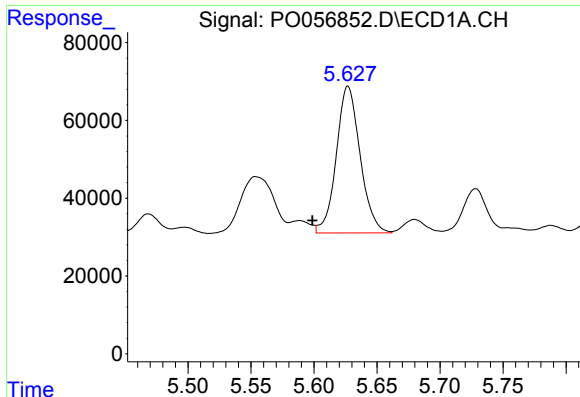
#18 AR-1242-3

R.T.: 5.469 min
Delta R.T.: -0.032 min
Response: 77345
Conc: 47.57 ng/ml



#18 AR-1242-3

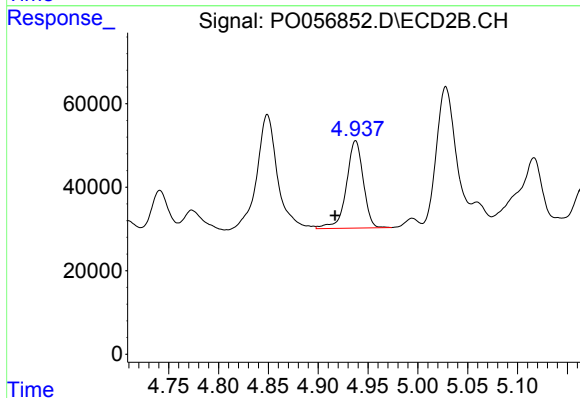
R.T.: 4.849 min
Delta R.T.: 0.014 min
Response: 398725
Conc: 405.58 ng/ml



#19 AR-1242-4

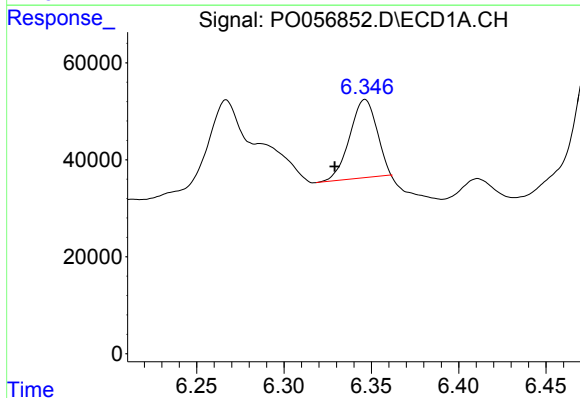
R.T.: 5.627 min
Delta R.T.: 0.029 min
Response: 496774
Conc: 371.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



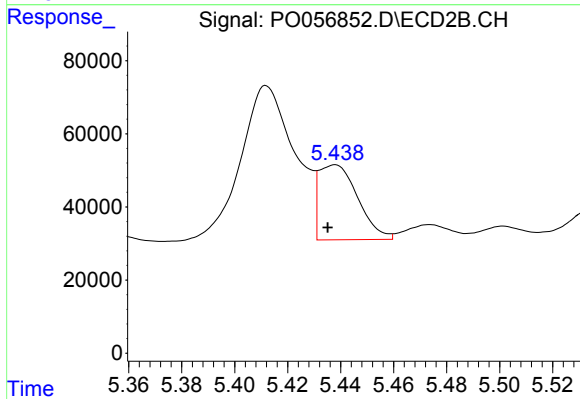
#19 AR-1242-4

R.T.: 4.938 min
Delta R.T.: 0.021 min
Response: 245728
Conc: 252.52 ng/ml



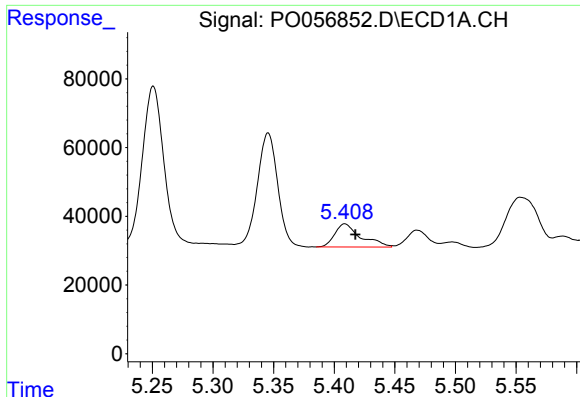
#20 AR-1242-5

R.T.: 6.346 min
Delta R.T.: 0.017 min
Response: 176269
Conc: 106.83 ng/ml



#20 AR-1242-5

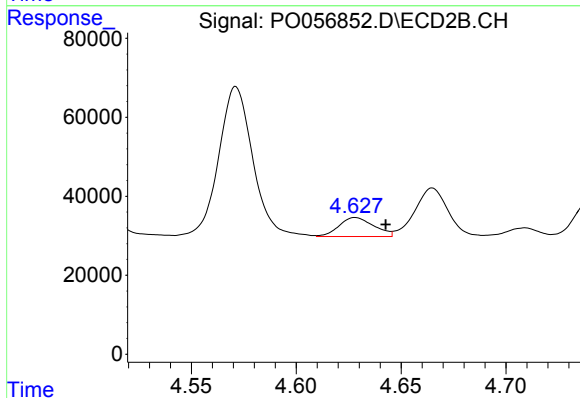
R.T.: 5.438 min
Delta R.T.: 0.003 min
Response: 209762
Conc: 177.42 ng/ml



#21 AR-1248-1

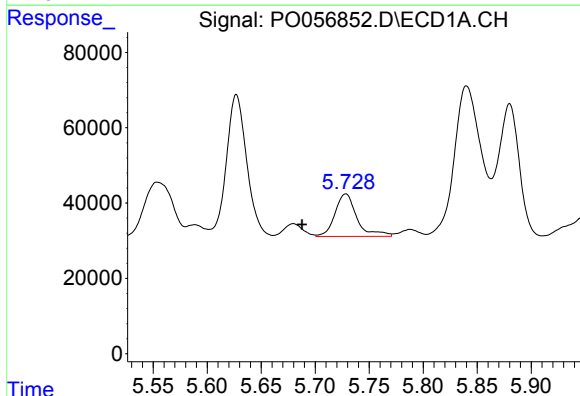
R.T.: 5.409 min
Delta R.T.: -0.008 min
Response: 100737
Conc: 78.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



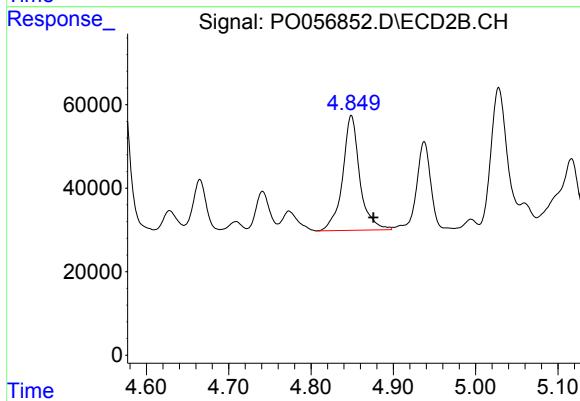
#21 AR-1248-1

R.T.: 4.628 min
Delta R.T.: -0.015 min
Response: 55647
Conc: 59.42 ng/ml



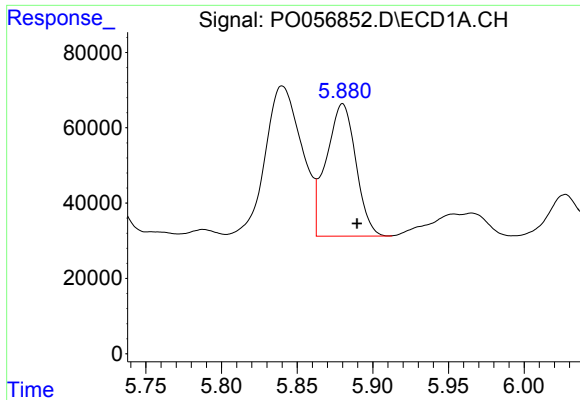
#22 AR-1248-2

R.T.: 5.728 min
Delta R.T.: 0.040 min
Response: 160301
Conc: 86.05 ng/ml



#22 AR-1248-2

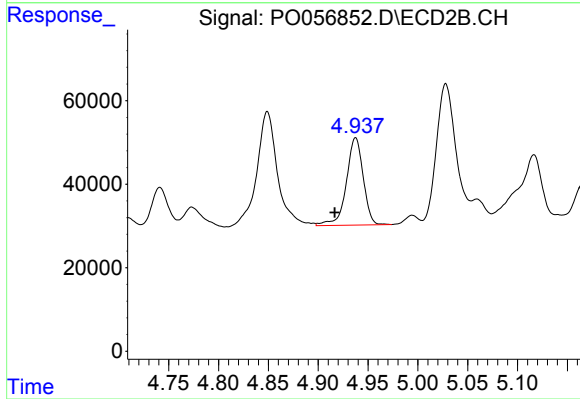
R.T.: 4.849 min
Delta R.T.: -0.027 min
Response: 398725
Conc: 313.85 ng/ml



#23 AR-1248-3

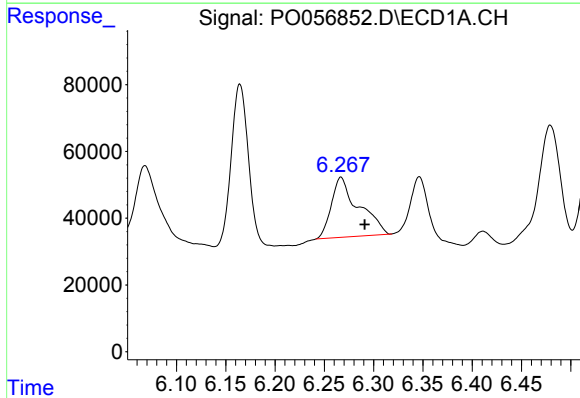
R.T.: 5.879 min
Delta R.T.: -0.010 min
Response: 478994
Conc: 233.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



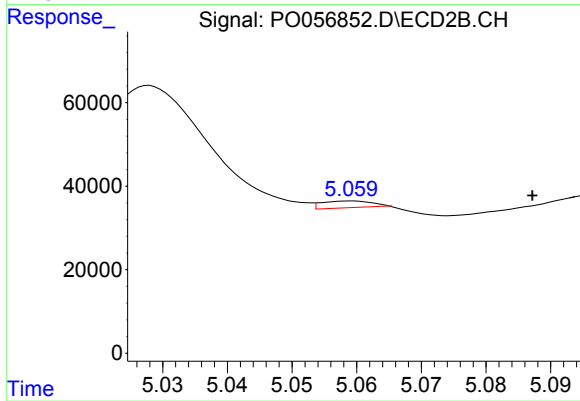
#23 AR-1248-3

R.T.: 4.938 min
Delta R.T.: 0.021 min
Response: 245728
Conc: 188.17 ng/ml



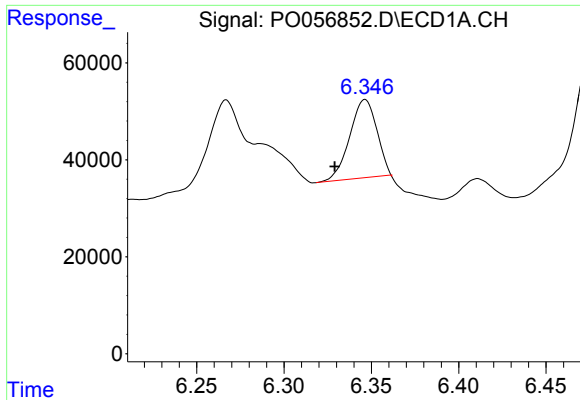
#24 AR-1248-4

R.T.: 6.268 min
Delta R.T.: -0.023 min
Response: 345696
Conc: 149.41 ng/ml



#24 AR-1248-4

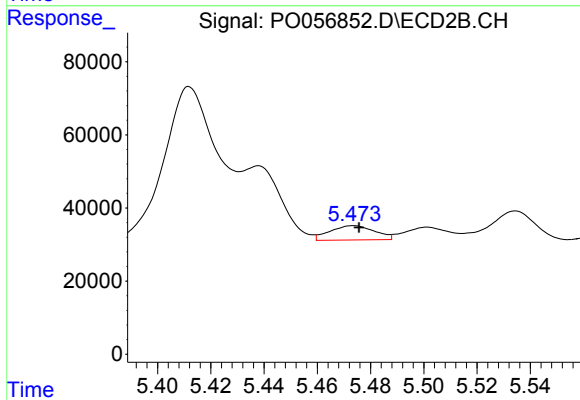
R.T.: 5.059 min
Delta R.T.: -0.028 min
Response: 10105
Conc: 6.38 ng/ml



#25 AR-1248-5

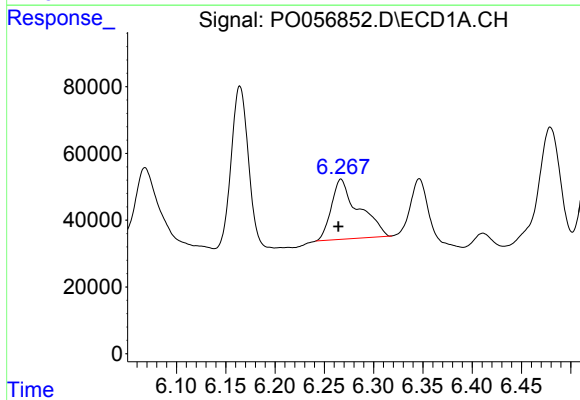
R.T.: 6.346 min
Delta R.T.: 0.017 min
Response: 176269
Conc: 80.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



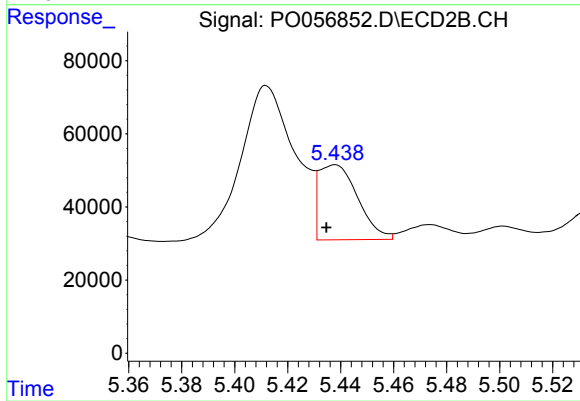
#25 AR-1248-5

R.T.: 5.474 min
Delta R.T.: -0.002 min
Response: 45780
Conc: 27.66 ng/ml



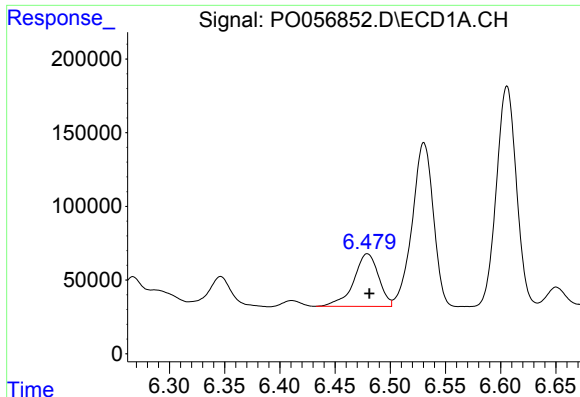
#26 AR-1254-1

R.T.: 6.268 min
Delta R.T.: 0.003 min
Response: 345696
Conc: 125.58 ng/ml



#26 AR-1254-1

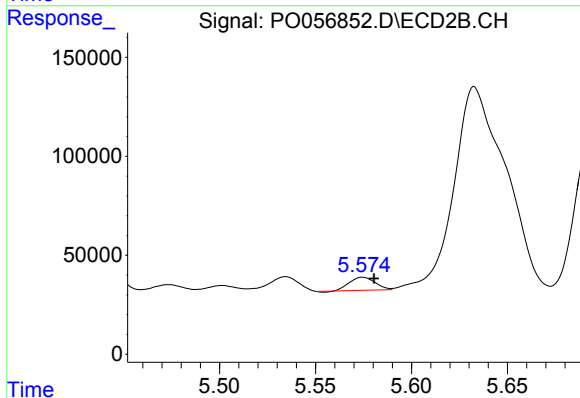
R.T.: 5.438 min
Delta R.T.: 0.003 min
Response: 209762
Conc: 79.31 ng/ml



#27 AR-1254-2

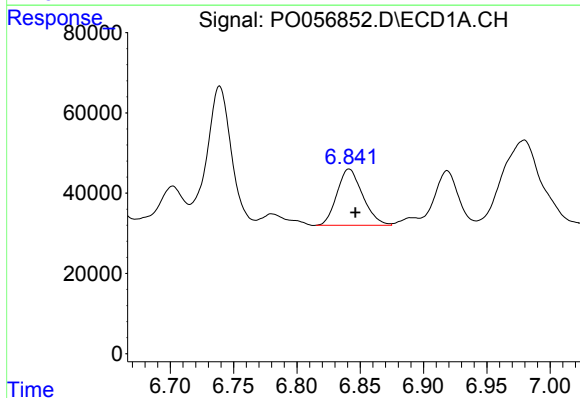
R.T.: 6.479 min
Delta R.T.: -0.002 min
Response: 559293
Conc: 144.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



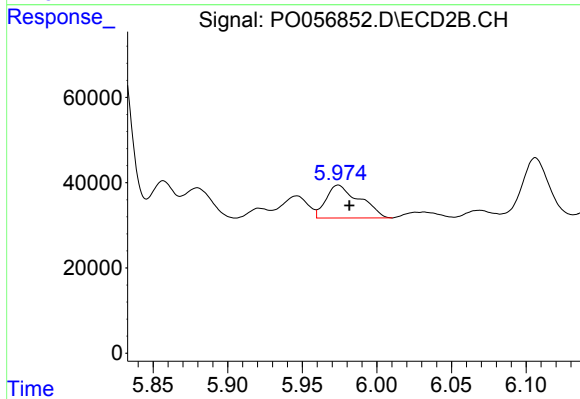
#27 AR-1254-2

R.T.: 5.575 min
Delta R.T.: -0.006 min
Response: 60798
Conc: 28.20 ng/ml



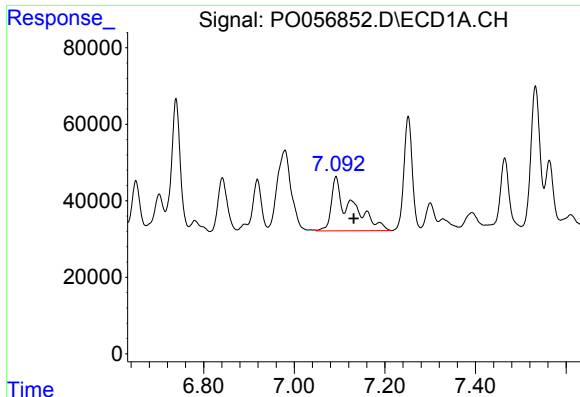
#28 AR-1254-3

R.T.: 6.842 min
Delta R.T.: -0.005 min
Response: 197788
Conc: 47.97 ng/ml



#28 AR-1254-3

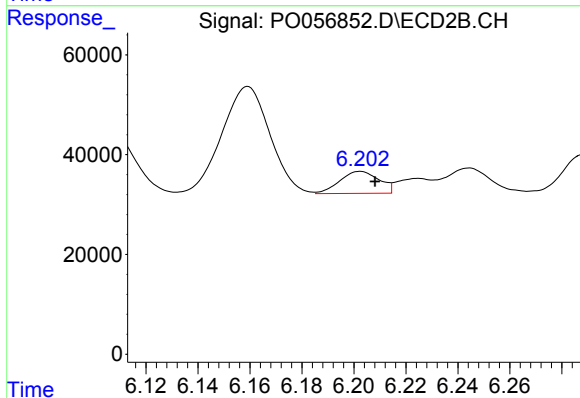
R.T.: 5.974 min
Delta R.T.: -0.007 min
Response: 120597
Conc: 32.94 ng/ml



#29 AR-1254-4

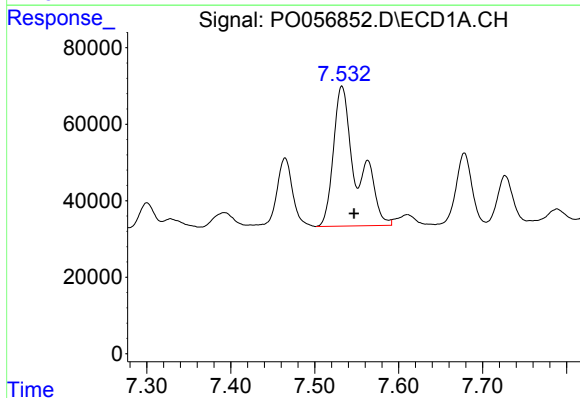
R.T.: 7.092 min
Delta R.T.: -0.039 min
Response: 433644
Conc: 144.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



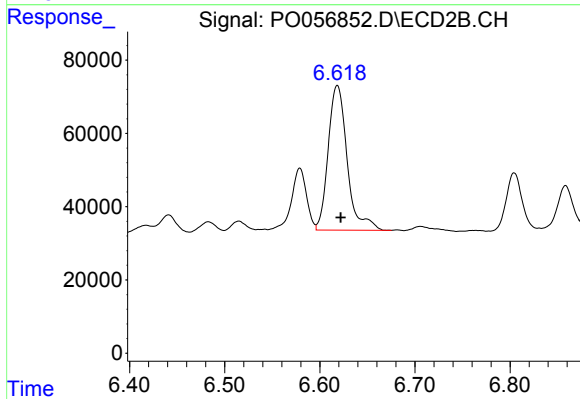
#29 AR-1254-4

R.T.: 6.202 min
Delta R.T.: -0.006 min
Response: 46157
Conc: 21.01 ng/ml



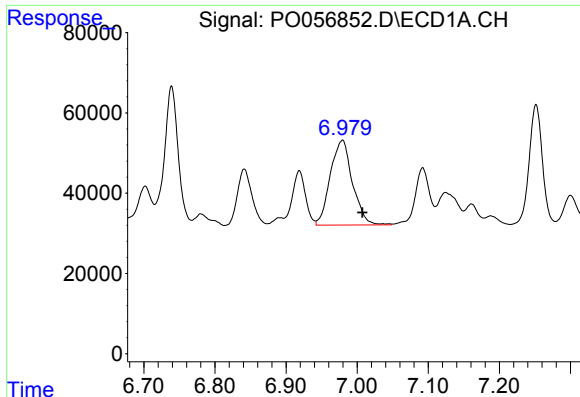
#30 AR-1254-5

R.T.: 7.533 min
Delta R.T.: -0.014 min
Response: 712130
Conc: 189.11 ng/ml



#30 AR-1254-5

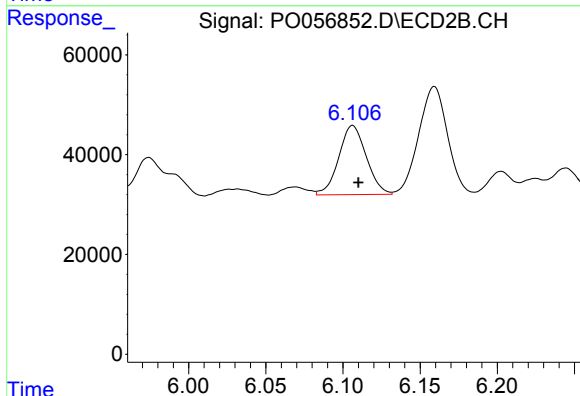
R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 547806
Conc: 172.80 ng/ml



#31 AR-1260-1

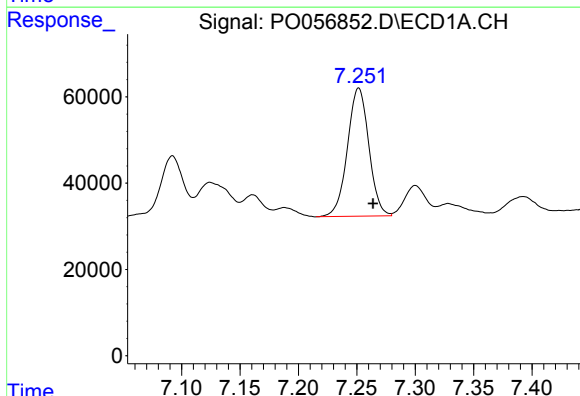
R.T.: 6.978 min
Delta R.T.: -0.030 min
Response: 457723
Conc: 178.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



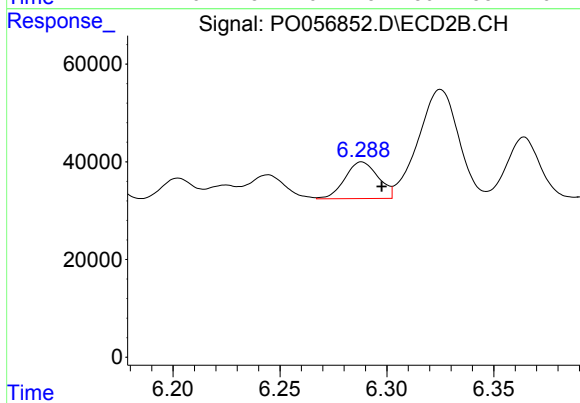
#31 AR-1260-1

R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 172117
Conc: 86.04 ng/ml



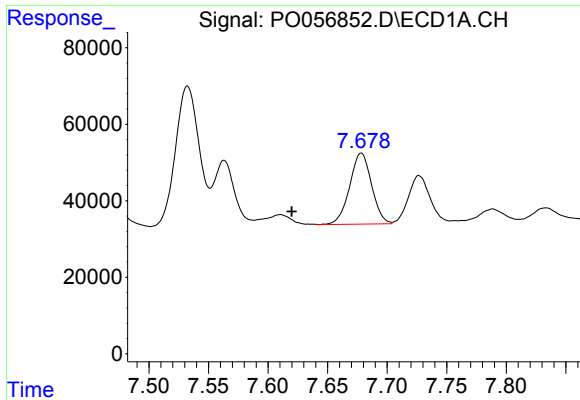
#32 AR-1260-2

R.T.: 7.252 min
Delta R.T.: -0.012 min
Response: 379351
Conc: 125.44 ng/ml



#32 AR-1260-2

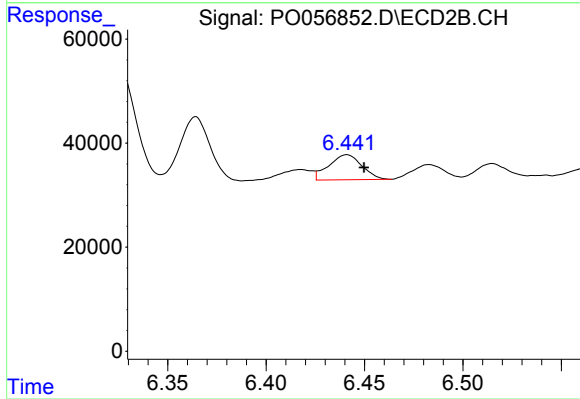
R.T.: 6.288 min
Delta R.T.: -0.009 min
Response: 81323
Conc: 32.99 ng/ml



#33 AR-1260-3

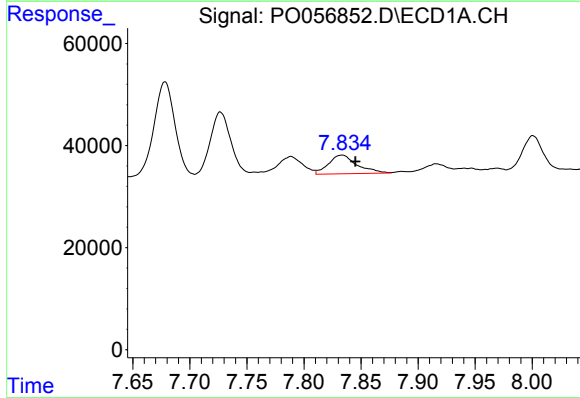
R.T.: 7.678 min
Delta R.T.: 0.058 min
Response: 238456
Conc: 98.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



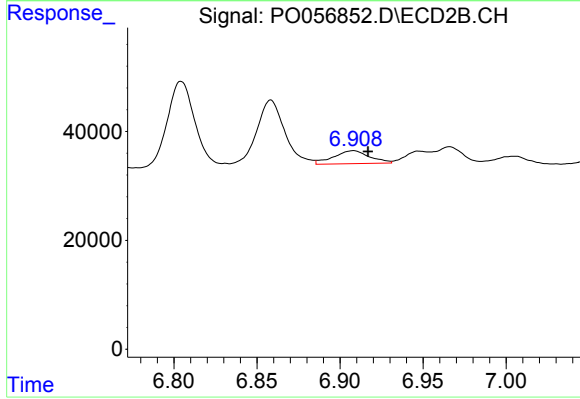
#33 AR-1260-3

R.T.: 6.441 min
Delta R.T.: -0.009 min
Response: 56467
Conc: 25.17 ng/ml



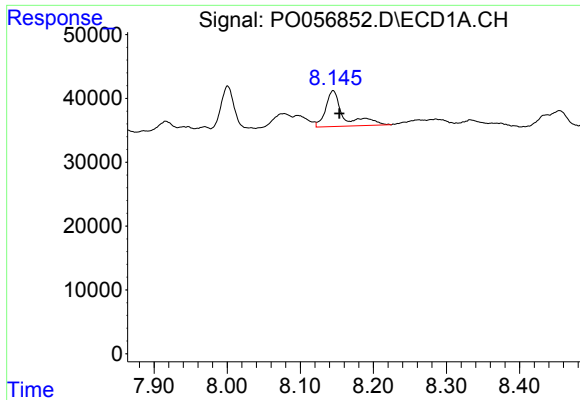
#34 AR-1260-4

R.T.: 7.833 min
Delta R.T.: -0.012 min
Response: 63961
Conc: 24.42 ng/ml



#34 AR-1260-4

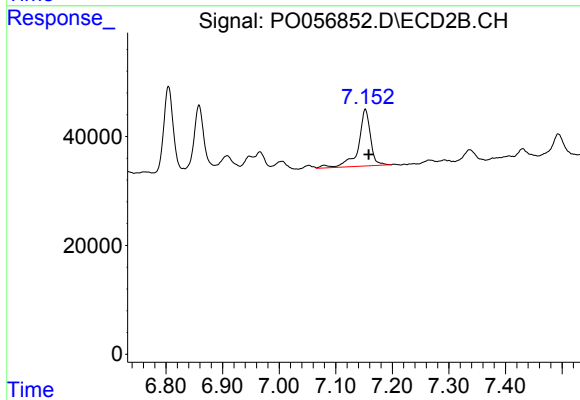
R.T.: 6.908 min
Delta R.T.: -0.009 min
Response: 35960
Conc: 19.32 ng/ml



#35 AR-1260-5

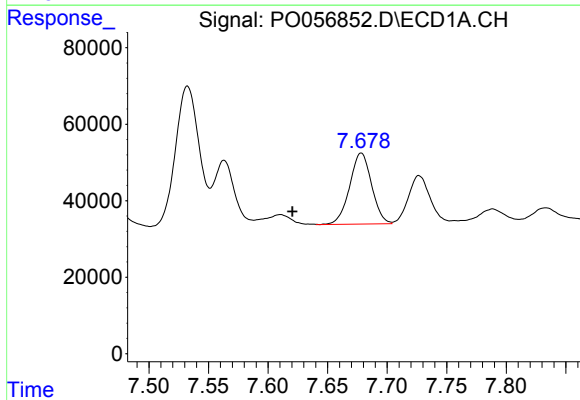
R.T.: 8.145 min
Delta R.T.: -0.009 min
Response: 96449
Conc: 20.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



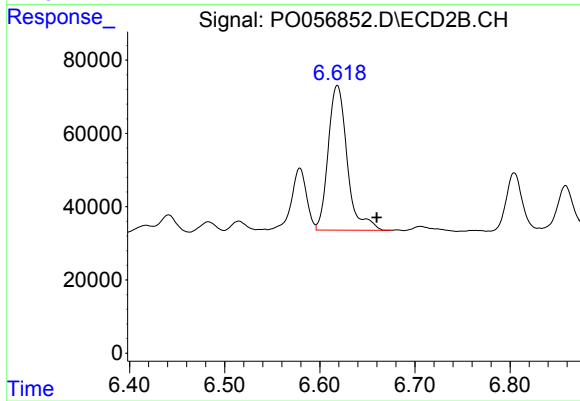
#35 AR-1260-5

R.T.: 7.152 min
Delta R.T.: -0.006 min
Response: 155814
Conc: 36.13 ng/ml



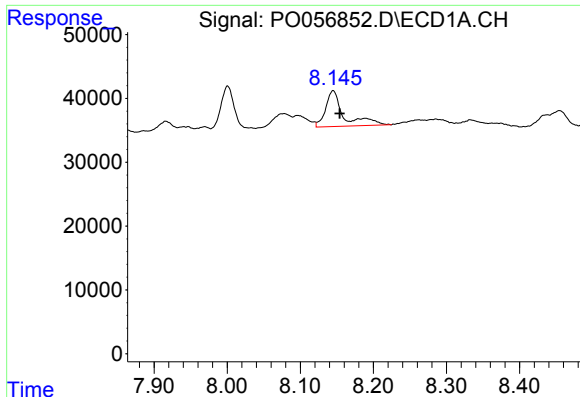
#36 AR-1262-1

R.T.: 7.678 min
Delta R.T.: 0.058 min
Response: 238456
Conc: 50.99 ng/ml



#36 AR-1262-1

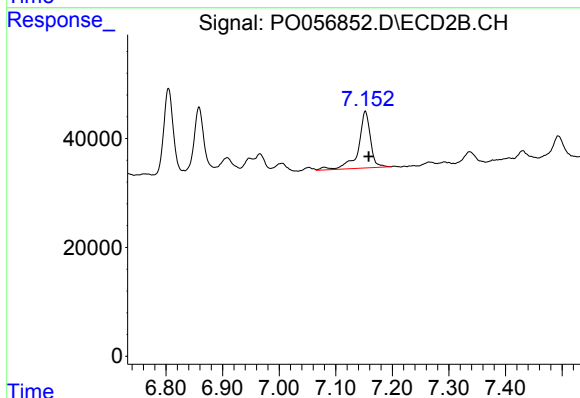
R.T.: 6.618 min
Delta R.T.: -0.041 min
Response: 547806
Conc: 131.24 ng/ml



#37 AR-1262-2

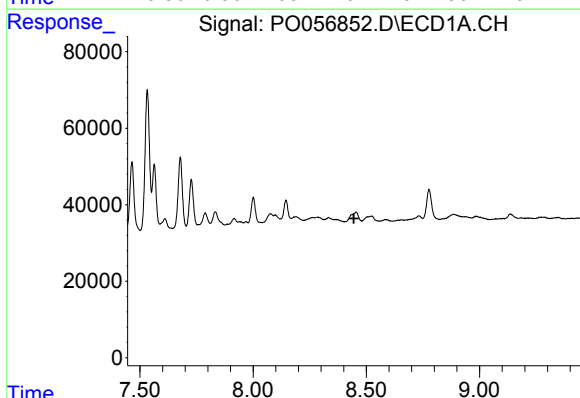
R.T.: 8.145 min
Delta R.T.: -0.009 min
Response: 96449
Conc: 12.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



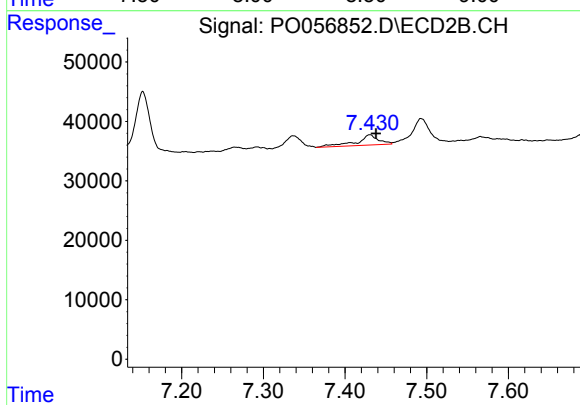
#37 AR-1262-2

R.T.: 7.152 min
Delta R.T.: -0.006 min
Response: 155814
Conc: 22.68 ng/ml



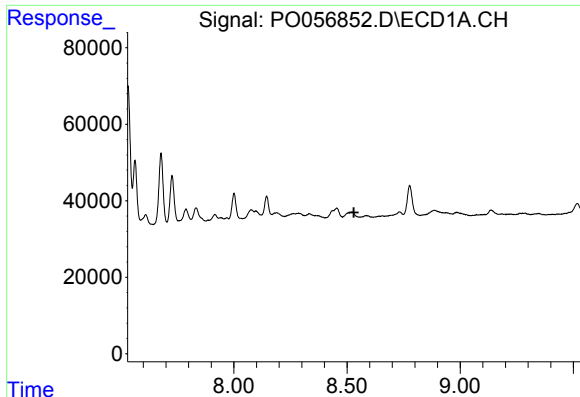
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.445 min
Response: 0
Conc: N.D.



#38 AR-1262-3

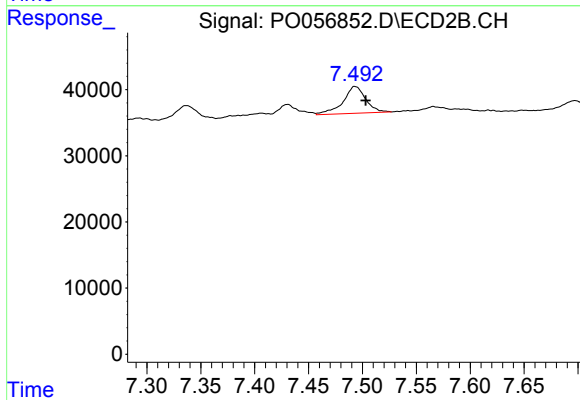
R.T.: 7.431 min
Delta R.T.: -0.008 min
Response: 32230
Conc: 10.91 ng/ml



#39 AR-1262-4

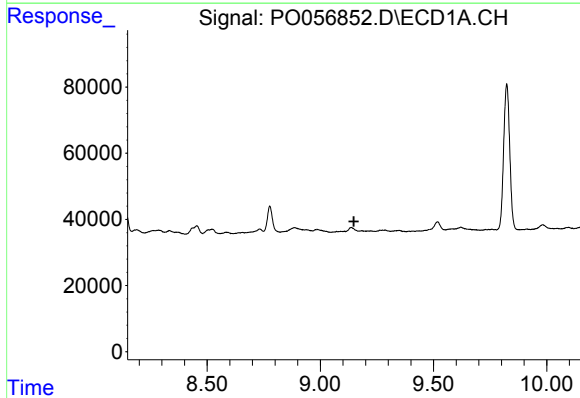
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



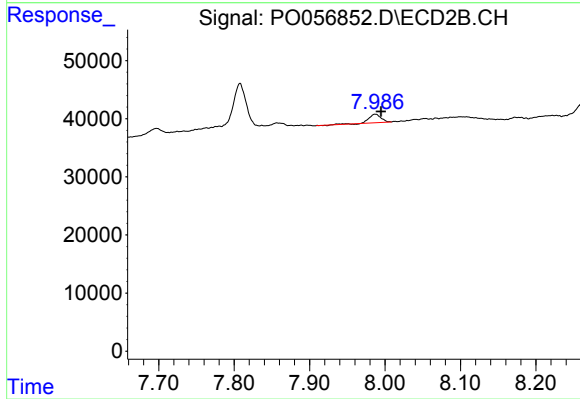
#39 AR-1262-4

R.T.: 7.493 min
Delta R.T.: -0.010 min
Response: 59413
Conc: 11.40 ng/ml



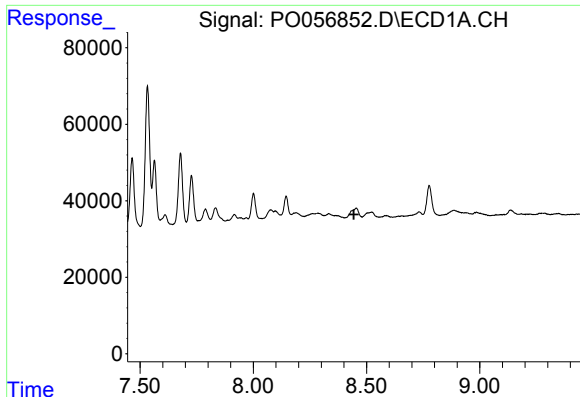
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.148 min
Response: 0
Conc: N.D.



#40 AR-1262-5

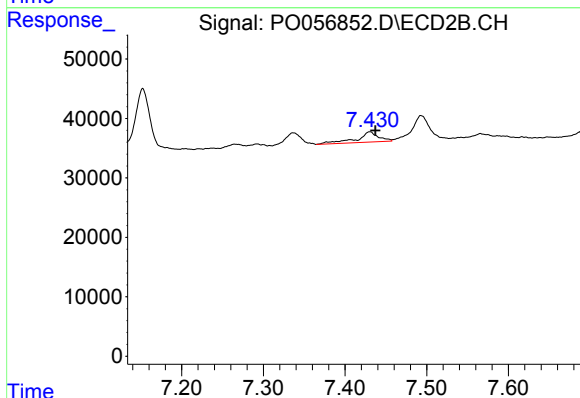
R.T.: 7.987 min
Delta R.T.: -0.008 min
Response: 15599
Conc: 6.72 ng/ml



#41 AR-1268-1

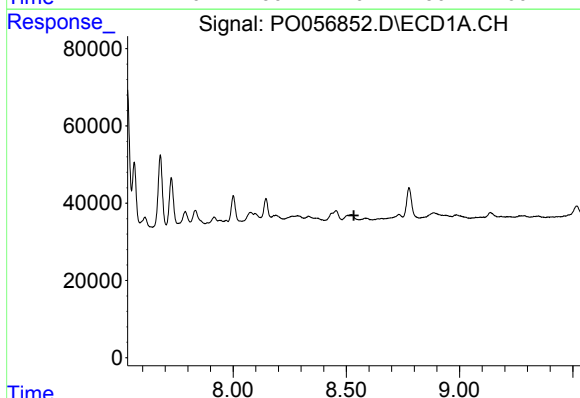
R.T.: 0.000 min
Exp R.T.: 8.444 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



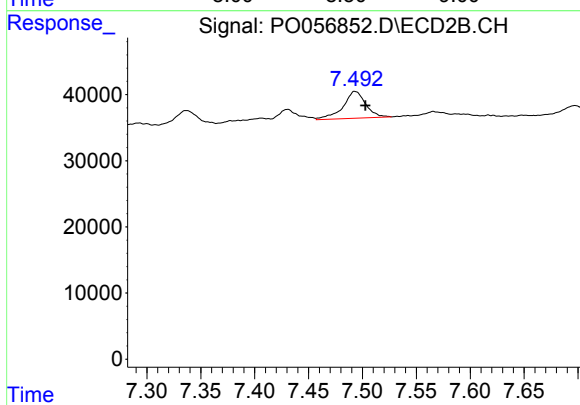
#41 AR-1268-1

R.T.: 7.431 min
Delta R.T.: -0.007 min
Response: 32230
Conc: 4.32 ng/ml



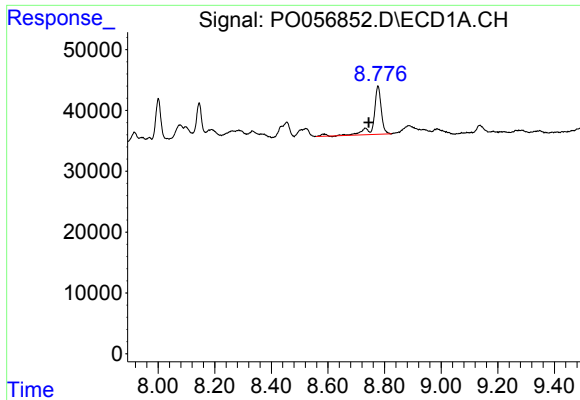
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.534 min
Response: 0
Conc: N.D.



#42 AR-1268-2

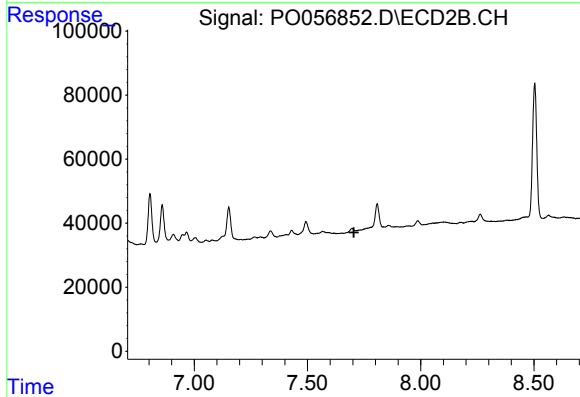
R.T.: 7.493 min
Delta R.T.: -0.010 min
Response: 59413
Conc: 8.51 ng/ml



#43 AR-1268-3

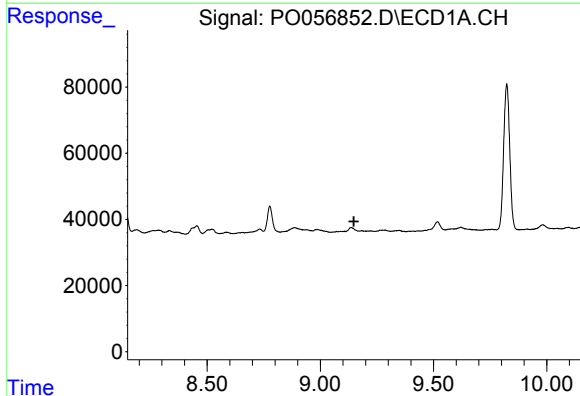
R.T.: 8.777 min
Delta R.T.: 0.034 min
Response: 149742
Conc: 22.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



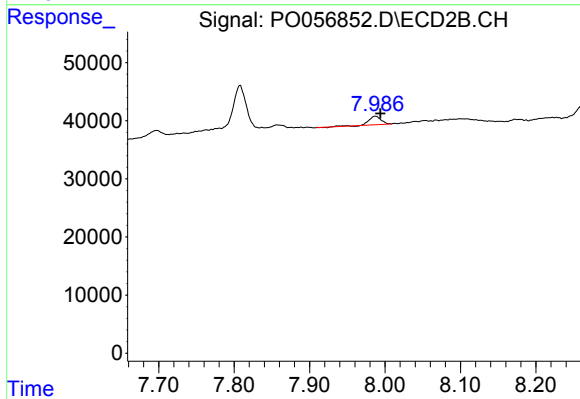
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.705 min
Response: 0
Conc: N.D.



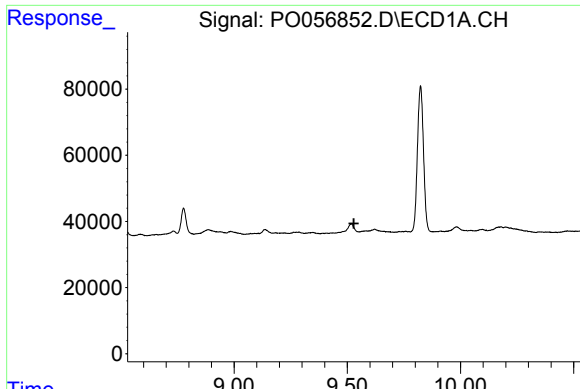
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.148 min
Response: 0
Conc: N.D.



#44 AR-1268-4

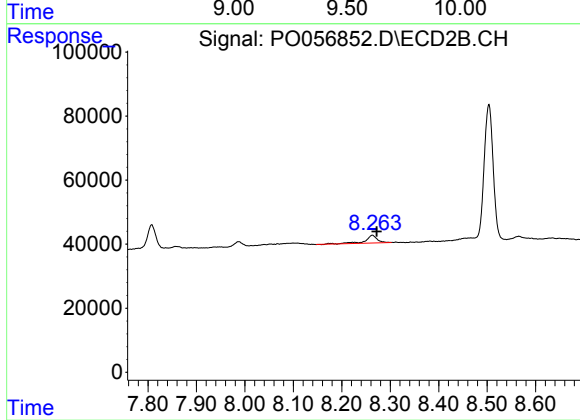
R.T.: 7.987 min
Delta R.T.: -0.007 min
Response: 15599
Conc: 6.68 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
FK-SF-02-004-B



#45 AR-1268-5

R.T.: 8.263 min
Delta R.T.: -0.009 min
Response: 41509
Conc: 2.40 ng/ml