

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041324\
 Data File : P0102802.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2024 14:20
 Operator : YP/AJ
 Sample : P2083-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 15:27:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 19 08:56:28 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.283	3.415f	47228372	33295024	10.712	11.571
2)	SA Decachlor...	9.796	8.242	57064909	30322692	20.553	16.714
Target Compounds							
3)	L1 AR-1016-1	5.404	4.430	1527988	11529801	11.587	141.797 #
4)	L1 AR-1016-2	5.404	4.430	1527988	11529801	7.854	99.560 #
5)	L1 AR-1016-3	5.498	0.000	2629187	0	24.680	N.D. #
6)	L1 AR-1016-4	5.586	0.000	998266	0	10.065	N.D. #
7)	L1 AR-1016-5	5.886	4.841	961899	6649346	10.013	92.974 #
8)	L2 AR-1221-1	4.461	3.555	3823796	2191250	89.212	74.265
9)	L2 AR-1221-2	4.584	0.000	2207159	0	65.663	N.D. #
10)	L2 AR-1221-3	4.584f	0.000	2207159	0	22.398	N.D. #
11)	L3 AR-1232-1	4.584f	0.000	2207159	0	26.350	N.D. #
12)	L3 AR-1232-2	5.186f	4.430	946.6E6	11529801	19745.686	226.528 #
13)	L3 AR-1232-3	5.404	0.000	1527988	0	18.889	N.D. #
14)	L3 AR-1232-4	5.586	0.000	998266	0	24.559	N.D. #
15)	L3 AR-1232-5	5.709	4.841	1644279	6649346	46.010	226.882 #
16)	L4 AR-1242-1	5.404	4.430	1527988	11529801	16.960	197.543 #
17)	L4 AR-1242-2	5.404	4.430	1527988	11529801	11.576	141.402 #
18)	L4 AR-1242-3	5.498	0.000	2629187	0	31.008	N.D. #
19)	L4 AR-1242-4	5.586	0.000	998266	0	14.880	N.D. #
20)	L4 AR-1242-5	6.322	5.233	354708	651965	5.665	11.644 #
21)	L5 AR-1248-1	5.404	4.430	1527988	11529801	21.707	245.482 #
22)	L5 AR-1248-2	5.709	0.000	1644279	0	13.582	N.D. #
23)	L5 AR-1248-3	5.886	0.000	961899	0	7.926	N.D. #
24)	L5 AR-1248-4	6.322f	4.841	354708	6649346	3.055	74.176 #
25)	L5 AR-1248-5	6.322	5.264	354708	532784	3.172	7.502 #
26)	L6 AR-1254-1	6.218f	5.233	1268392	651965	9.548	5.417 #
27)	L6 AR-1254-2	0.000	5.341	0	1604388	N.D.	14.590 #
28)	L6 AR-1254-3	6.841	5.823f	990361	332.2E6	5.536	2106.510 #
29)	L6 AR-1254-4	0.000	5.979	0	183300	N.D.	2.366 #
30)	L6 AR-1254-5	7.558	6.392	544.8E6	465887	4047.237	3.381 #
31)	L7 AR-1260-1	6.973	5.823f	916419	332.2E6	5.430	2511.309 #
32)	L7 AR-1260-2	7.217	6.087	4419821	321490	23.727	2.355 #
33)	L7 AR-1260-3	7.558f	6.239	544.8E6	531867	4554.815	3.652 #
34)	L7 AR-1260-4	7.808	6.659	442096	324214	3.102	3.231
35)	L7 AR-1260-5	8.139	6.969f	736429	56612	3.048	0.266 #
36)	L8 AR-1262-1	7.558	6.392	544.8E6	465887	5516.919	7.292 #
37)	L8 AR-1262-2	8.139	6.659	736429	324214	3.147	2.363
38)	L8 AR-1262-3	8.389f	7.208	583893	201049	3.216	1.941 #
39)	L8 AR-1262-4	0.000	7.269	0	55178	N.D.	0.337 #
40)	L8 AR-1262-5	9.080f	7.729	1253436	1724750	15.308	28.088 #
41)	L9 AR-1268-1	8.389	7.208	583893	201049	1.806	0.736 #

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Acq On : 12 Apr 2024 14:20
Operator : YP/AJ
Sample : P2083-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

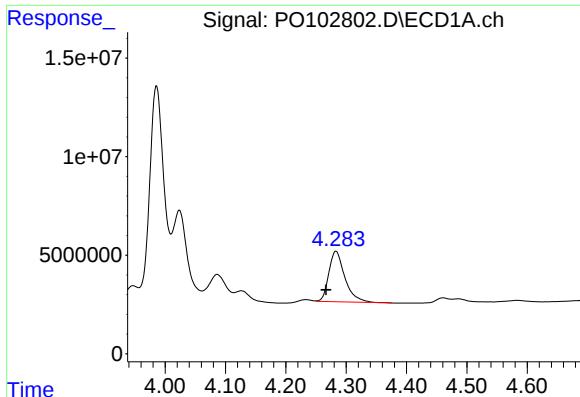
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 15:27:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 19 08:56:28 2024
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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
42)	L9 AR-1268-2	0.000	7.269	0	55178	N.D.	0.220 #
43)	L9 AR-1268-3	8.720	7.465	100.5E6	126664	379.083	0.569 #
44)	L9 AR-1268-4	9.080f	8.017	1253436	357047	13.219	0.621 #
45)	L9 AR-1268-5	9.542f	8.242	-340276	30322692	N.D.	106.548 #

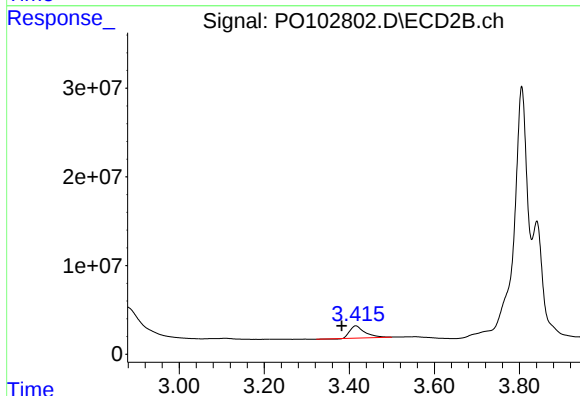
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

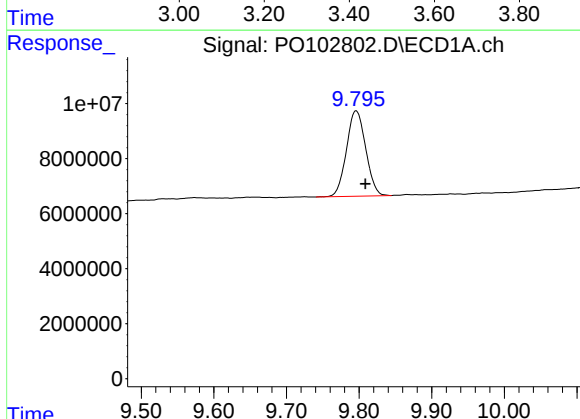
R.T.: 4.283 min
Delta R.T.: 0.016 min
Response: 47228372
Conc: 10.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



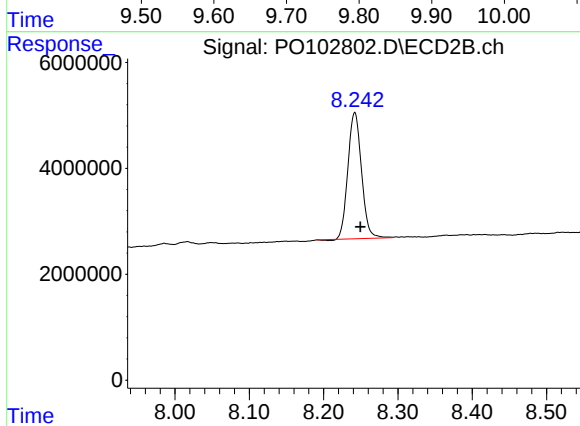
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: 0.033 min
Response: 33295024
Conc: 11.57 ng/ml



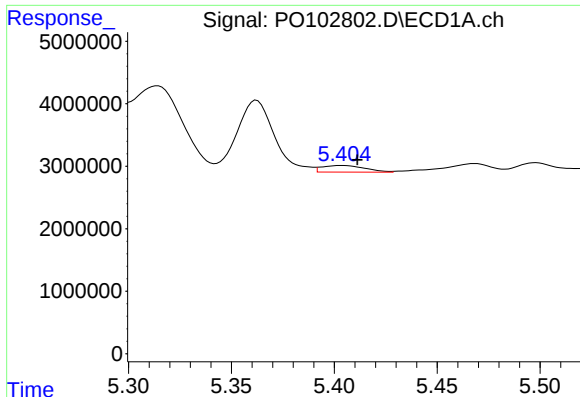
#2 Decachlorobiphenyl

R.T.: 9.796 min
Delta R.T.: -0.013 min
Response: 57064909
Conc: 20.55 ng/ml



#2 Decachlorobiphenyl

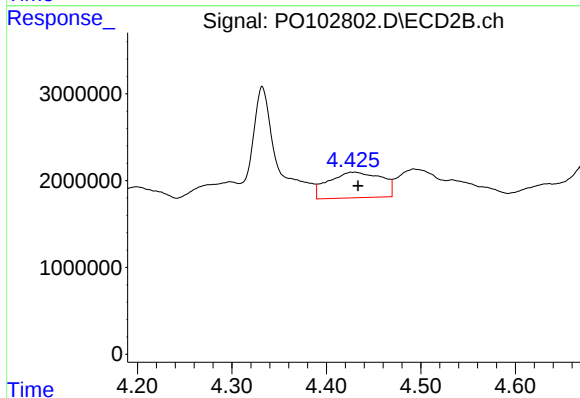
R.T.: 8.242 min
Delta R.T.: -0.007 min
Response: 30322692
Conc: 16.71 ng/ml



#3 AR-1016-1

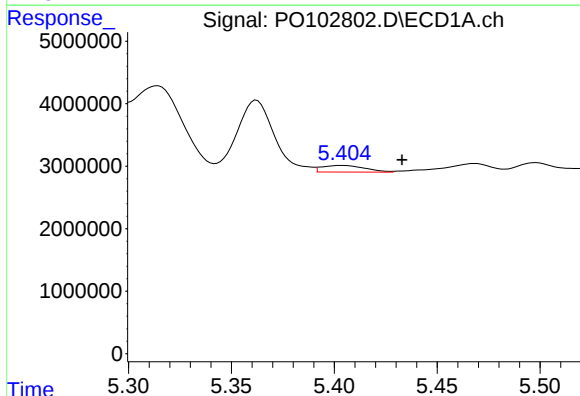
R.T.: 5.404 min
Delta R.T.: -0.007 min
Response: 1527988
Conc: 11.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



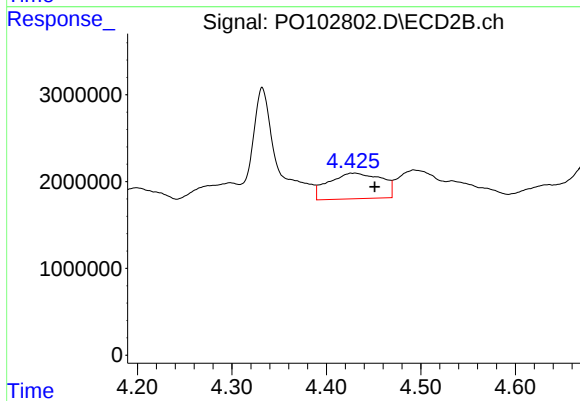
#3 AR-1016-1

R.T.: 4.430 min
Delta R.T.: -0.003 min
Response: 11529801
Conc: 141.80 ng/ml



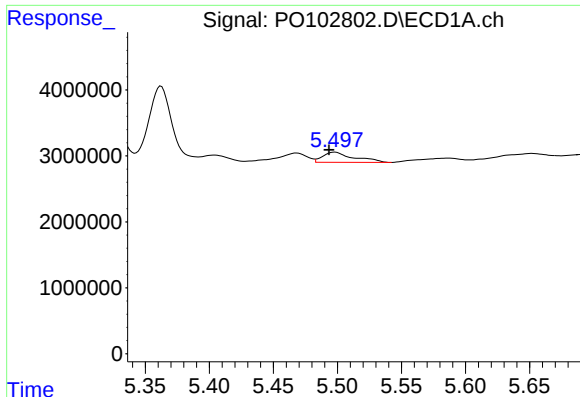
#4 AR-1016-2

R.T.: 5.404 min
Delta R.T.: -0.029 min
Response: 1527988
Conc: 7.85 ng/ml



#4 AR-1016-2

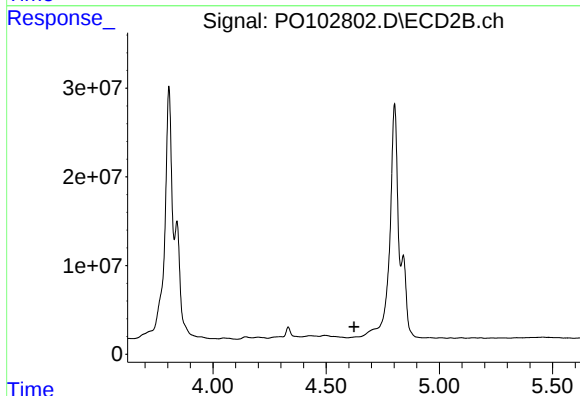
R.T.: 4.430 min
Delta R.T.: -0.021 min
Response: 11529801
Conc: 99.56 ng/ml



#5 AR-1016-3

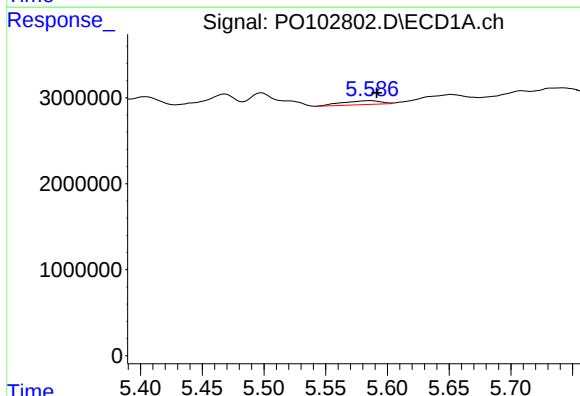
R.T.: 5.498 min
Delta R.T.: 0.005 min
Response: 2629187
Conc: 24.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



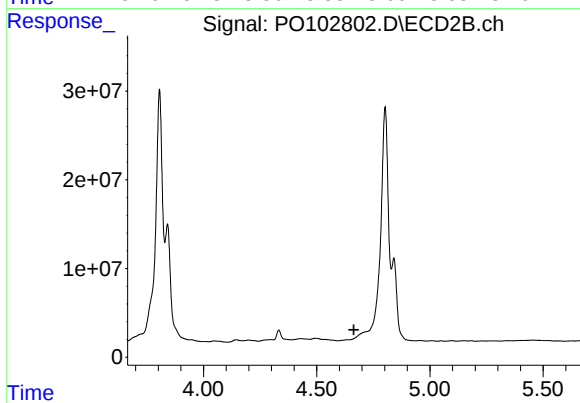
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.623 min
Response: 0
Conc: N.D.



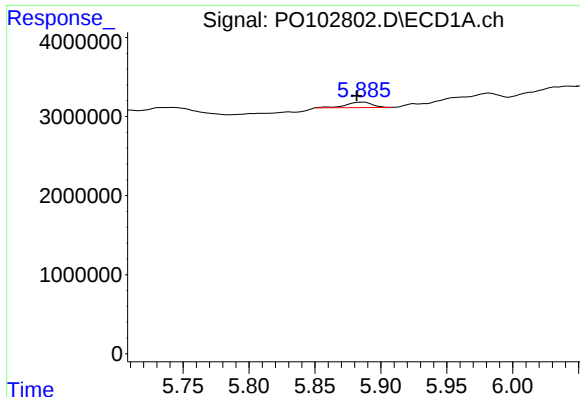
#6 AR-1016-4

R.T.: 5.586 min
Delta R.T.: -0.005 min
Response: 998266
Conc: 10.06 ng/ml



#6 AR-1016-4

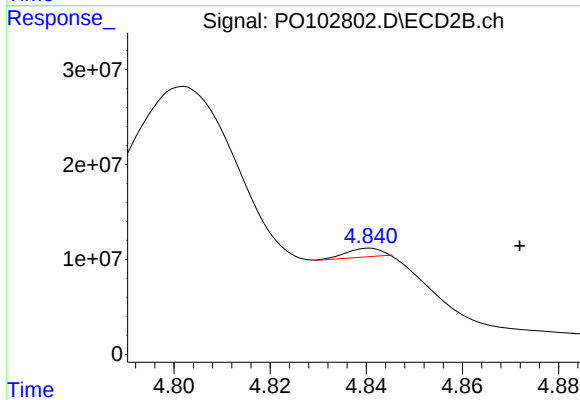
R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.



#7 AR-1016-5

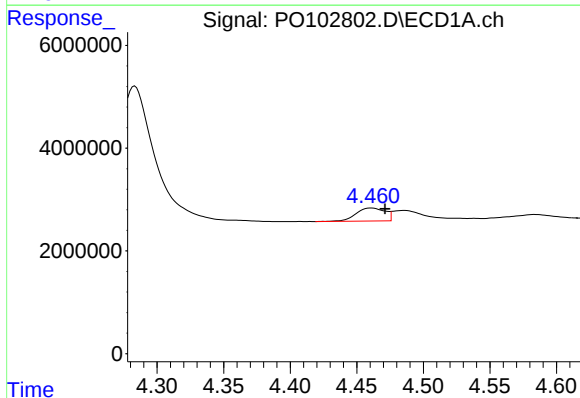
R.T.: 5.886 min
Delta R.T.: 0.004 min
Response: 961899
Conc: 10.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



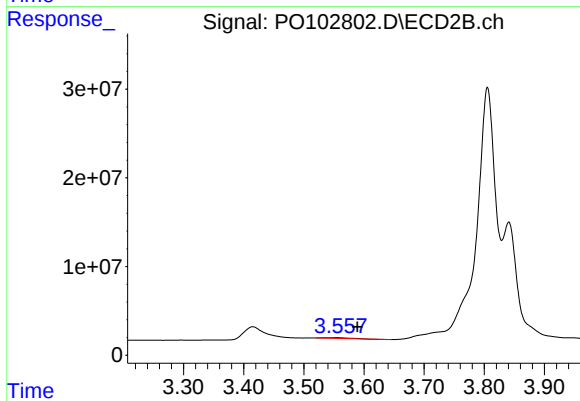
#7 AR-1016-5

R.T.: 4.841 min
Delta R.T.: -0.031 min
Response: 6649346
Conc: 92.97 ng/ml



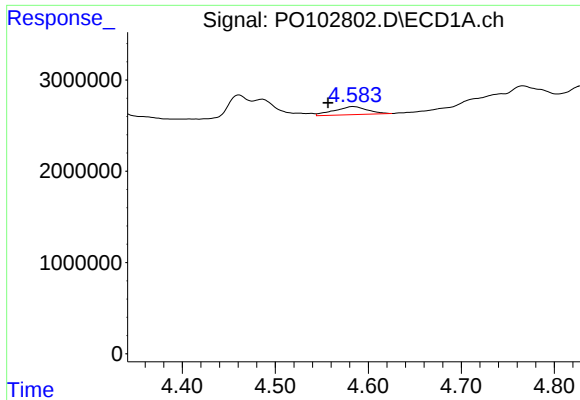
#8 AR-1221-1

R.T.: 4.461 min
Delta R.T.: -0.010 min
Response: 3823796
Conc: 89.21 ng/ml



#8 AR-1221-1

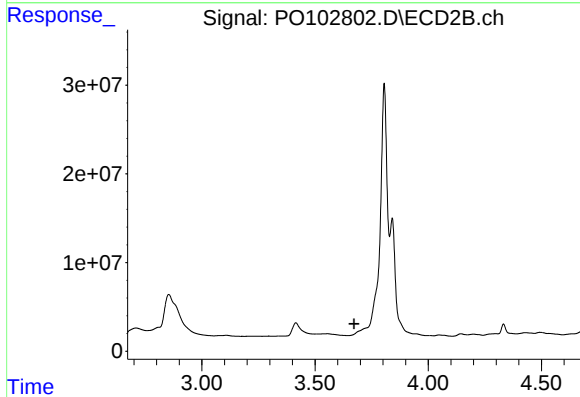
R.T.: 3.555 min
Delta R.T.: -0.034 min
Response: 2191250
Conc: 74.27 ng/ml



#9 AR-1221-2

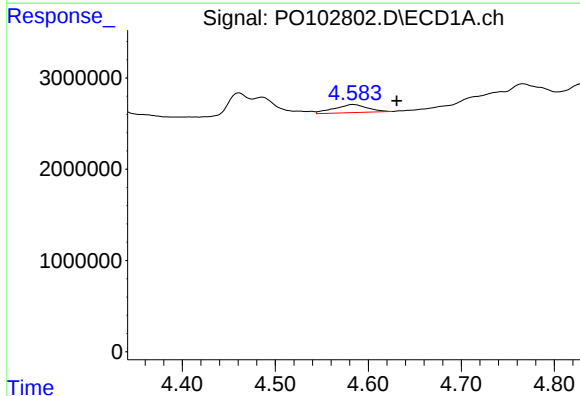
R.T.: 4.584 min
Delta R.T.: 0.027 min
Response: 2207159
Conc: 65.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



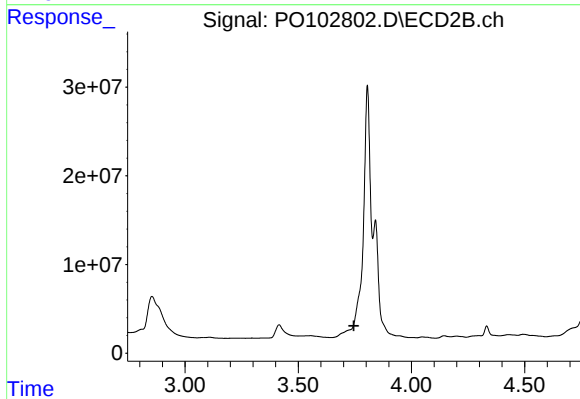
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.672 min
Response: 0
Conc: N.D.



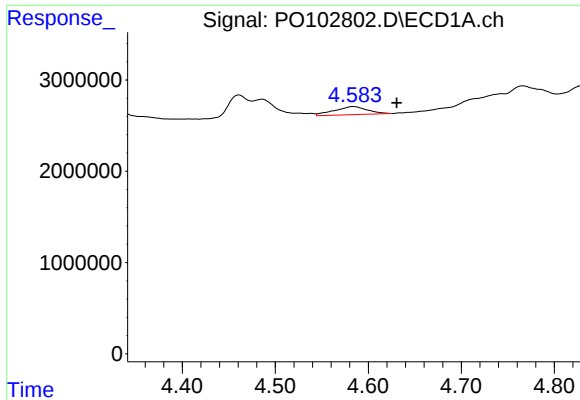
#10 AR-1221-3

R.T.: 4.584 min
Delta R.T.: -0.047 min
Response: 2207159
Conc: 22.40 ng/ml



#10 AR-1221-3

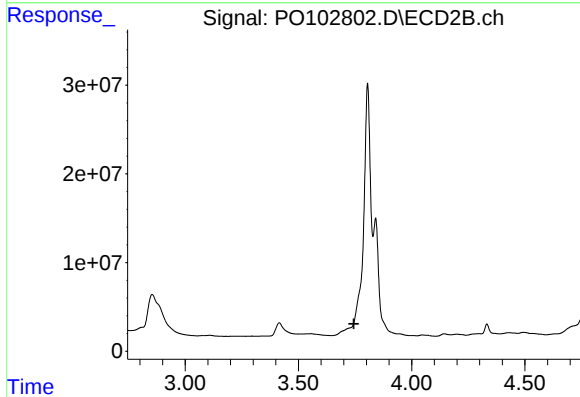
R.T.: 0.000 min
Exp R.T. : 3.746 min
Response: 0
Conc: N.D.



#11 AR-1232-1

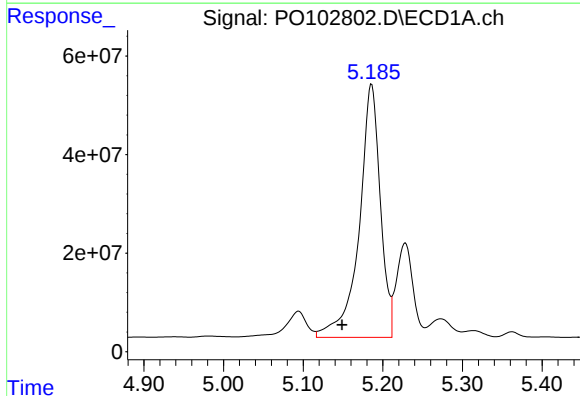
R.T.: 4.584 min
Delta R.T.: -0.047 min
Response: 2207159
Conc: 26.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



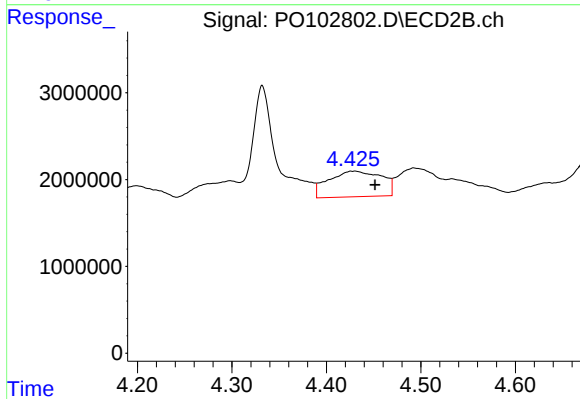
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.745 min
Response: 0
Conc: N.D.



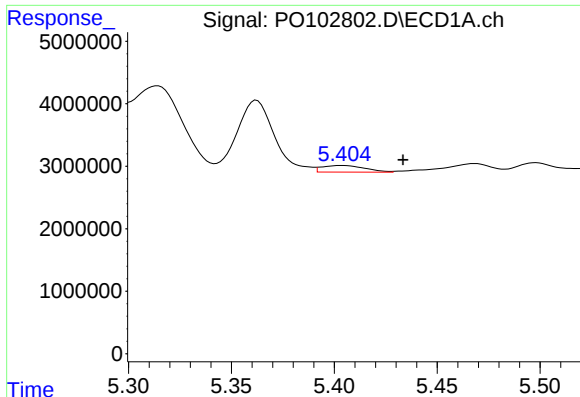
#12 AR-1232-2

R.T.: 5.186 min
Delta R.T.: 0.037 min
Response: 946627382
Conc: 19745.69 ng/ml



#12 AR-1232-2

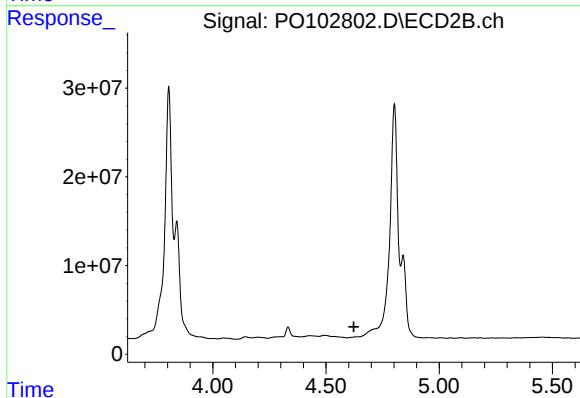
R.T.: 4.430 min
Delta R.T.: -0.021 min
Response: 11529801
Conc: 226.53 ng/ml



#13 AR-1232-3

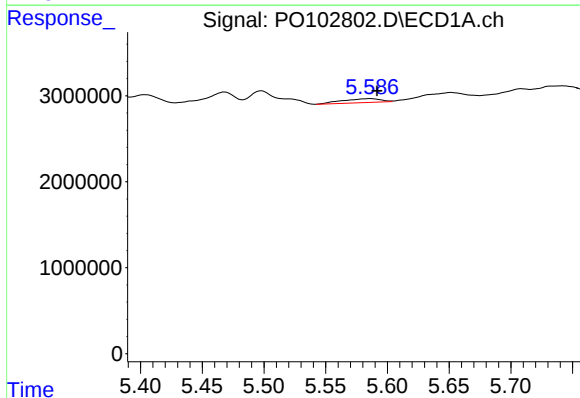
R.T.: 5.404 min
Delta R.T.: -0.030 min
Response: 1527988
Conc: 18.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



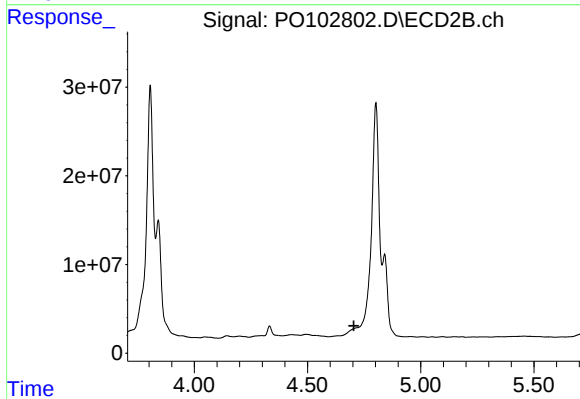
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.623 min
Response: 0
Conc: N.D.



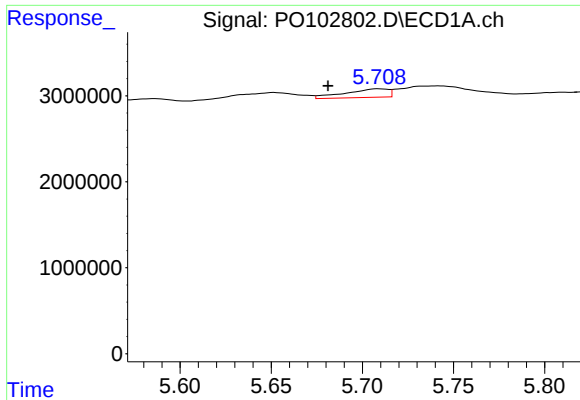
#14 AR-1232-4

R.T.: 5.586 min
Delta R.T.: -0.005 min
Response: 998266
Conc: 24.56 ng/ml



#14 AR-1232-4

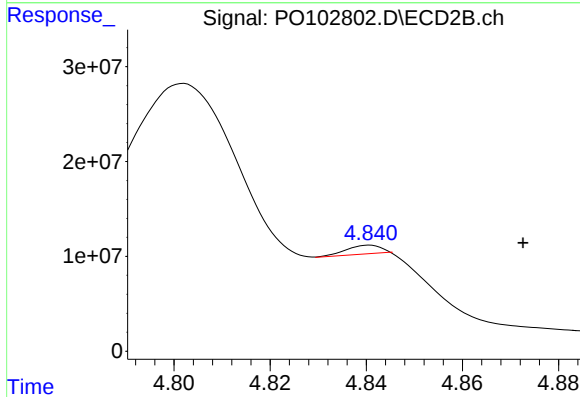
R.T.: 0.000 min
Exp R.T. : 4.705 min
Response: 0
Conc: N.D.



#15 AR-1232-5

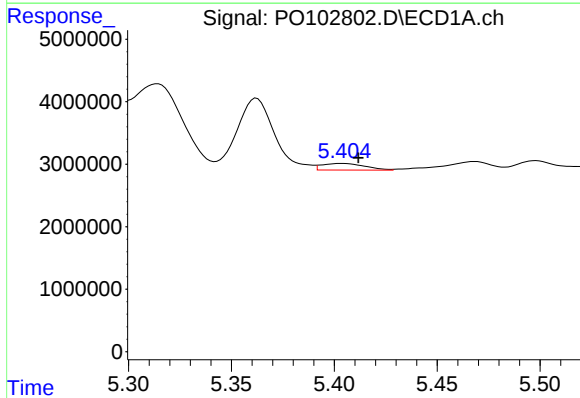
R.T.: 5.709 min
Delta R.T.: 0.028 min
Response: 1644279
Conc: 46.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



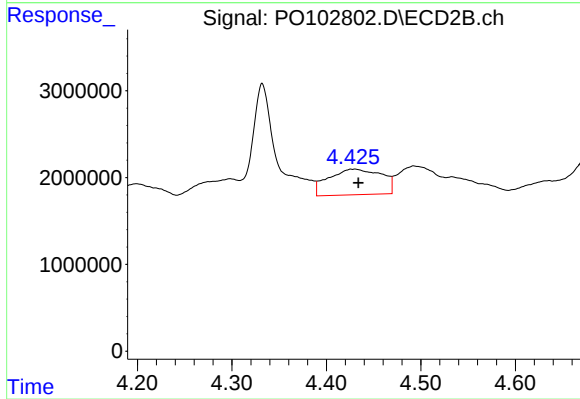
#15 AR-1232-5

R.T.: 4.841 min
Delta R.T.: -0.032 min
Response: 6649346
Conc: 226.88 ng/ml



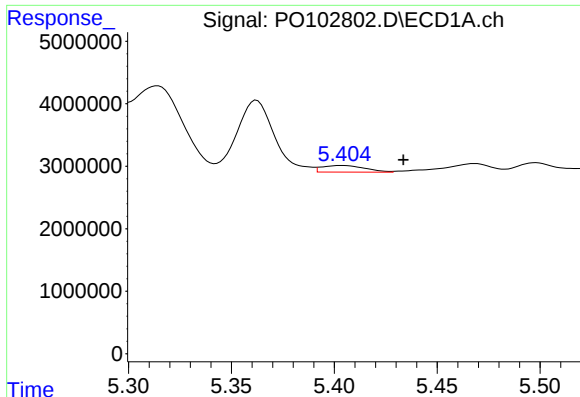
#16 AR-1242-1

R.T.: 5.404 min
Delta R.T.: -0.008 min
Response: 1527988
Conc: 16.96 ng/ml



#16 AR-1242-1

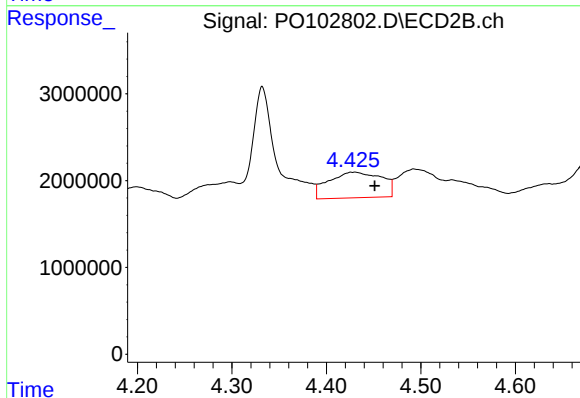
R.T.: 4.430 min
Delta R.T.: -0.003 min
Response: 11529801
Conc: 197.54 ng/ml



#17 AR-1242-2

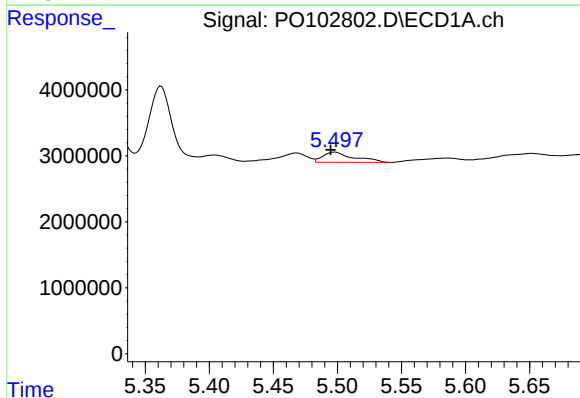
R.T.: 5.404 min
Delta R.T.: -0.030 min
Response: 1527988
Conc: 11.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



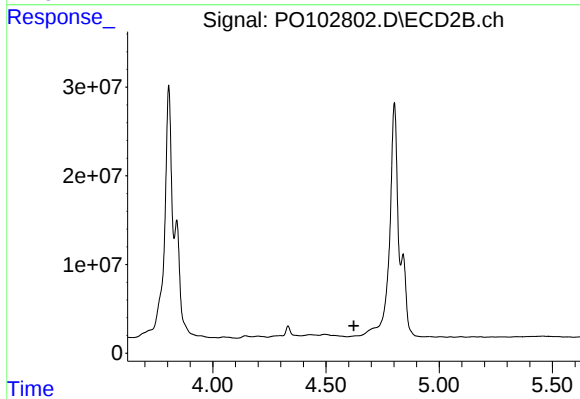
#17 AR-1242-2

R.T.: 4.430 min
Delta R.T.: -0.021 min
Response: 11529801
Conc: 141.40 ng/ml



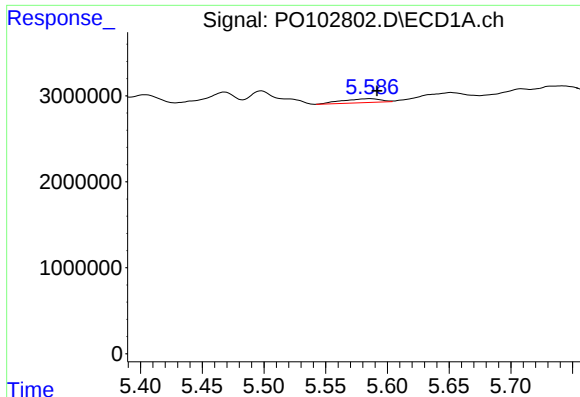
#18 AR-1242-3

R.T.: 5.498 min
Delta R.T.: 0.003 min
Response: 2629187
Conc: 31.01 ng/ml



#18 AR-1242-3

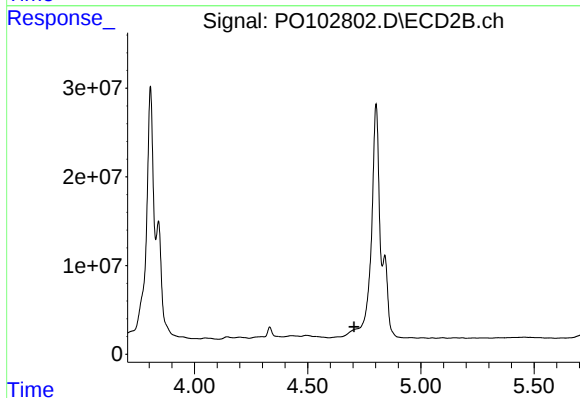
R.T.: 0.000 min
Exp R.T. : 4.623 min
Response: 0
Conc: N.D.



#19 AR-1242-4

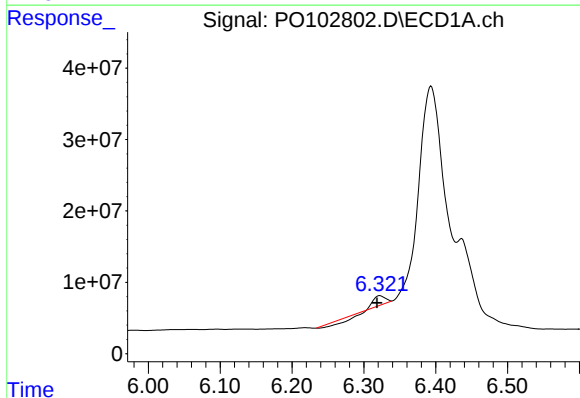
R.T.: 5.586 min
Delta R.T.: -0.005 min
Response: 998266
Conc: 14.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



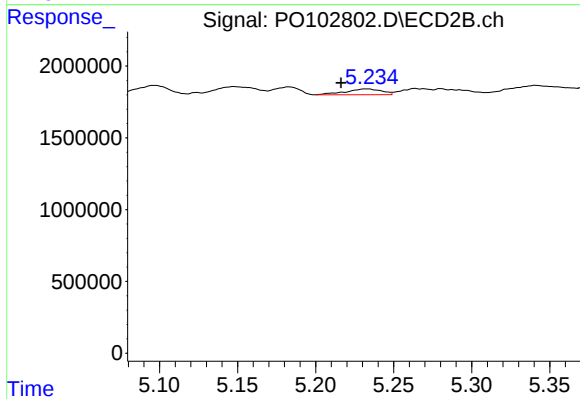
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.705 min
Response: 0
Conc: N.D.



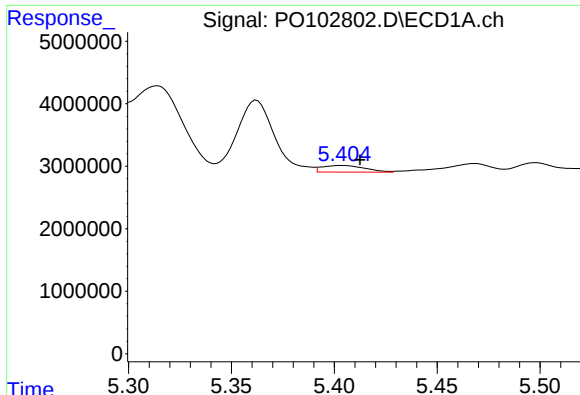
#20 AR-1242-5

R.T.: 6.322 min
Delta R.T.: 0.004 min
Response: 354708
Conc: 5.67 ng/ml



#20 AR-1242-5

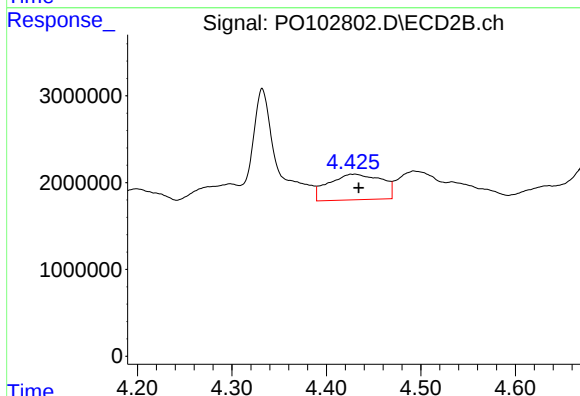
R.T.: 5.233 min
Delta R.T.: 0.016 min
Response: 651965
Conc: 11.64 ng/ml



#21 AR-1248-1

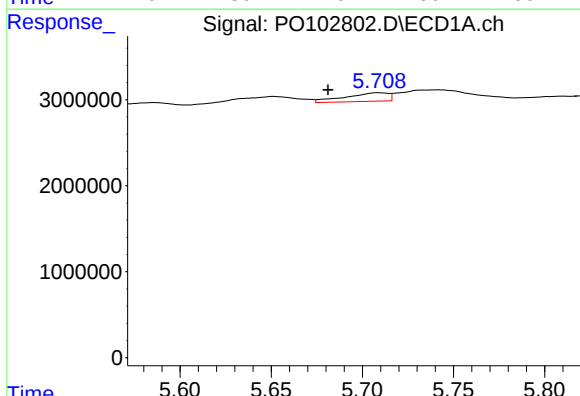
R.T.: 5.404 min
Delta R.T.: -0.009 min
Response: 1527988
Conc: 21.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



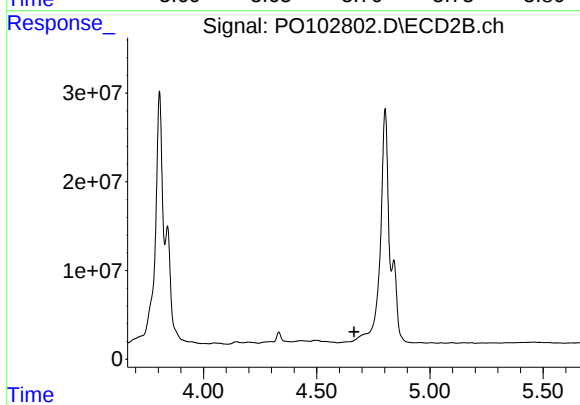
#21 AR-1248-1

R.T.: 4.430 min
Delta R.T.: -0.004 min
Response: 11529801
Conc: 245.48 ng/ml



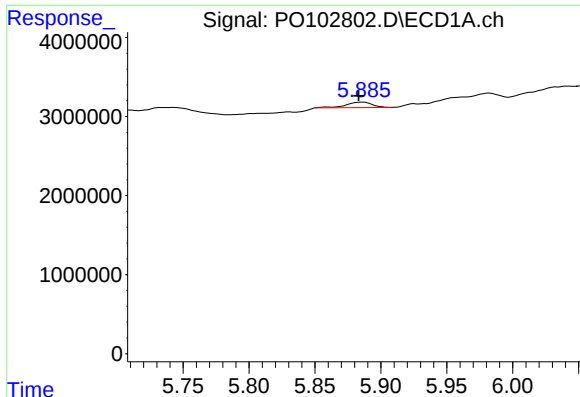
#22 AR-1248-2

R.T.: 5.709 min
Delta R.T.: 0.028 min
Response: 1644279
Conc: 13.58 ng/ml



#22 AR-1248-2

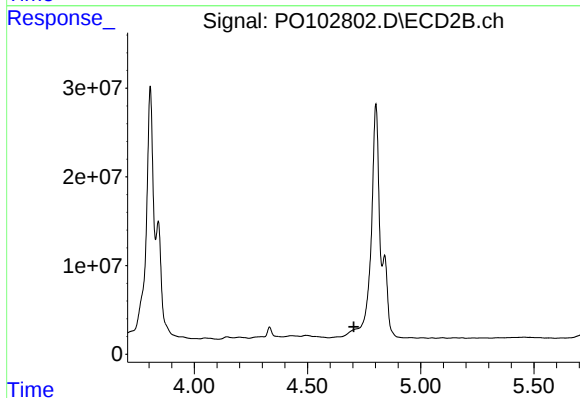
R.T.: 0.000 min
Exp R.T.: 4.664 min
Response: 0
Conc: N.D.



#23 AR-1248-3

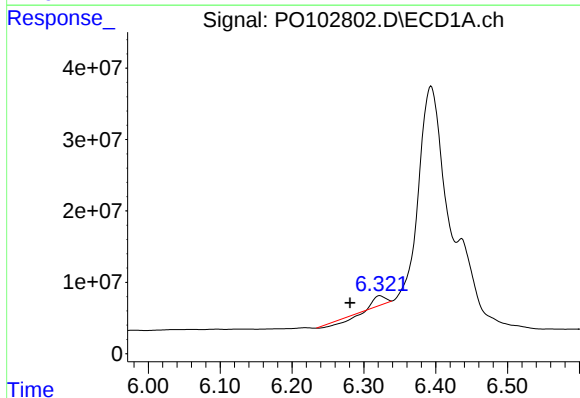
R.T.: 5.886 min
Delta R.T.: 0.003 min
Response: 961899
Conc: 7.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



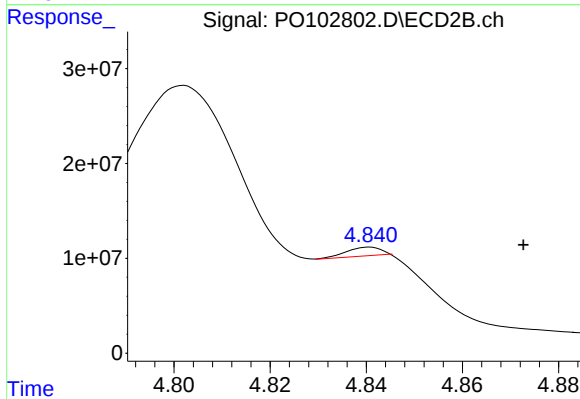
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.705 min
Response: 0
Conc: N.D.



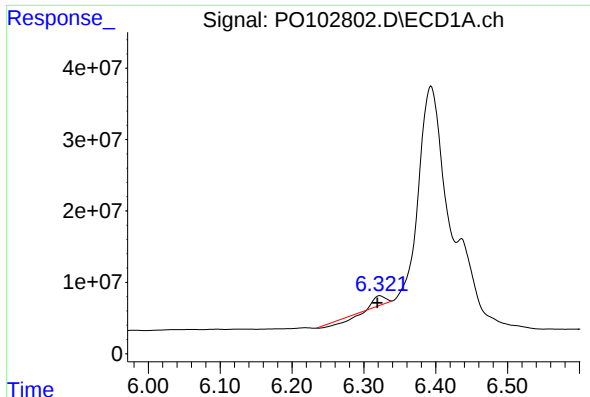
#24 AR-1248-4

R.T.: 6.322 min
Delta R.T.: 0.042 min
Response: 354708
Conc: 3.05 ng/ml



#24 AR-1248-4

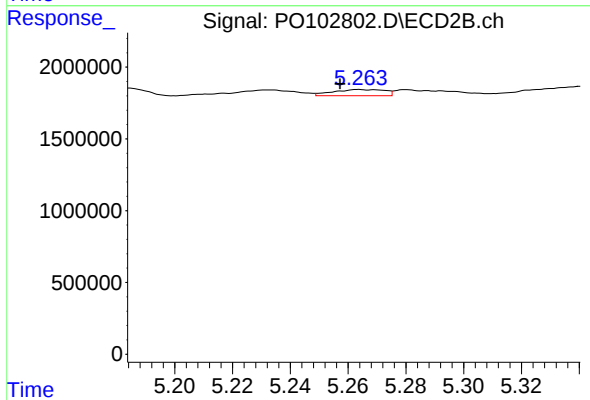
R.T.: 4.841 min
Delta R.T.: -0.032 min
Response: 6649346
Conc: 74.18 ng/ml



#25 AR-1248-5

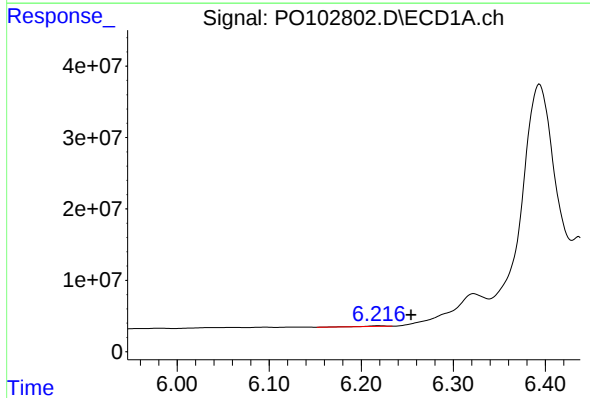
R.T.: 6.322 min
Delta R.T.: 0.003 min
Response: 354708
Conc: 3.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



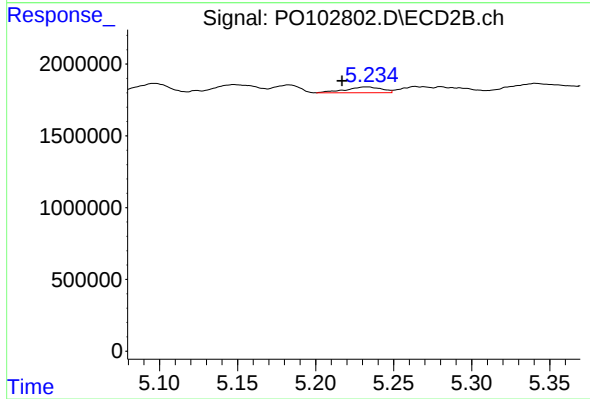
#25 AR-1248-5

R.T.: 5.264 min
Delta R.T.: 0.007 min
Response: 532784
Conc: 7.50 ng/ml



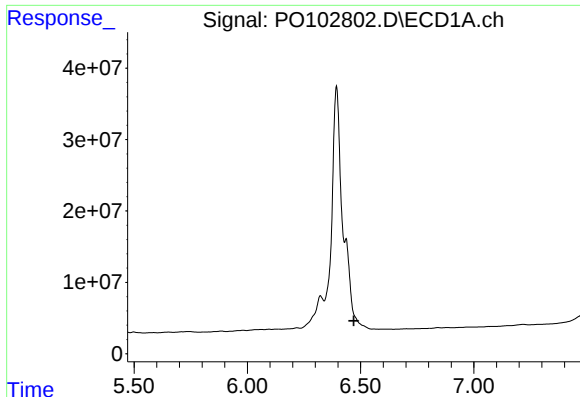
#26 AR-1254-1

R.T.: 6.218 min
Delta R.T.: -0.036 min
Response: 1268392
Conc: 9.55 ng/ml



#26 AR-1254-1

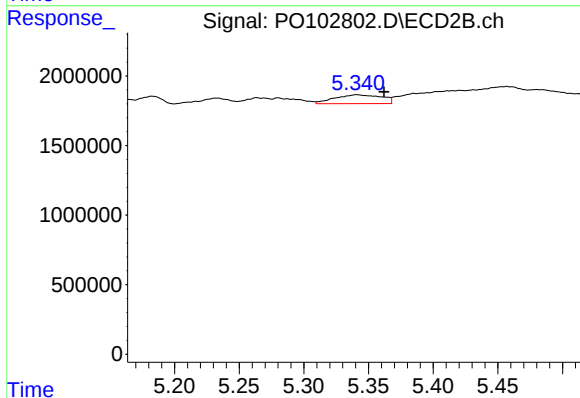
R.T.: 5.233 min
Delta R.T.: 0.016 min
Response: 651965
Conc: 5.42 ng/ml



#27 AR-1254-2

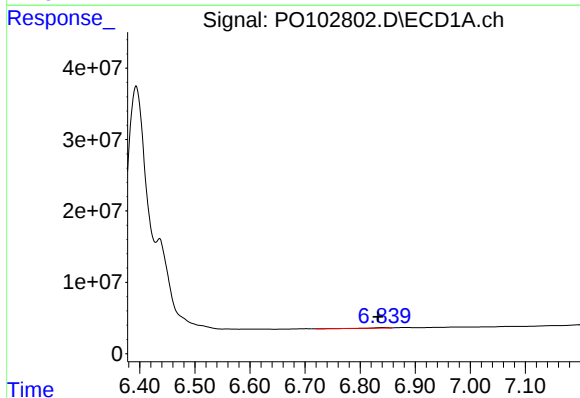
R.T.: 0.000 min
Exp R.T.: 6.470 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



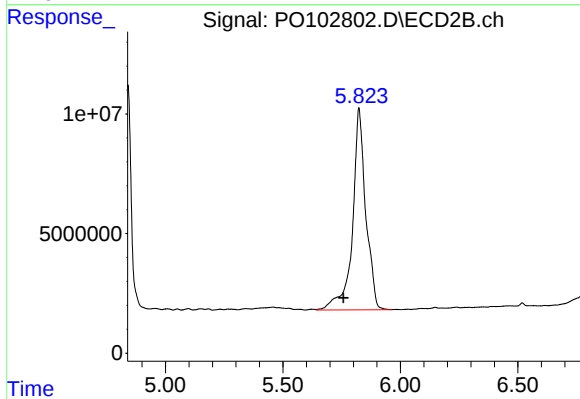
#27 AR-1254-2

R.T.: 5.341 min
Delta R.T.: -0.021 min
Response: 1604388
Conc: 14.59 ng/ml



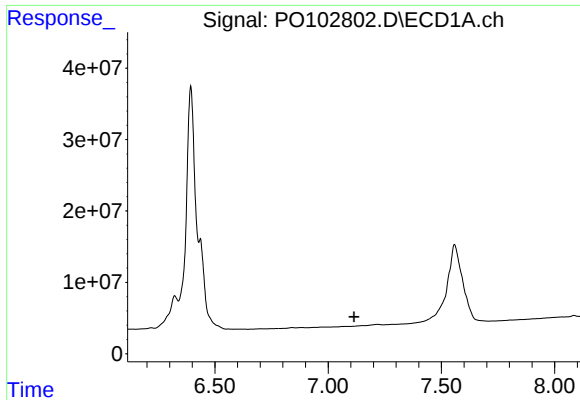
#28 AR-1254-3

R.T.: 6.841 min
Delta R.T.: 0.008 min
Response: 990361
Conc: 5.54 ng/ml



#28 AR-1254-3

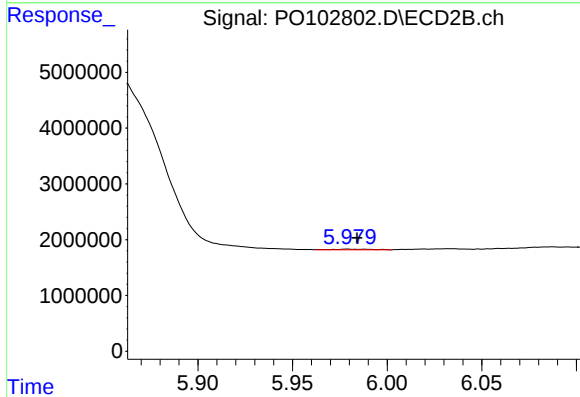
R.T.: 5.823 min
Delta R.T.: 0.065 min
Response: 332181687
Conc: 2106.51 ng/ml



#29 AR-1254-4

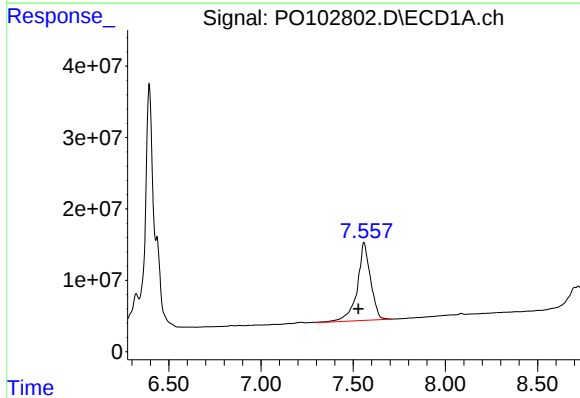
R.T.: 0.000 min
Exp R.T.: 7.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



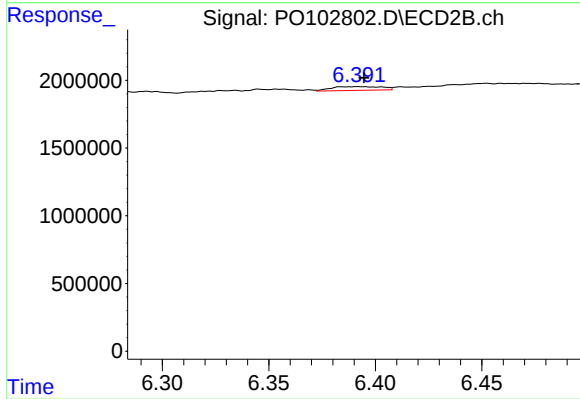
#29 AR-1254-4

R.T.: 5.979 min
Delta R.T.: -0.005 min
Response: 183300
Conc: 2.37 ng/ml



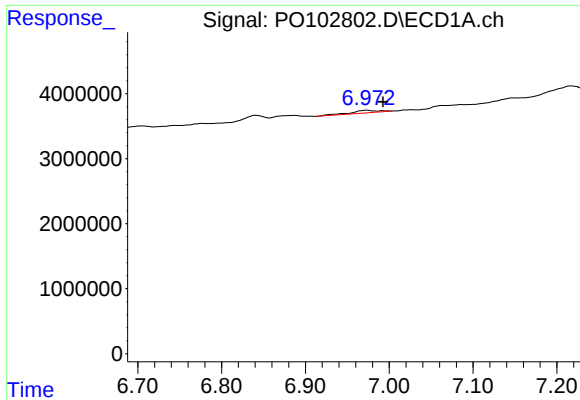
#30 AR-1254-5

R.T.: 7.558 min
Delta R.T.: 0.029 min
Response: 544750425
Conc: 4047.24 ng/ml



#30 AR-1254-5

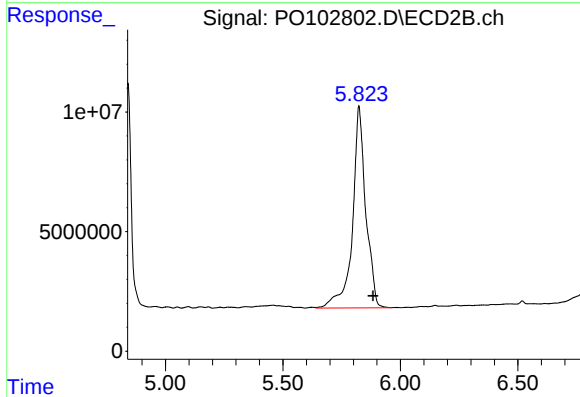
R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 465887
Conc: 3.38 ng/ml



#31 AR-1260-1

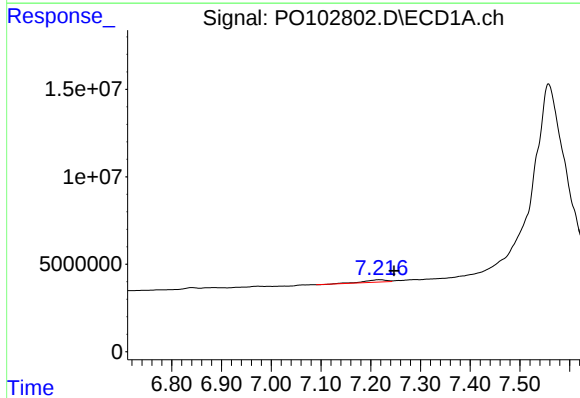
R.T.: 6.973 min
Delta R.T.: -0.020 min
Response: 916419
Conc: 5.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



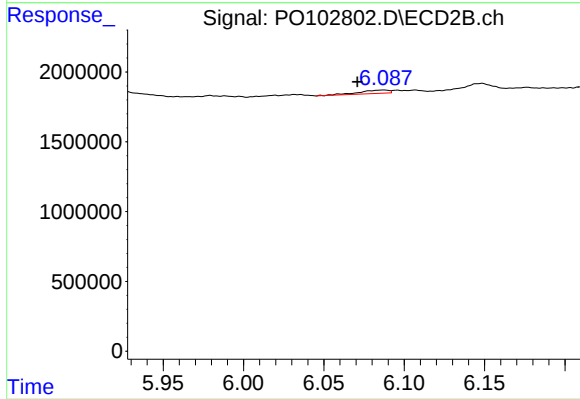
#31 AR-1260-1

R.T.: 5.823 min
Delta R.T.: -0.061 min
Response: 332181687
Conc: 2511.31 ng/ml



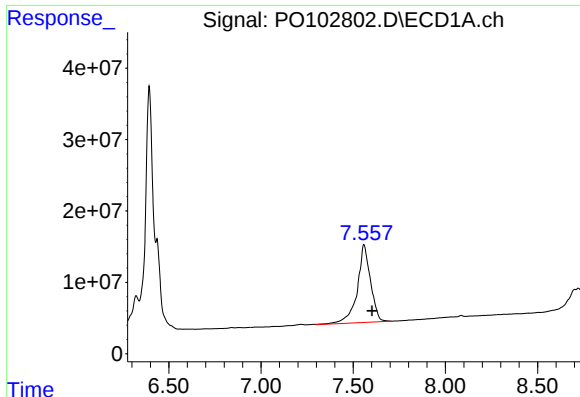
#32 AR-1260-2

R.T.: 7.217 min
Delta R.T.: -0.030 min
Response: 4419821
Conc: 23.73 ng/ml



#32 AR-1260-2

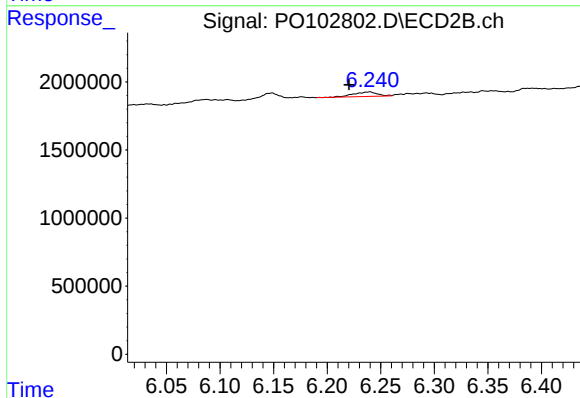
R.T.: 6.087 min
Delta R.T.: 0.016 min
Response: 321490
Conc: 2.36 ng/ml



#33 AR-1260-3

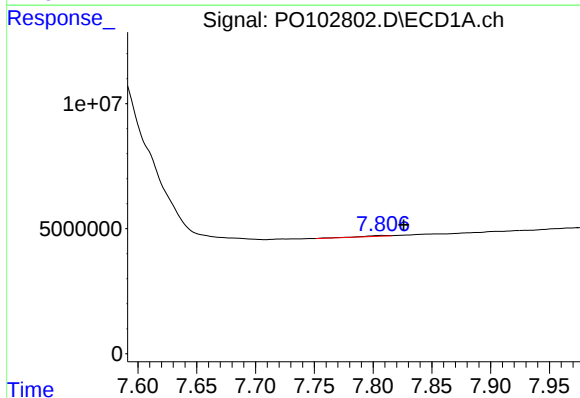
R.T.: 7.558 min
Delta R.T.: -0.045 min
Response: 544750425
Conc: 4554.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



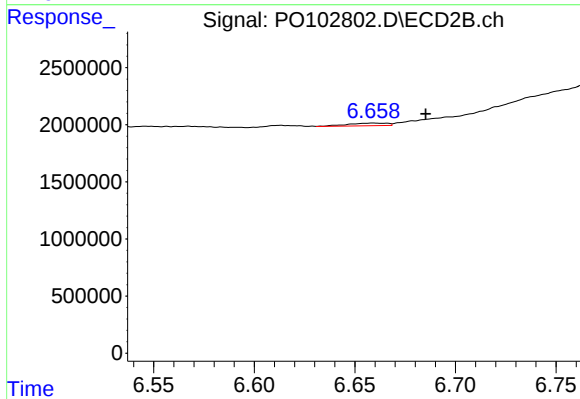
#33 AR-1260-3

R.T.: 6.239 min
Delta R.T.: 0.019 min
Response: 531867
Conc: 3.65 ng/ml



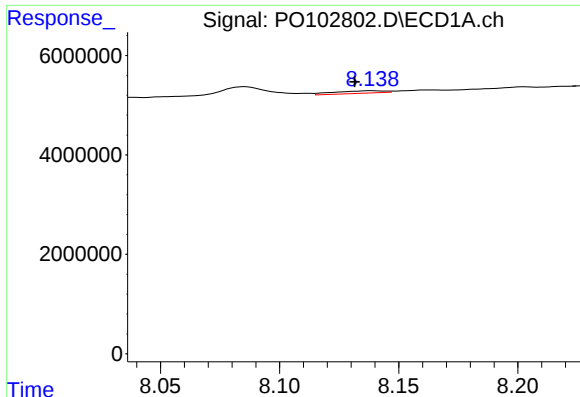
#34 AR-1260-4

R.T.: 7.808 min
Delta R.T.: -0.018 min
Response: 442096
Conc: 3.10 ng/ml



#34 AR-1260-4

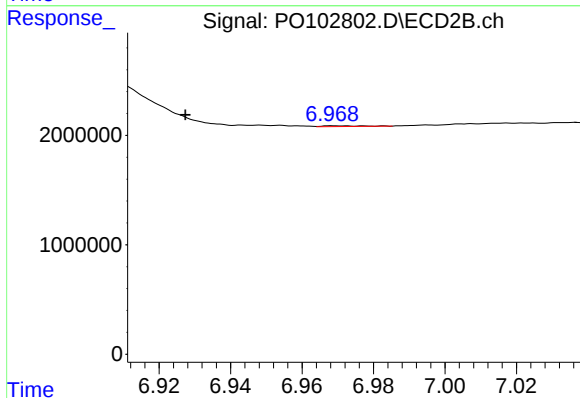
R.T.: 6.659 min
Delta R.T.: -0.026 min
Response: 324214
Conc: 3.23 ng/ml



#35 AR-1260-5

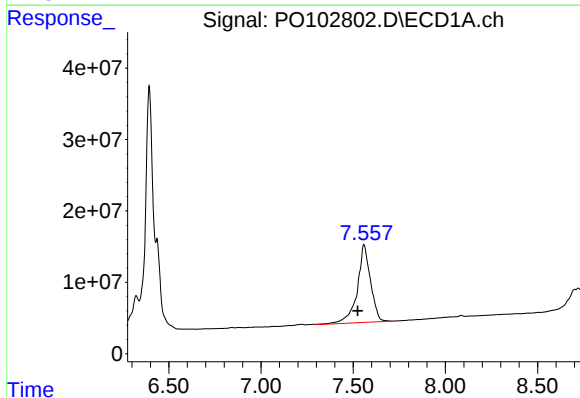
R.T.: 8.139 min
Delta R.T.: 0.008 min
Response: 736429
Conc: 3.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



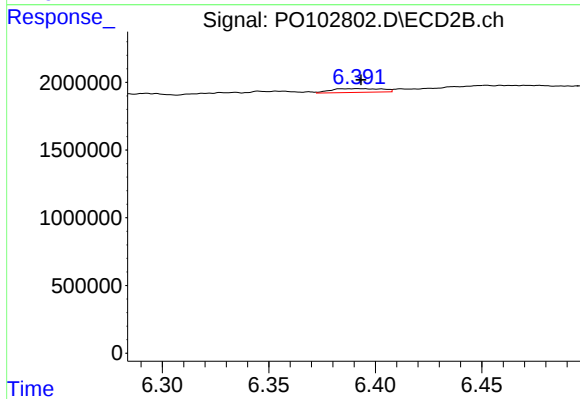
#35 AR-1260-5

R.T.: 6.969 min
Delta R.T.: 0.042 min
Response: 56612
Conc: 0.27 ng/ml



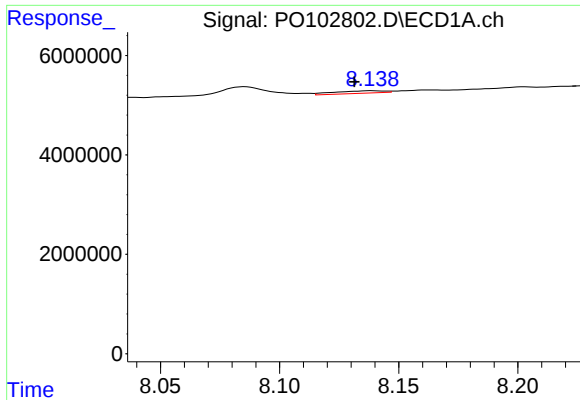
#36 AR-1262-1

R.T.: 7.558 min
Delta R.T.: 0.032 min
Response: 544750425
Conc: 5516.92 ng/ml



#36 AR-1262-1

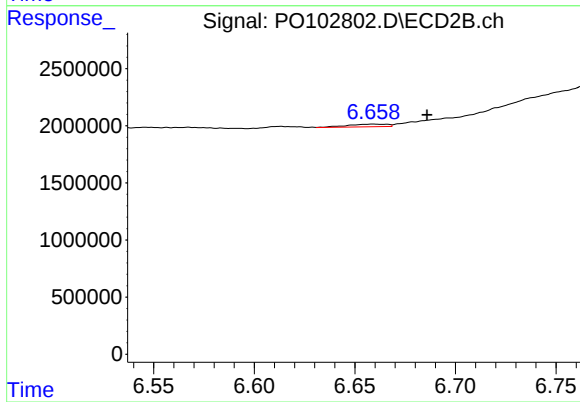
R.T.: 6.392 min
Delta R.T.: -0.001 min
Response: 465887
Conc: 7.29 ng/ml



#37 AR-1262-2

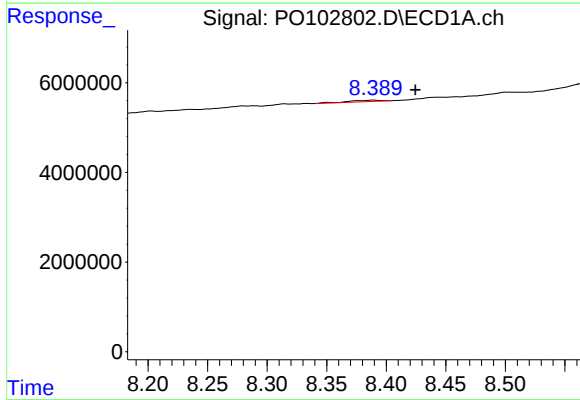
R.T.: 8.139 min
Delta R.T.: 0.008 min
Response: 736429
Conc: 3.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



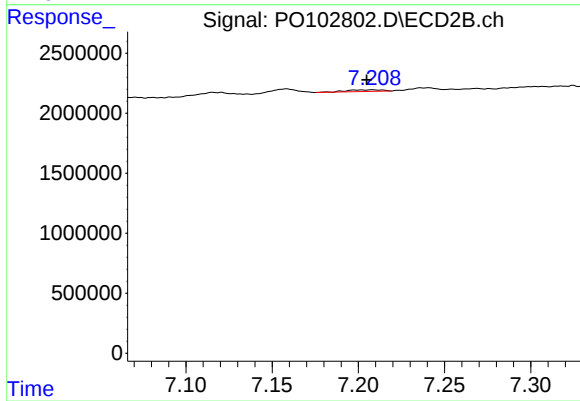
#37 AR-1262-2

R.T.: 6.659 min
Delta R.T.: -0.027 min
Response: 324214
Conc: 2.36 ng/ml



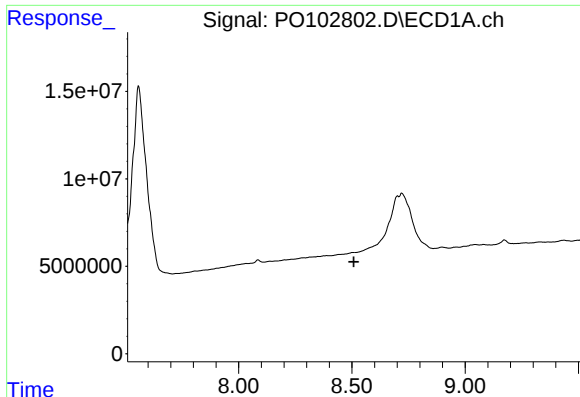
#38 AR-1262-3

R.T.: 8.389 min
Delta R.T.: -0.035 min
Response: 583893
Conc: 3.22 ng/ml



#38 AR-1262-3

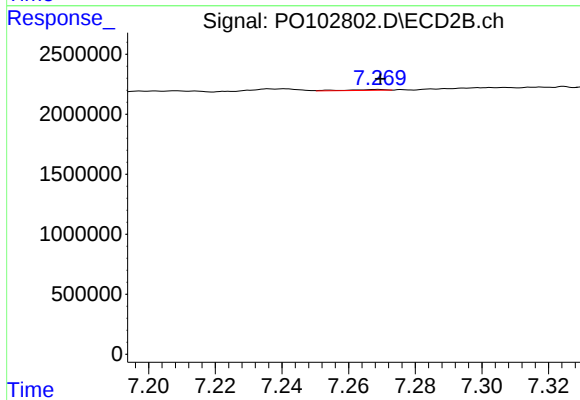
R.T.: 7.208 min
Delta R.T.: 0.003 min
Response: 201049
Conc: 1.94 ng/ml



#39 AR-1262-4

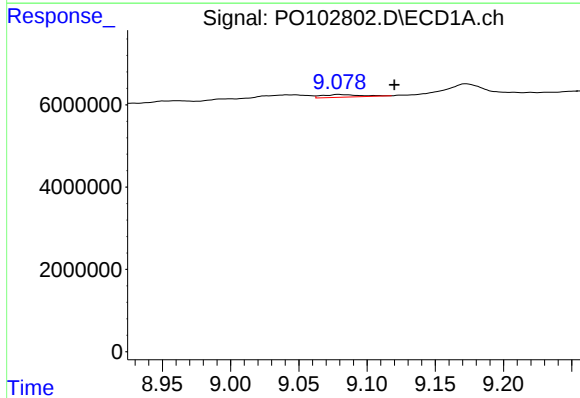
R.T.: 0.000 min
Exp R.T.: 8.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



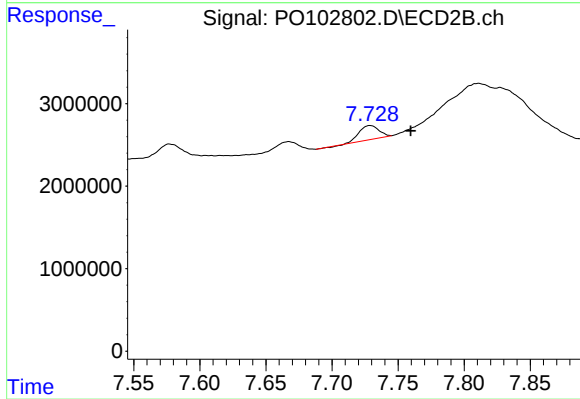
#39 AR-1262-4

R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 55178
Conc: 0.34 ng/ml



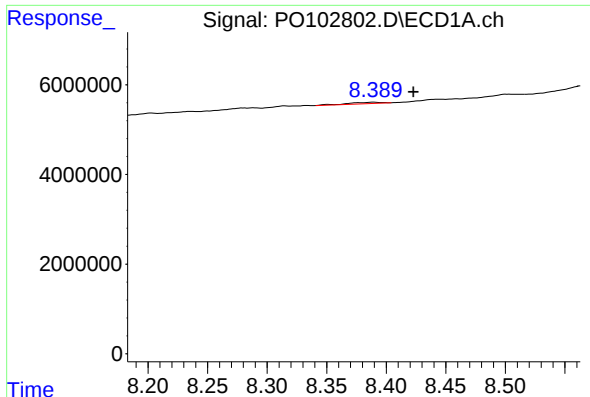
#40 AR-1262-5

R.T.: 9.080 min
Delta R.T.: -0.040 min
Response: 1253436
Conc: 15.31 ng/ml



#40 AR-1262-5

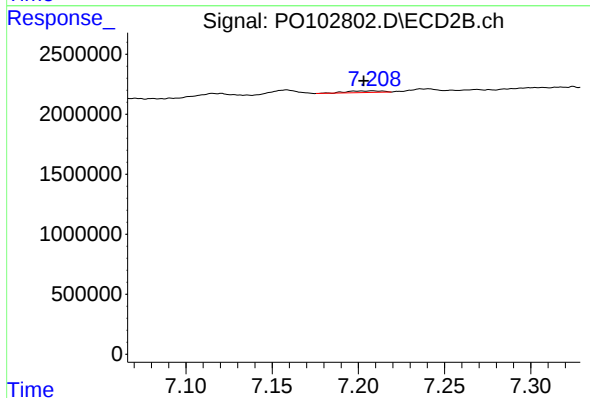
R.T.: 7.729 min
Delta R.T.: -0.031 min
Response: 1724750
Conc: 28.09 ng/ml



#41 AR-1268-1

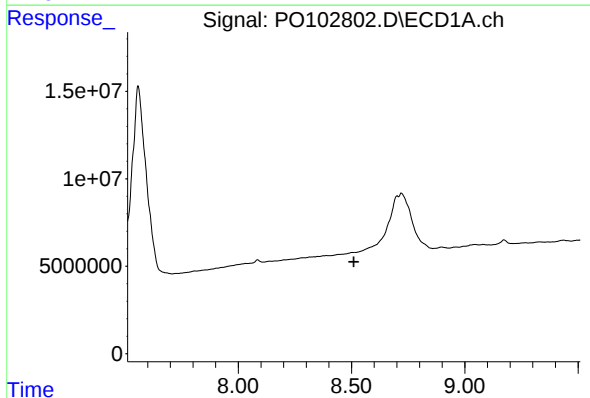
R.T.: 8.389 min
Delta R.T.: -0.034 min
Response: 583893
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



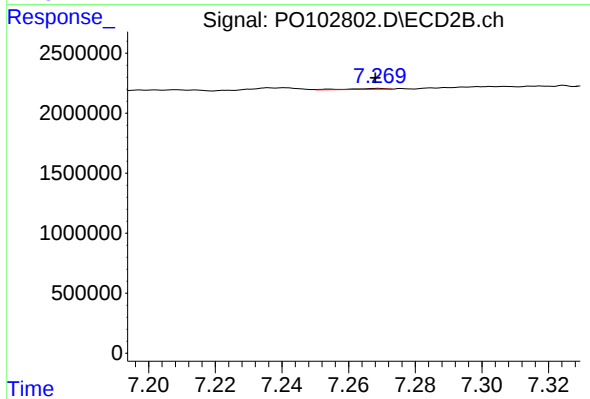
#41 AR-1268-1

R.T.: 7.208 min
Delta R.T.: 0.005 min
Response: 201049
Conc: 0.74 ng/ml



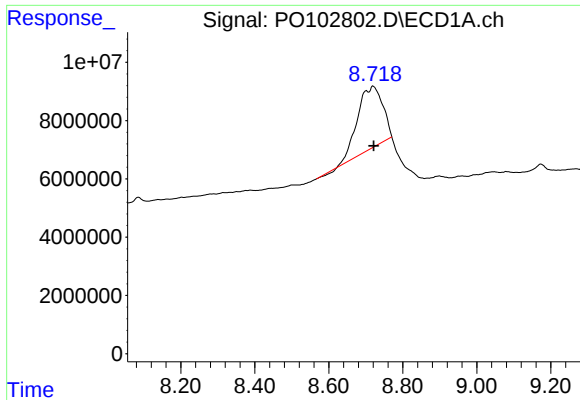
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.510 min
Response: 0
Conc: N.D.



#42 AR-1268-2

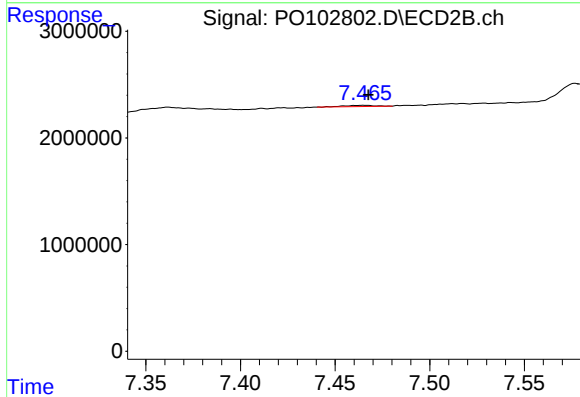
R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 55178
Conc: 0.22 ng/ml



#43 AR-1268-3

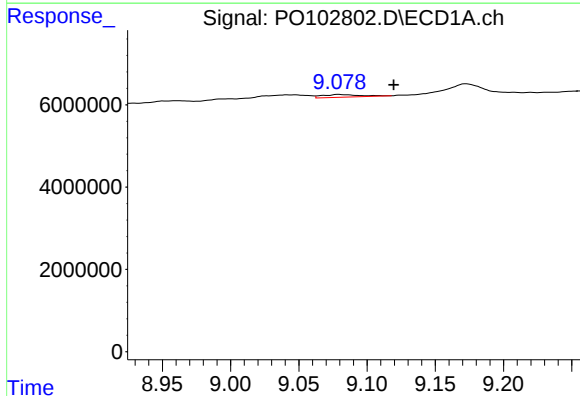
R.T.: 8.720 min
Delta R.T.: -0.002 min
Response: 100521777
Conc: 379.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



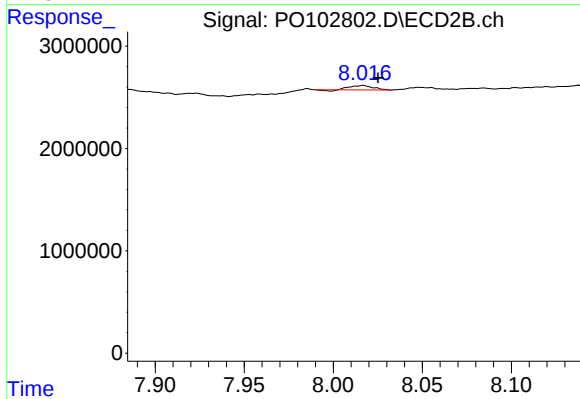
#43 AR-1268-3

R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 126664
Conc: 0.57 ng/ml



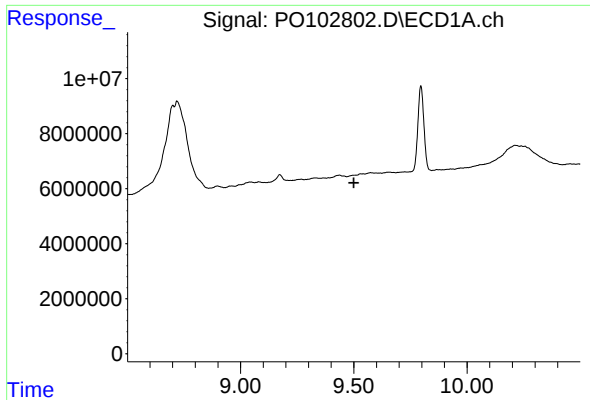
#44 AR-1268-4

R.T.: 9.080 min
Delta R.T.: -0.040 min
Response: 1253436
Conc: 13.22 ng/ml



#44 AR-1268-4

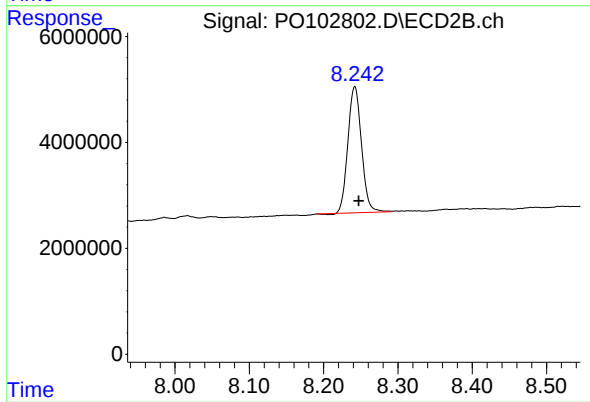
R.T.: 8.017 min
Delta R.T.: -0.008 min
Response: 357047
Conc: 0.62 ng/ml



#45 AR-1268-5

R.T.: 9.542 min
Delta R.T.: 0.041 min
Response: -340276
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.242 min
Delta R.T.: -0.005 min
Response: 30322692
Conc: 106.55 ng/ml