

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080422\
 Data File : PP050182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2022 15:23
 Operator : YP\AJ
 Sample : N4023-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 02:40:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 06:08:44 2022
 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...	4.352	3.601	29800896	59607960	20.536	24.386
2)	SA Decachlor...	10.105	8.565	27033397	23340188	19.113	20.041
Target Compounds							
3)	L1 AR-1016-1	5.529	4.671	1554569	2240735	27.516	25.137
4)	L1 AR-1016-2	5.552	4.689	2201457	2769111	27.379	22.012
5)	L1 AR-1016-3	0.000	4.865	0	2510451	N.D.	38.203 #
6)	L1 AR-1016-4	0.000	4.905	0	12363079	N.D.	232.569 #
7)	L1 AR-1016-5	6.007	5.117	12178856	19283576	297.555	280.461
8)	L2 AR-1221-1	4.573	3.809	4691456	1863918	274.031	61.751 #
9)	L2 AR-1221-2	0.000	3.880f	0	7003815	N.D.	306.622 #
10)	L2 AR-1221-3	0.000	3.966	0	256857	N.D.	3.775 #
11)	L3 AR-1232-1	0.000	3.966	0	256857	N.D.	5.007 #
12)	L3 AR-1232-2	0.000	4.689	0	2769111	N.D.	57.740 #
13)	L3 AR-1232-3	5.552	4.865	2201457	2510451	72.831	100.568 #
14)	L3 AR-1232-4	0.000	4.947	0	13245124	N.D.	579.068 #
15)	L3 AR-1232-5	5.801	5.117	7622287	19283576	611.084	749.564
16)	L4 AR-1242-1	5.529	4.671	1554569	2240735	34.771	31.947
17)	L4 AR-1242-2	5.552	4.689	2201457	2769111	34.916	28.063
18)	L4 AR-1242-3	0.000	4.865	0	2510451	N.D.	48.106 #
19)	L4 AR-1242-4	0.000	4.947	0	13245124	N.D.	252.713 #
20)	L4 AR-1242-5	6.453	5.466	33545743	55270591	975.413	869.514
21)	L5 AR-1248-1	5.529	4.671	1554569	2240735	44.132	39.849
22)	L5 AR-1248-2	5.801	4.905	7622287	12363079	153.804	166.107
23)	L5 AR-1248-3	6.007	4.947	12178856	13245124	219.902	173.462
24)	L5 AR-1248-4	6.414	5.117	31776683	19283576	512.629	212.373 #
25)	L5 AR-1248-5	6.453	5.508	33545743	44856933	569.837	538.204
26)	L6 AR-1254-1	6.385	5.466	17216034	55270591	273.352	435.782 #
27)	L6 AR-1254-2	6.610	5.613	40995682	24601244	420.804	222.573 #
28)	L6 AR-1254-3	6.975	6.016	32310142	55797257	312.709	342.789
29)	L6 AR-1254-4	7.262	6.242	26246063	32371523	327.854	334.565
30)	L6 AR-1254-5	7.681	6.657	33667858	68293939	378.792	515.365 #
31)	L7 AR-1260-1	7.135	6.143	-5510104	41721050	N.D.	398.099 #
32)	L7 AR-1260-2	7.393	6.331	34977388	34119042	369.487	283.556
33)	L7 AR-1260-3	7.752	6.483	20447292	29473876	326.528	260.476
34)	L7 AR-1260-4	7.979	6.954	26840014	23429860	346.883	306.305
35)	L7 AR-1260-5	8.301	7.195	53599010	58065109	348.611	339.564
36)	L8 AR-1262-1	7.752	6.695	20447292	29001508	212.423	244.670
37)	L8 AR-1262-2	8.301	6.954	53599010	23429860	300.989	231.843
38)	L8 AR-1262-3	8.631f	7.478	34530750	10229868	439.725	158.040 #
39)	L8 AR-1262-4	8.683f	7.541	21817182	37584070	482.794	293.786 #
40)	L8 AR-1262-5	9.361	8.034	16087171	12540243	230.899	228.365
41)	L9 AR-1268-1	8.631f	7.478	34530750	10229868	169.124	55.696 #

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 Sample : N4023-04
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 ALS Vial : 15 Sample Multiplier: 1

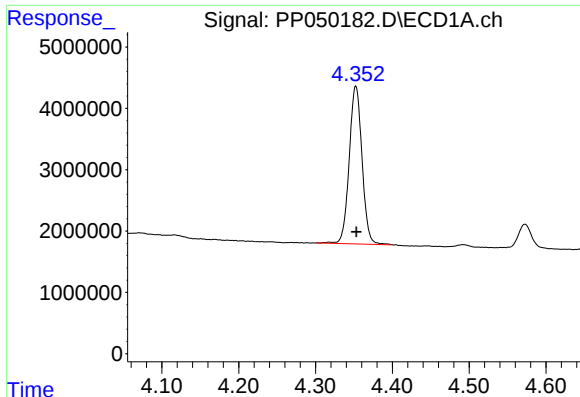
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 02:40:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071422.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
42) L9	AR-1268-2	8.683f	7.541	21817182	37584070	117.619	217.238 #
43) L9	AR-1268-3	8.925	7.744	2835826	3967695	17.989	28.201 #
44) L9	AR-1268-4	9.361	8.034	16087171	12540243	214.918	207.383
45) L9	AR-1268-5	9.780	8.318	24243104	8279159	47.081	20.234 #

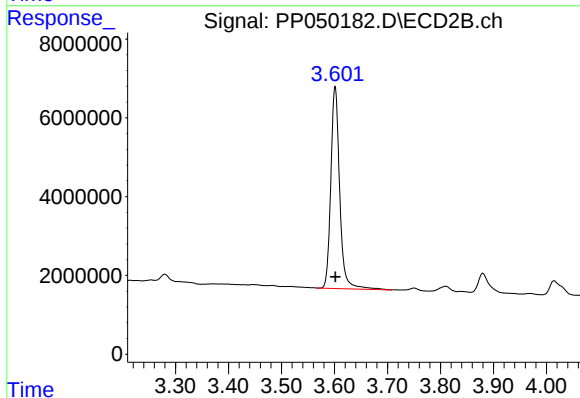
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

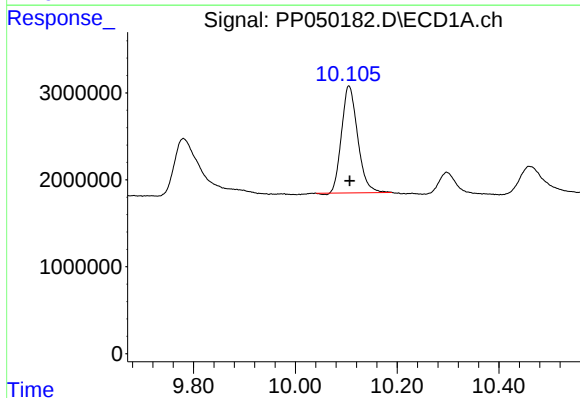
R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 29800896
Conc: 20.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



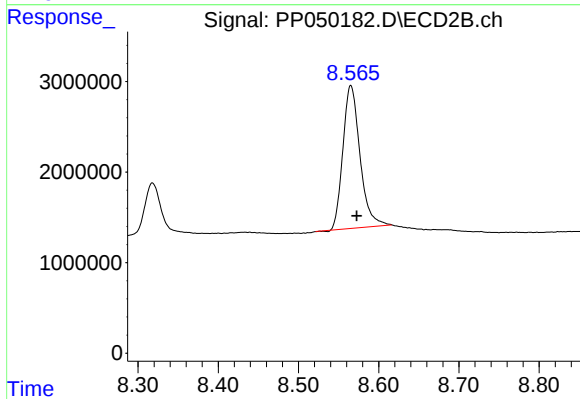
#1 Tetrachloro-m-xylene

R.T.: 3.601 min
Delta R.T.: 0.000 min
Response: 59607960
Conc: 24.39 ng/ml



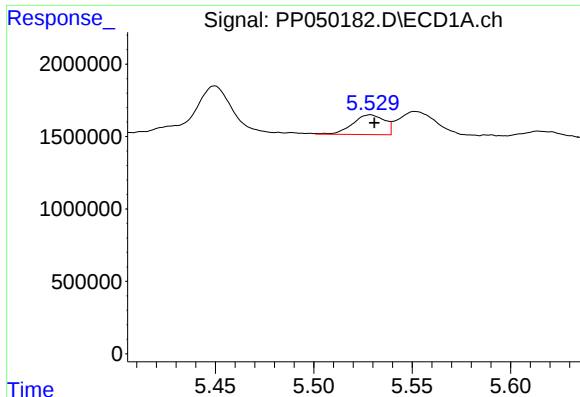
#2 Decachlorobiphenyl

R.T.: 10.105 min
Delta R.T.: -0.002 min
Response: 27033397
Conc: 19.11 ng/ml



#2 Decachlorobiphenyl

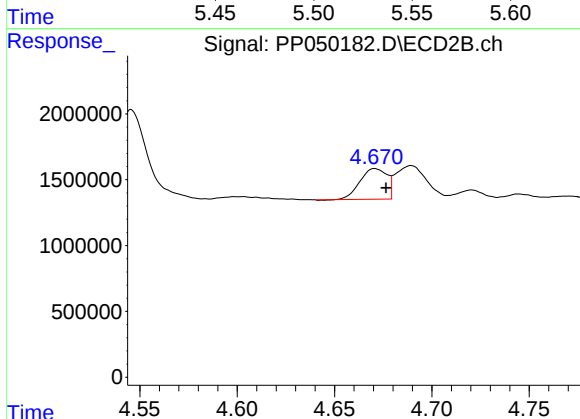
R.T.: 8.565 min
Delta R.T.: -0.007 min
Response: 23340188
Conc: 20.04 ng/ml



#3 AR-1016-1

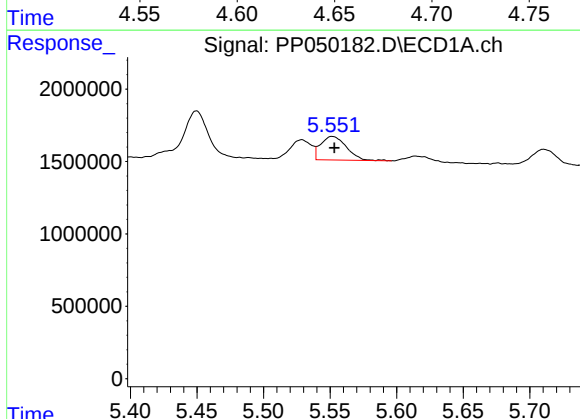
R.T.: 5.529 min
Delta R.T.: -0.002 min
Response: 1554569
Conc: 27.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



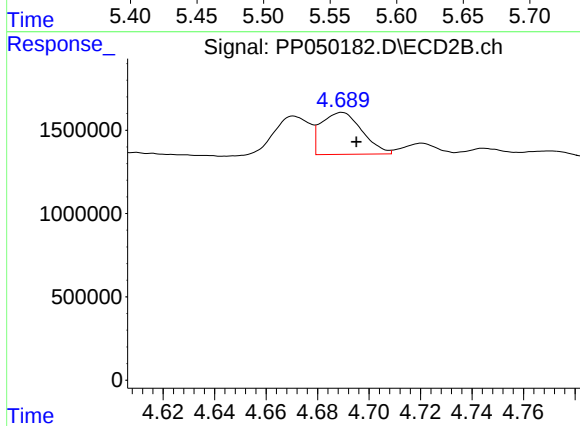
#3 AR-1016-1

R.T.: 4.671 min
Delta R.T.: -0.006 min
Response: 2240735
Conc: 25.14 ng/ml



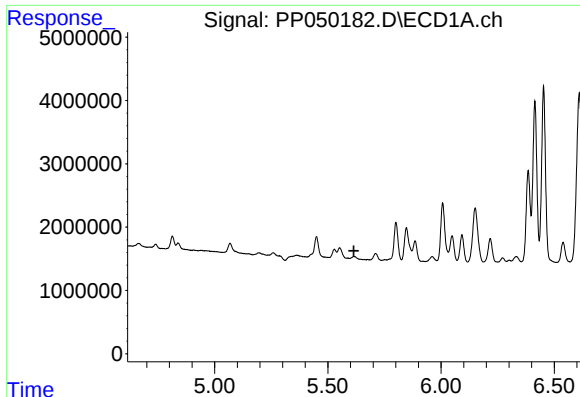
#4 AR-1016-2

R.T.: 5.552 min
Delta R.T.: -0.001 min
Response: 2201457
Conc: 27.38 ng/ml



#4 AR-1016-2

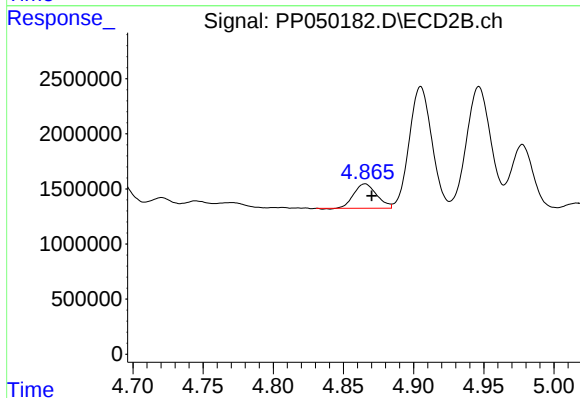
R.T.: 4.689 min
Delta R.T.: -0.006 min
Response: 2769111
Conc: 22.01 ng/ml



#5 AR-1016-3

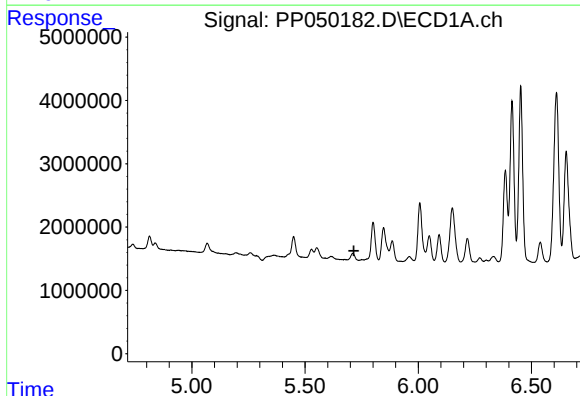
R.T.: 0.000 min
Exp R.T.: 5.615 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



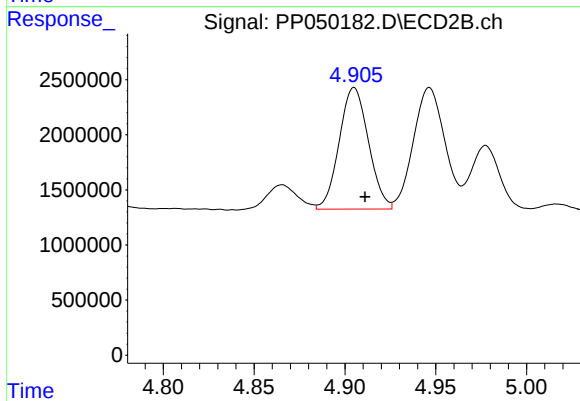
#5 AR-1016-3

R.T.: 4.865 min
Delta R.T.: -0.005 min
Response: 2510451
Conc: 38.20 ng/ml



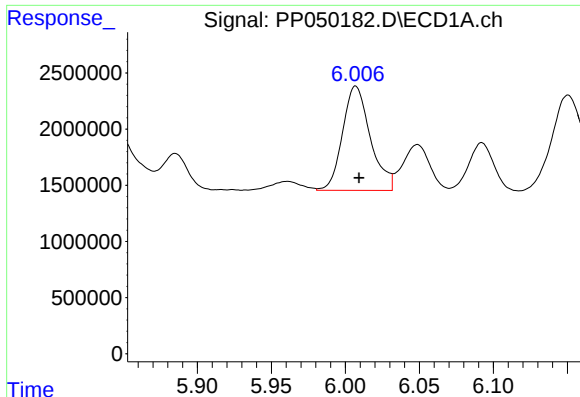
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.715 min
Response: 0
Conc: N.D.



#6 AR-1016-4

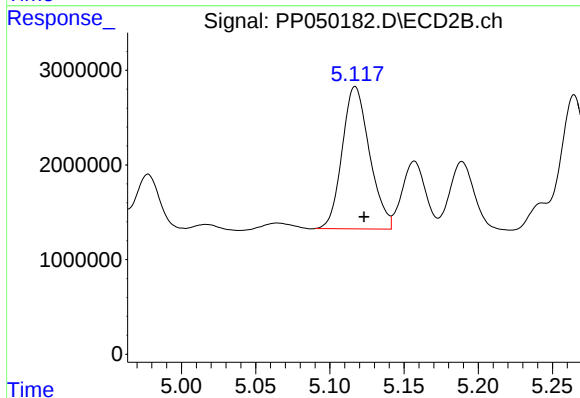
R.T.: 4.905 min
Delta R.T.: -0.006 min
Response: 12363079
Conc: 232.57 ng/ml



#7 AR-1016-5

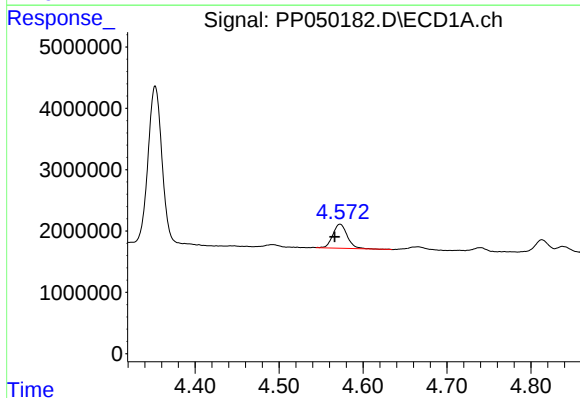
R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 12178856
Conc: 297.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



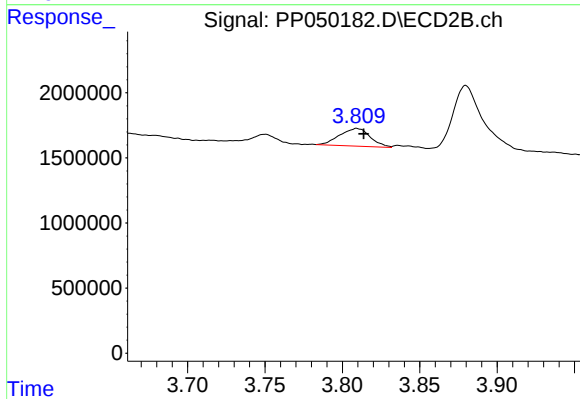
#7 AR-1016-5

R.T.: 5.117 min
Delta R.T.: -0.006 min
Response: 19283576
Conc: 280.46 ng/ml



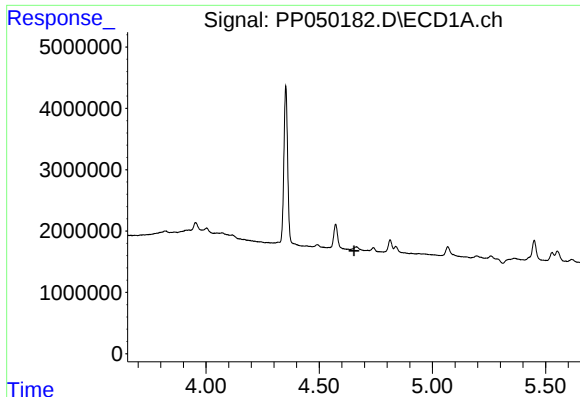
#8 AR-1221-1

R.T.: 4.573 min
Delta R.T.: 0.006 min
Response: 4691456
Conc: 274.03 ng/ml



#8 AR-1221-1

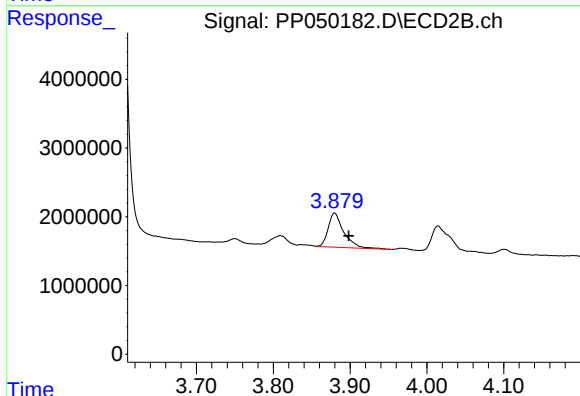
R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 1863918
Conc: 61.75 ng/ml



#9 AR-1221-2

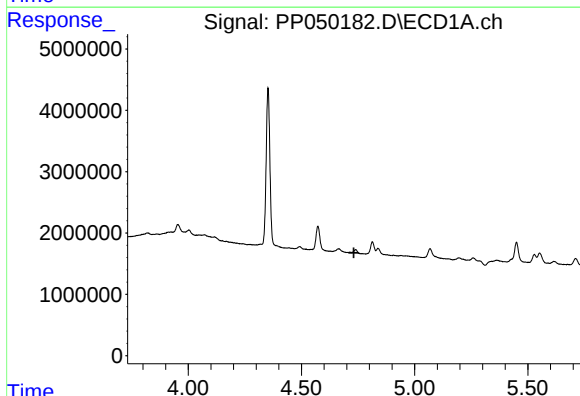
R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



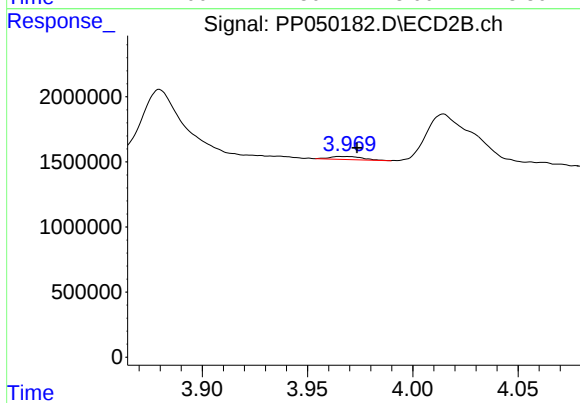
#9 AR-1221-2

R.T.: 3.880 min
Delta R.T.: -0.018 min
Response: 7003815
Conc: 306.62 ng/ml



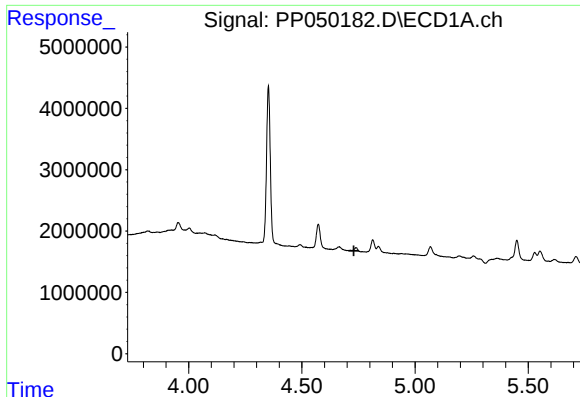
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.731 min
Response: 0
Conc: N.D.



#10 AR-1221-3

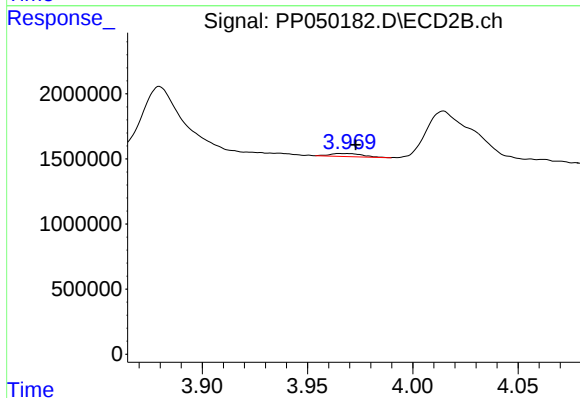
R.T.: 3.966 min
Delta R.T.: -0.007 min
Response: 256857
Conc: 3.77 ng/ml



#11 AR-1232-1

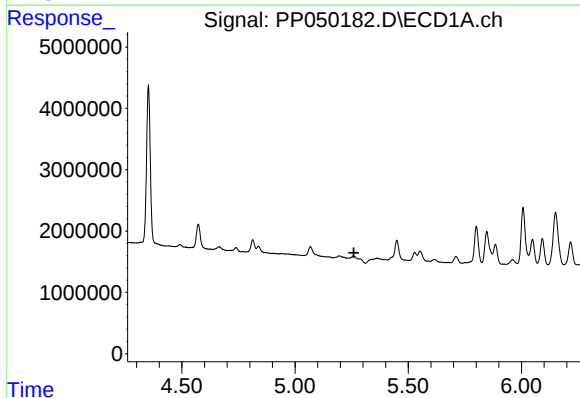
R.T.: 0.000 min
Exp R.T.: 4.730 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



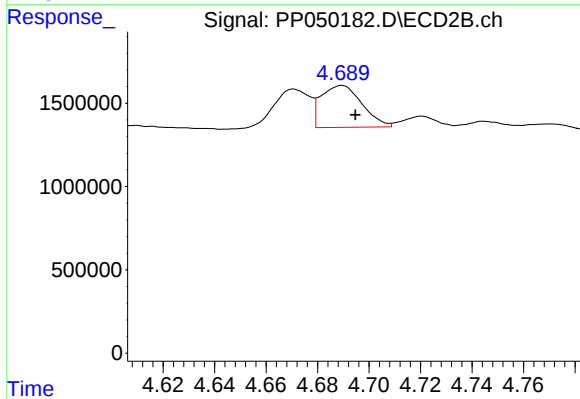
#11 AR-1232-1

R.T.: 3.966 min
Delta R.T.: -0.007 min
Response: 256857
Conc: 5.01 ng/ml



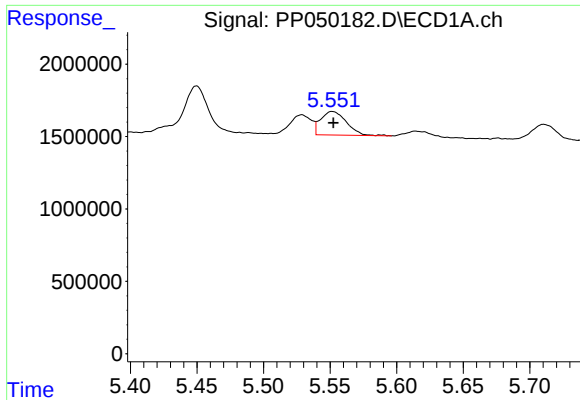
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.260 min
Response: 0
Conc: N.D.



#12 AR-1232-2

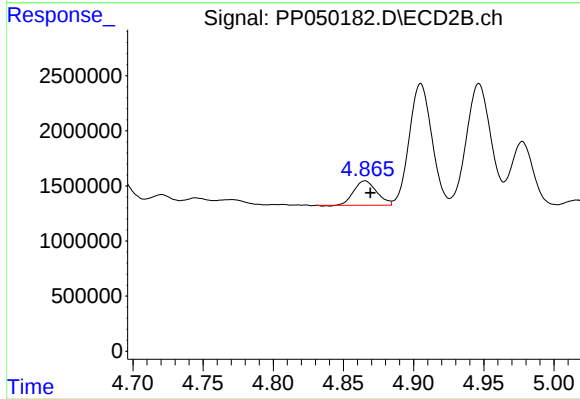
R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 2769111
Conc: 57.74 ng/ml



#13 AR-1232-3

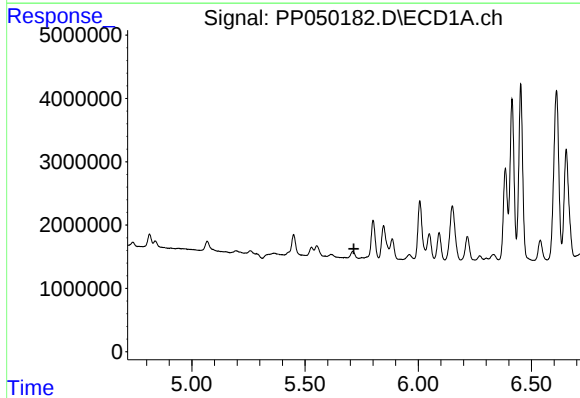
R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 2201457
Conc: 72.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



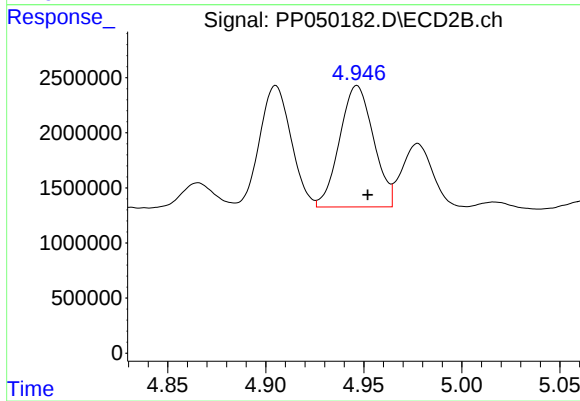
#13 AR-1232-3

R.T.: 4.865 min
Delta R.T.: -0.004 min
Response: 2510451
Conc: 100.57 ng/ml



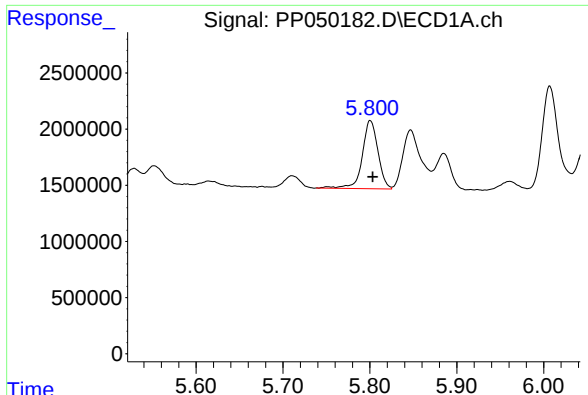
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.716 min
Response: 0
Conc: N.D.



#14 AR-1232-4

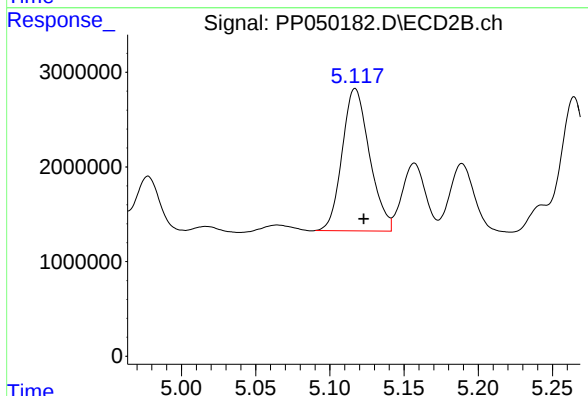
R.T.: 4.947 min
Delta R.T.: -0.005 min
Response: 13245124
Conc: 579.07 ng/ml



#15 AR-1232-5

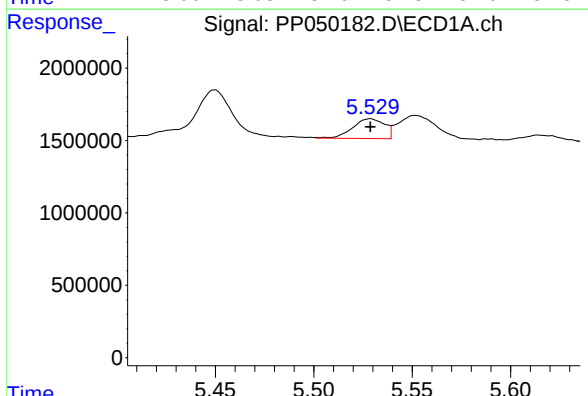
R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 7622287
Conc: 611.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



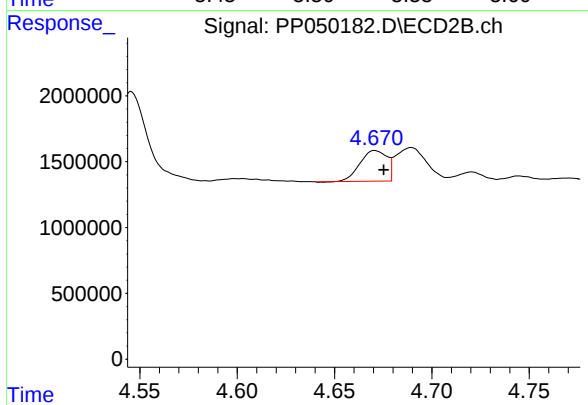
#15 AR-1232-5

R.T.: 5.117 min
Delta R.T.: -0.006 min
Response: 19283576
Conc: 749.56 ng/ml



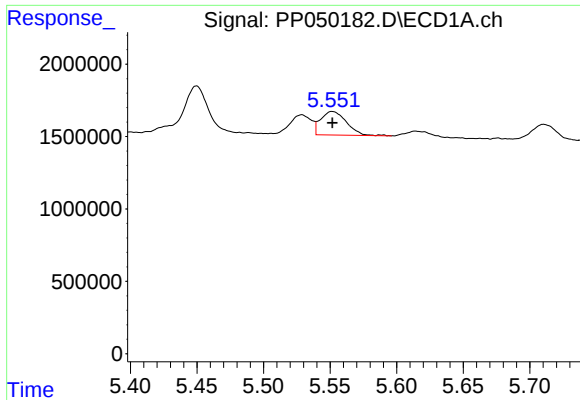
#16 AR-1242-1

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 1554569
Conc: 34.77 ng/ml



#16 AR-1242-1

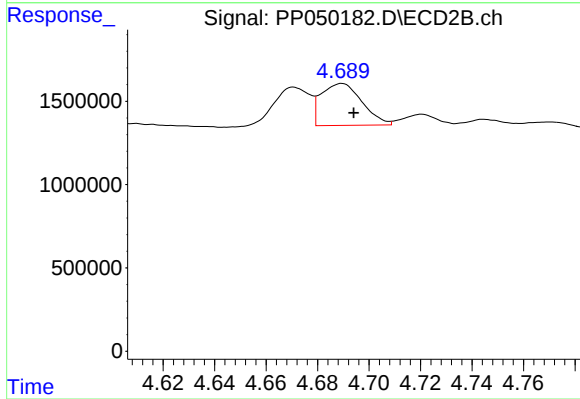
R.T.: 4.671 min
Delta R.T.: -0.005 min
Response: 2240735
Conc: 31.95 ng/ml



#17 AR-1242-2

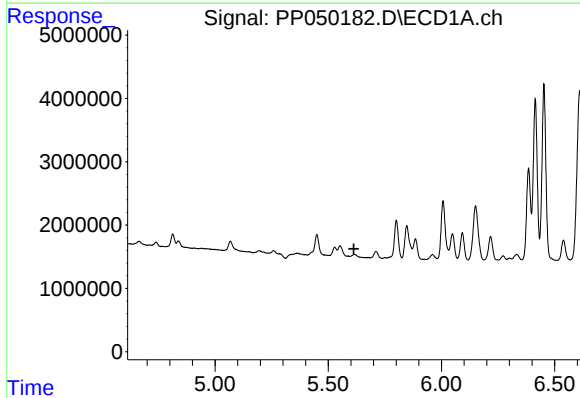
R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 2201457
Conc: 34.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



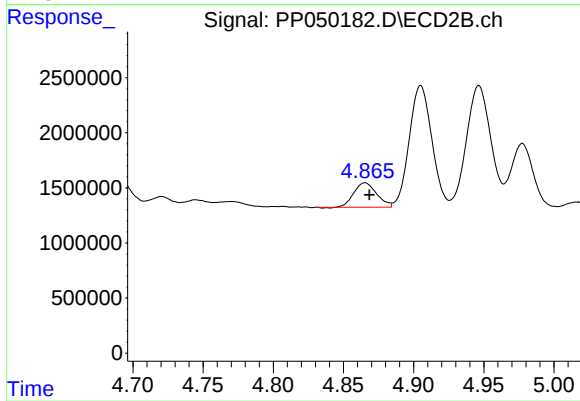
#17 AR-1242-2

R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 2769111
Conc: 28.06 ng/ml



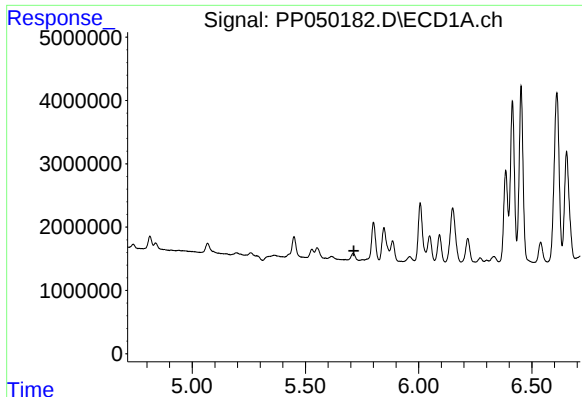
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.614 min
Response: 0
Conc: N.D.



#18 AR-1242-3

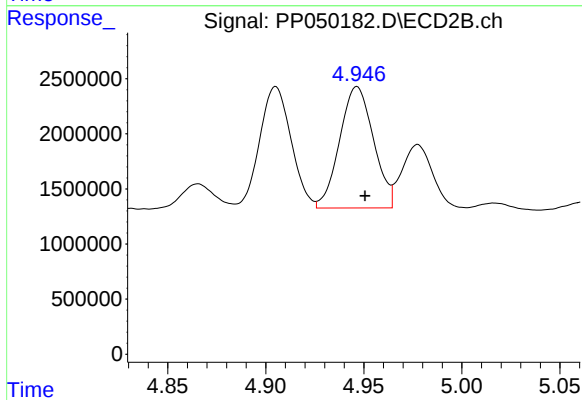
R.T.: 4.865 min
Delta R.T.: -0.003 min
Response: 2510451
Conc: 48.11 ng/ml



#19 AR-1242-4

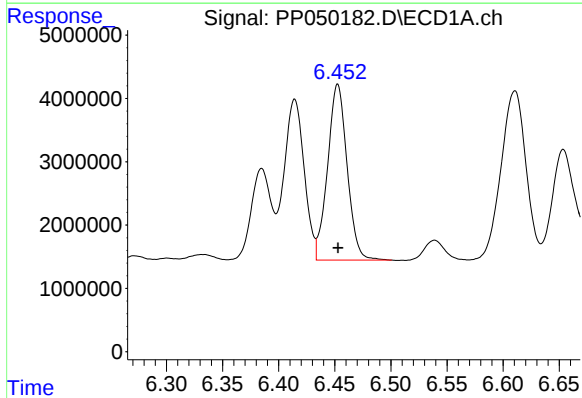
R.T.: 0.000 min
Exp R.T.: 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



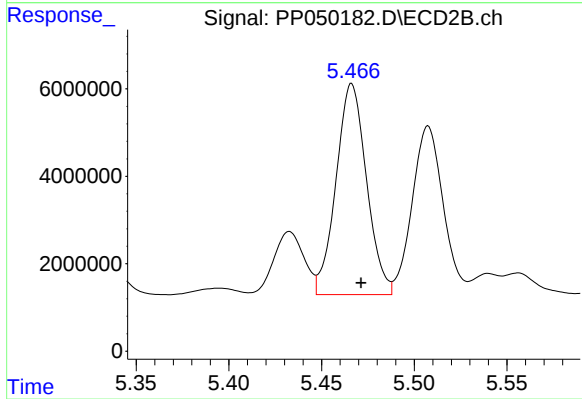
#19 AR-1242-4

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 13245124
Conc: 252.71 ng/ml



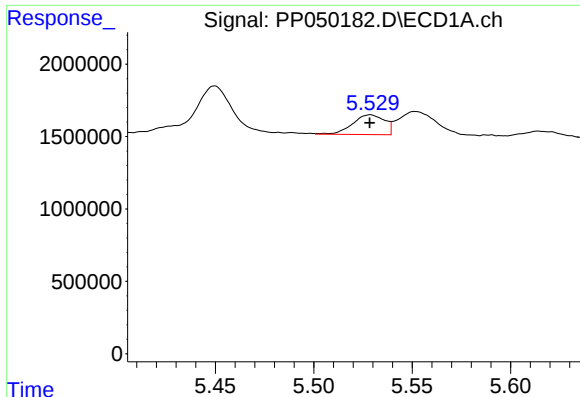
#20 AR-1242-5

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 33545743
Conc: 975.41 ng/ml



#20 AR-1242-5

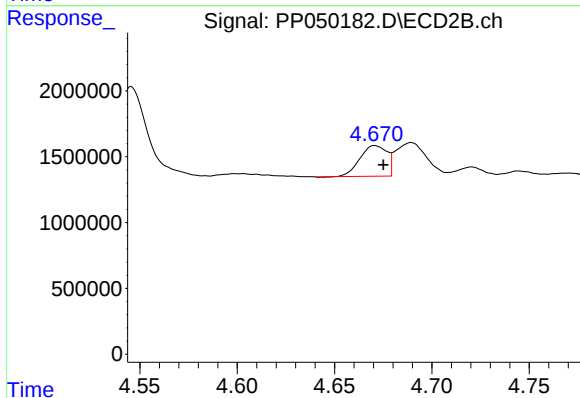
R.T.: 5.466 min
Delta R.T.: -0.005 min
Response: 55270591
Conc: 869.51 ng/ml



#21 AR-1248-1

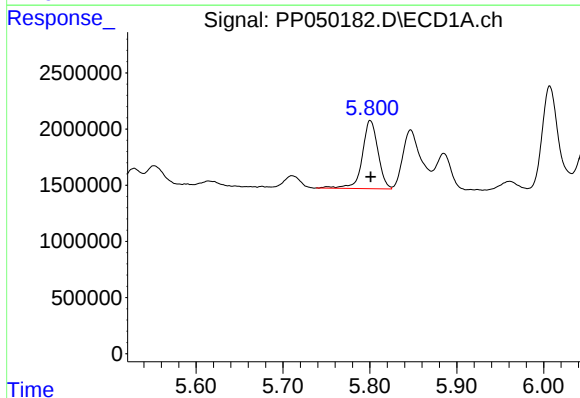
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 1554569
Conc: 44.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



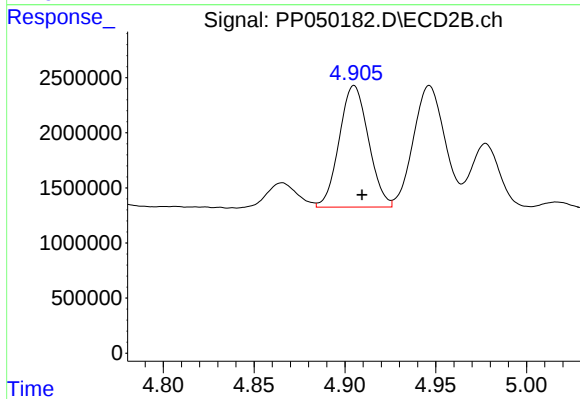
#21 AR-1248-1

R.T.: 4.671 min
Delta R.T.: -0.004 min
Response: 2240735
Conc: 39.85 ng/ml



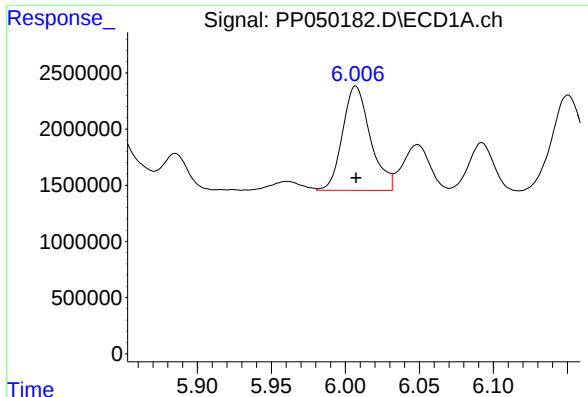
#22 AR-1248-2

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 7622287
Conc: 153.80 ng/ml



#22 AR-1248-2

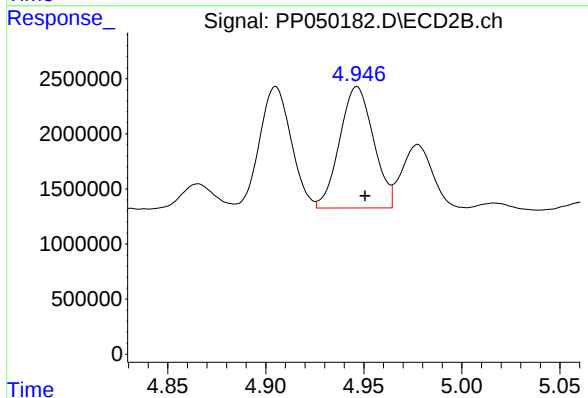
R.T.: 4.905 min
Delta R.T.: -0.004 min
Response: 12363079
Conc: 166.11 ng/ml



#23 AR-1248-3

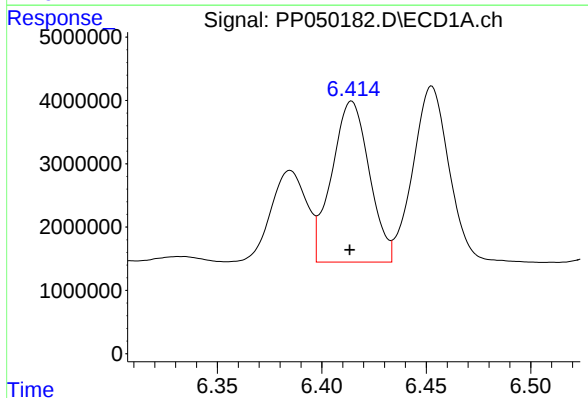
R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 12178856
Conc: 219.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



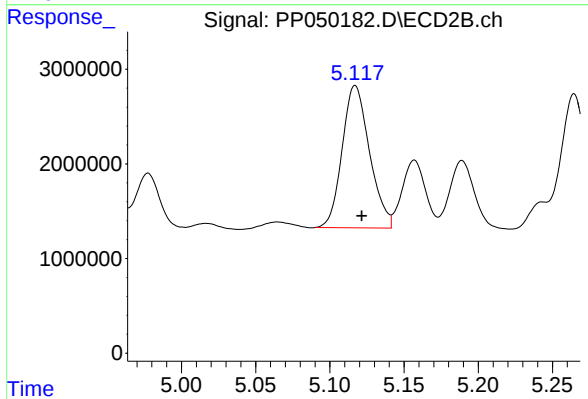
#23 AR-1248-3

R.T.: 4.947 min
Delta R.T.: -0.004 min
Response: 13245124
Conc: 173.46 ng/ml



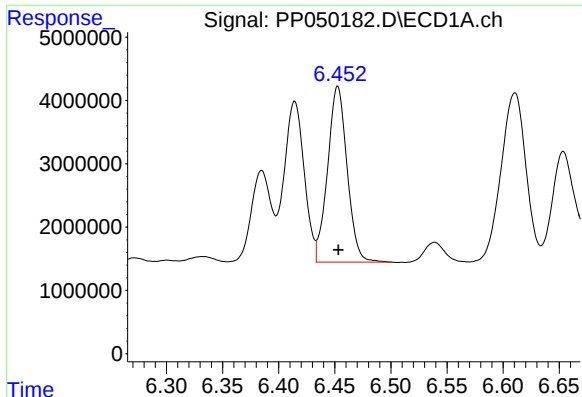
#24 AR-1248-4

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 31776683
Conc: 512.63 ng/ml



#24 AR-1248-4

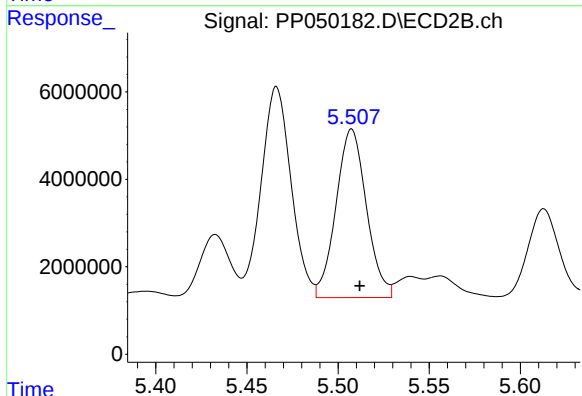
R.T.: 5.117 min
Delta R.T.: -0.005 min
Response: 19283576
Conc: 212.37 ng/ml



#25 AR-1248-5

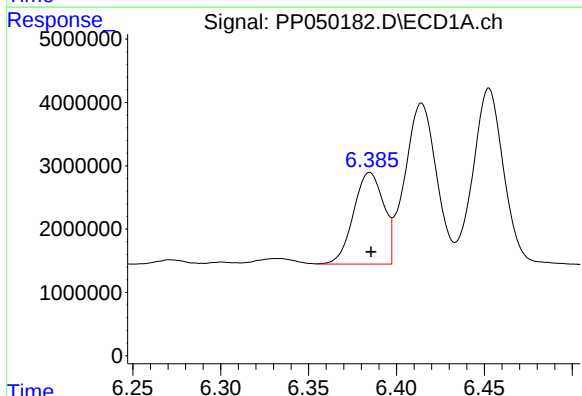
R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 33545743
Conc: 569.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



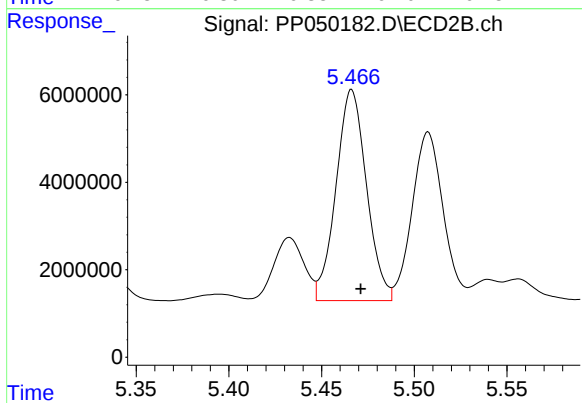
#25 AR-1248-5

R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 44856933
Conc: 538.20 ng/ml



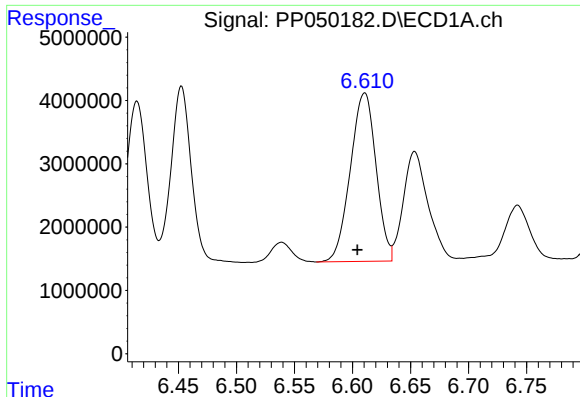
#26 AR-1254-1

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 17216034
Conc: 273.35 ng/ml



#26 AR-1254-1

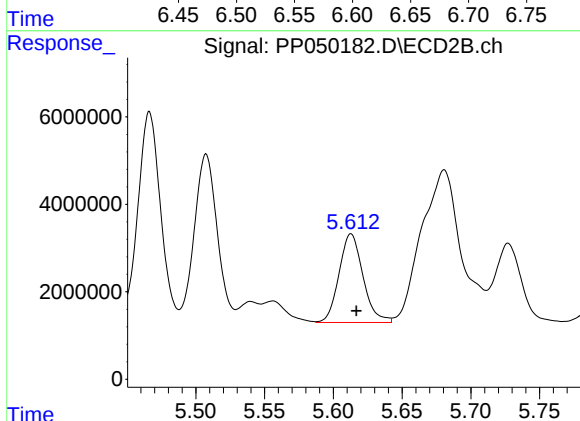
R.T.: 5.466 min
Delta R.T.: -0.005 min
Response: 55270591
Conc: 435.78 ng/ml



#27 AR-1254-2

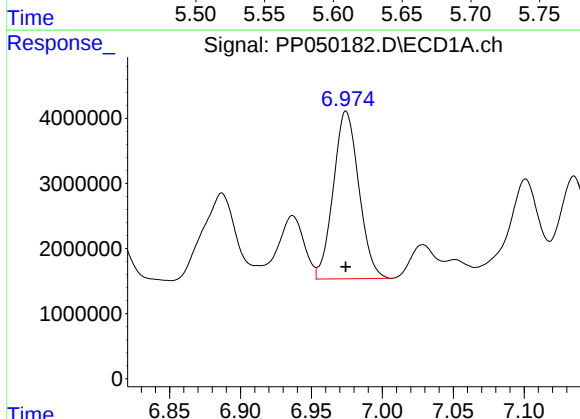
R.T.: 6.610 min
Delta R.T.: 0.006 min
Response: 40995682
Conc: 420.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



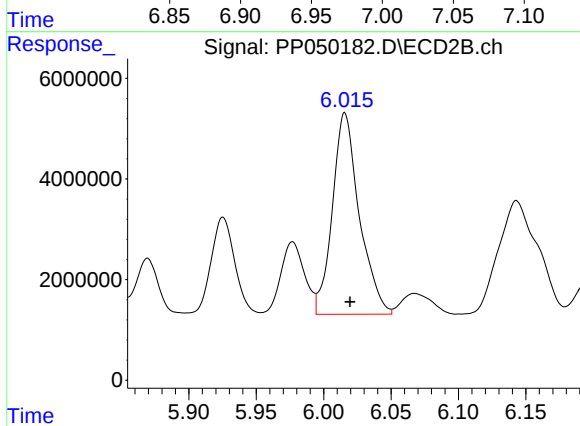
#27 AR-1254-2

R.T.: 5.613 min
Delta R.T.: -0.004 min
Response: 24601244
Conc: 222.57 ng/ml



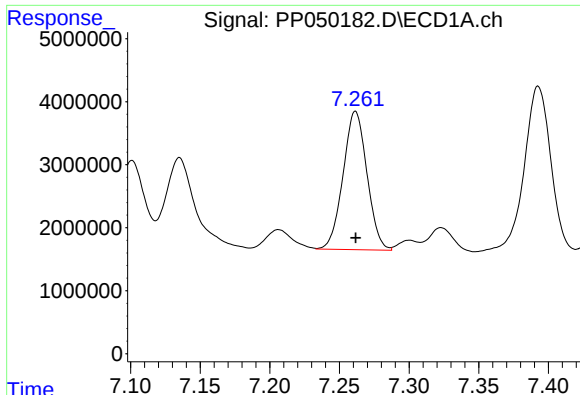
#28 AR-1254-3

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 32310142
Conc: 312.71 ng/ml



#28 AR-1254-3

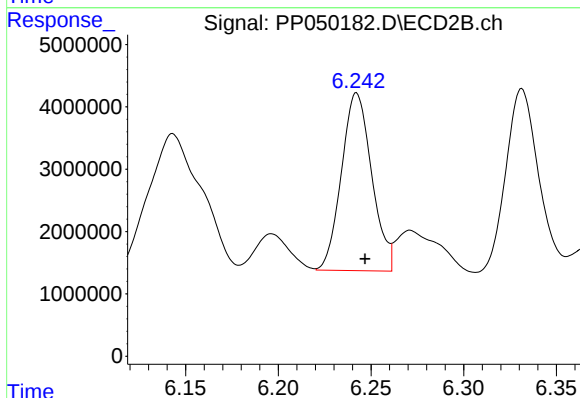
R.T.: 6.016 min
Delta R.T.: -0.004 min
Response: 55797257
Conc: 342.79 ng/ml



#29 AR-1254-4

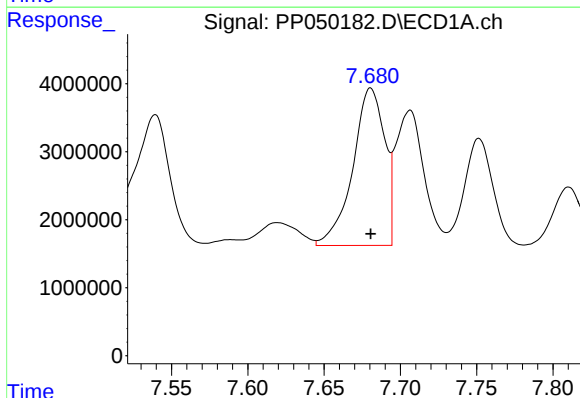
R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 26246063
Conc: 327.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



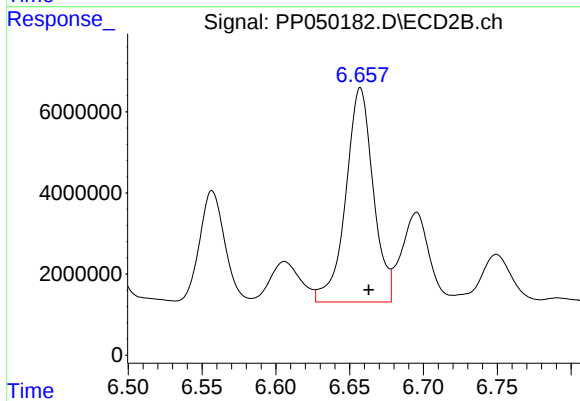
#29 AR-1254-4

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 32371523
Conc: 334.56 ng/ml



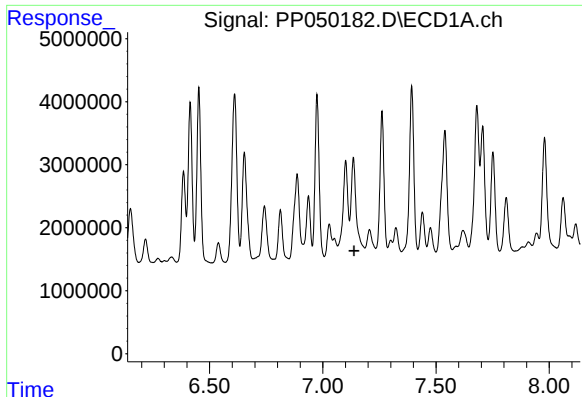
#30 AR-1254-5

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 33667858
Conc: 378.79 ng/ml



#30 AR-1254-5

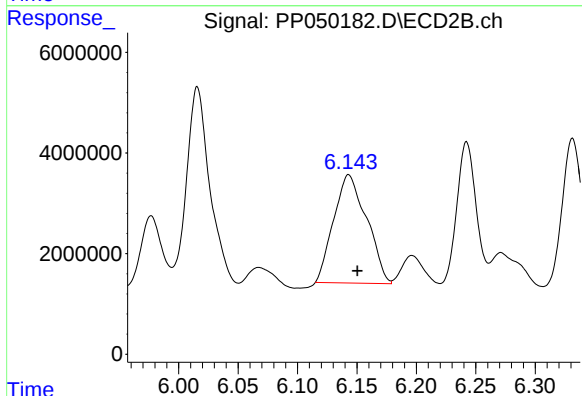
R.T.: 6.657 min
Delta R.T.: -0.006 min
Response: 68293939
Conc: 515.37 ng/ml



#31 AR-1260-1

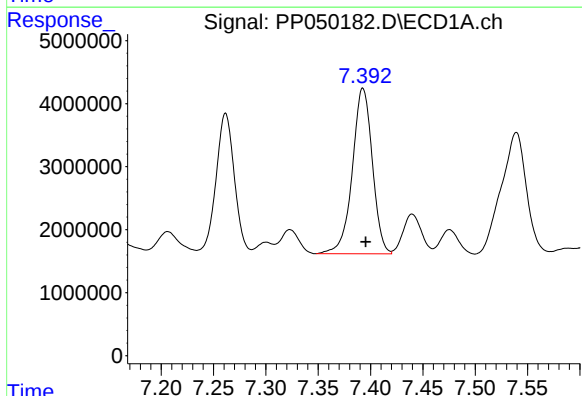
R.T.: 7.135 min
Delta R.T.: -0.003 min
Response: -5510104
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



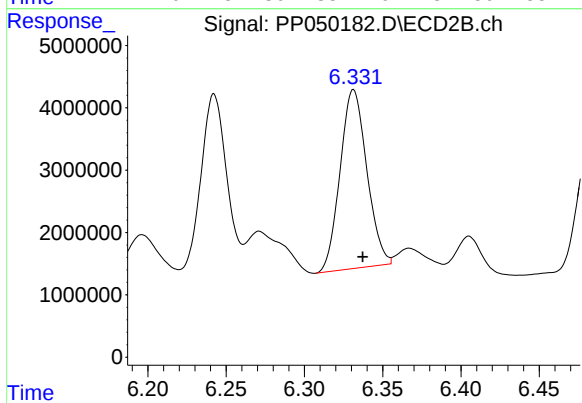
#31 AR-1260-1

R.T.: 6.143 min
Delta R.T.: -0.007 min
Response: 41721050
Conc: 398.10 ng/ml



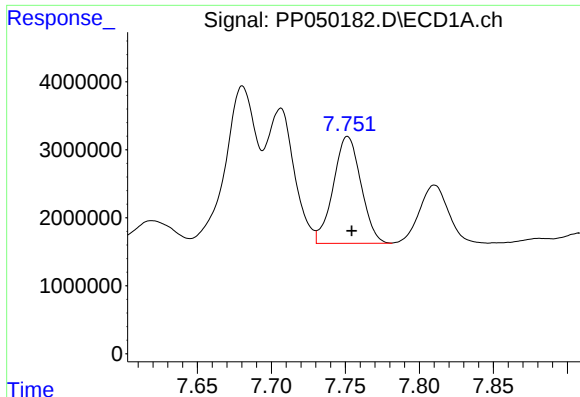
#32 AR-1260-2

R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 34977388
Conc: 369.49 ng/ml



#32 AR-1260-2

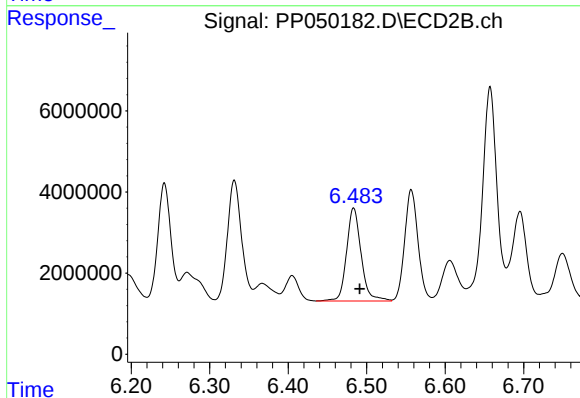
R.T.: 6.331 min
Delta R.T.: -0.006 min
Response: 34119042
Conc: 283.56 ng/ml



#33 AR-1260-3

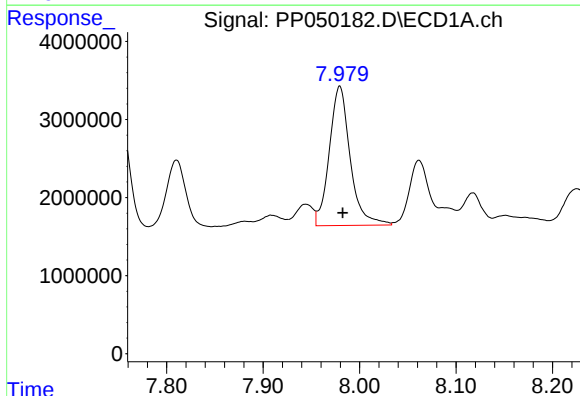
R.T.: 7.752 min
Delta R.T.: -0.003 min
Response: 20447292
Conc: 326.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



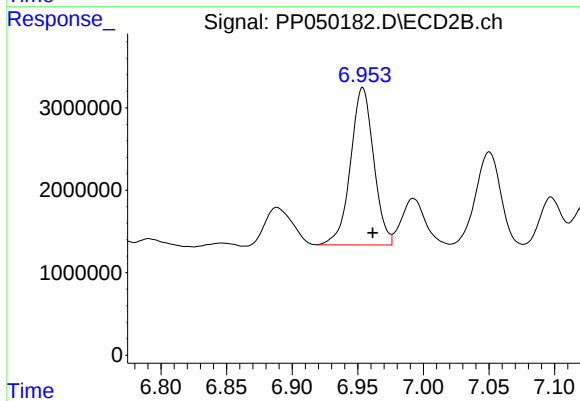
#33 AR-1260-3

R.T.: 6.483 min
Delta R.T.: -0.008 min
Response: 29473876
Conc: 260.48 ng/ml



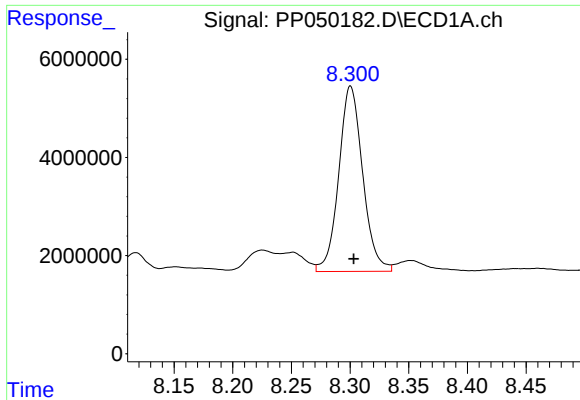
#34 AR-1260-4

R.T.: 7.979 min
Delta R.T.: -0.003 min
Response: 26840014
Conc: 346.88 ng/ml



#34 AR-1260-4

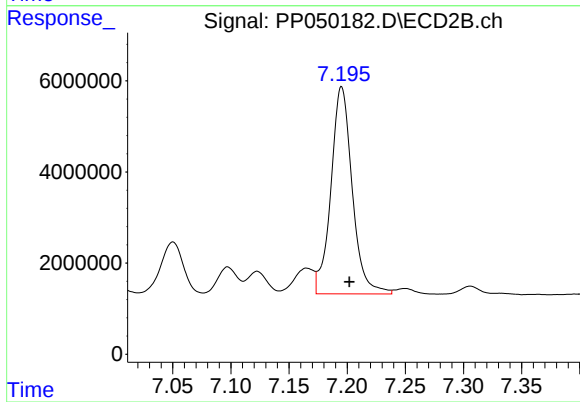
R.T.: 6.954 min
Delta R.T.: -0.008 min
Response: 23429860
Conc: 306.30 ng/ml



#35 AR-1260-5

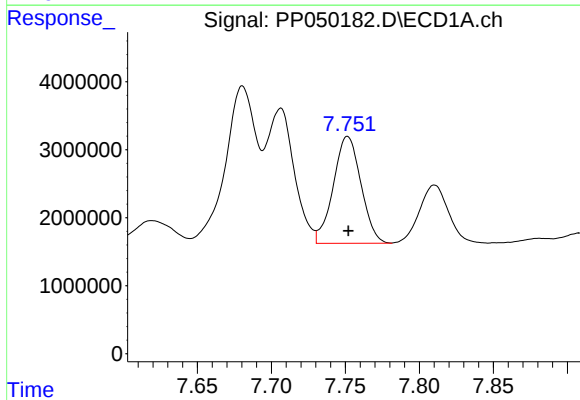
R.T.: 8.301 min
Delta R.T.: -0.003 min
Response: 53599010
Conc: 348.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



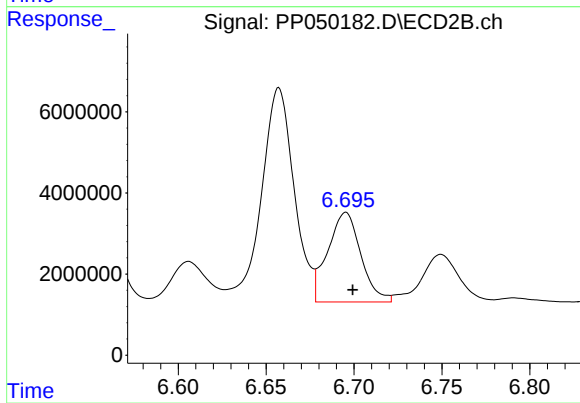
#35 AR-1260-5

R.T.: 7.195 min
Delta R.T.: -0.007 min
Response: 58065109
Conc: 339.56 ng/ml



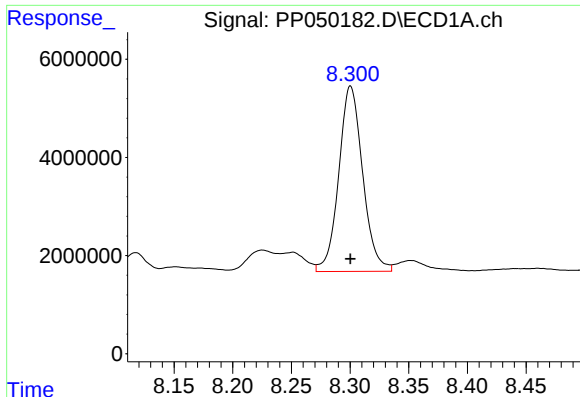
#36 AR-1262-1

R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 20447292
Conc: 212.42 ng/ml



#36 AR-1262-1

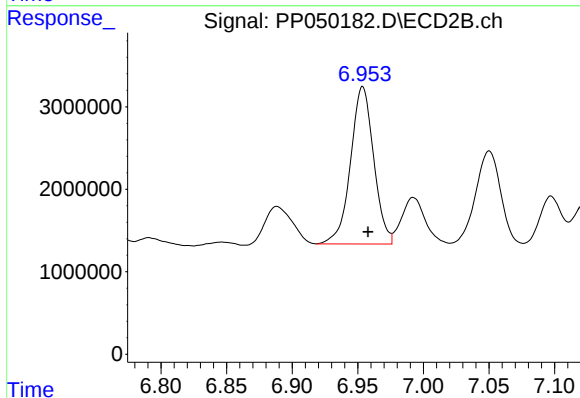
R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 29001508
Conc: 244.67 ng/ml



#37 AR-1262-2

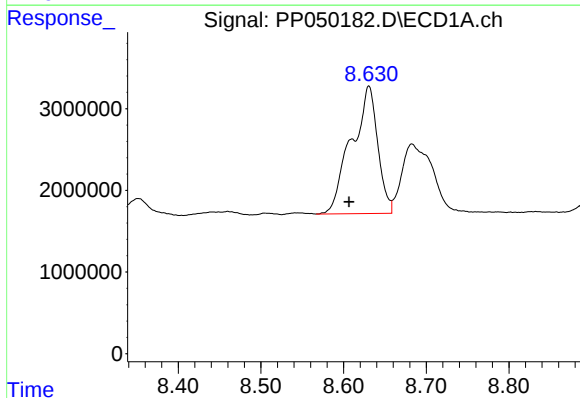
R.T.: 8.301 min
Delta R.T.: 0.000 min
Response: 53599010
Conc: 300.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



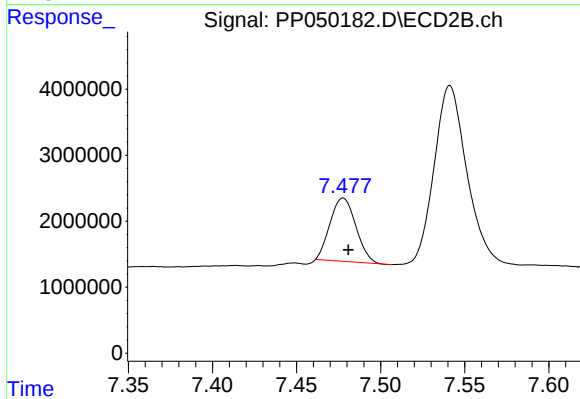
#37 AR-1262-2

R.T.: 6.954 min
Delta R.T.: -0.004 min
Response: 23429860
Conc: 231.84 ng/ml



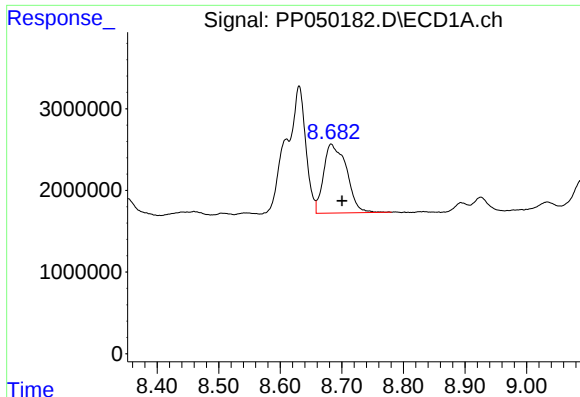
#38 AR-1262-3

R.T.: 8.631 min
Delta R.T.: 0.024 min
Response: 34530750
Conc: 439.72 ng/ml



#38 AR-1262-3

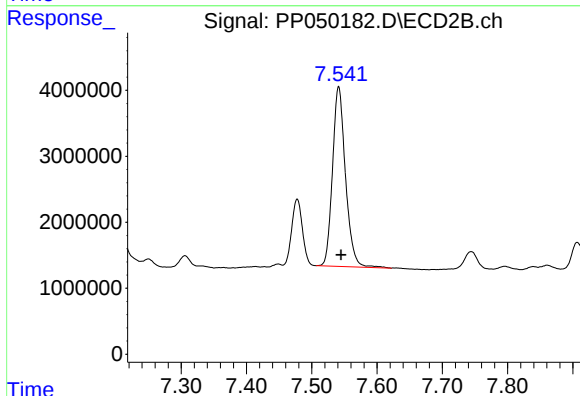
R.T.: 7.478 min
Delta R.T.: -0.003 min
Response: 10229868
Conc: 158.04 ng/ml



#39 AR-1262-4

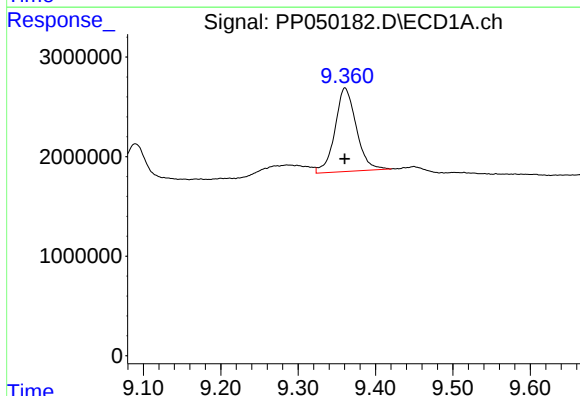
R.T.: 8.683 min
Delta R.T.: -0.017 min
Response: 21817182
Conc: 482.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



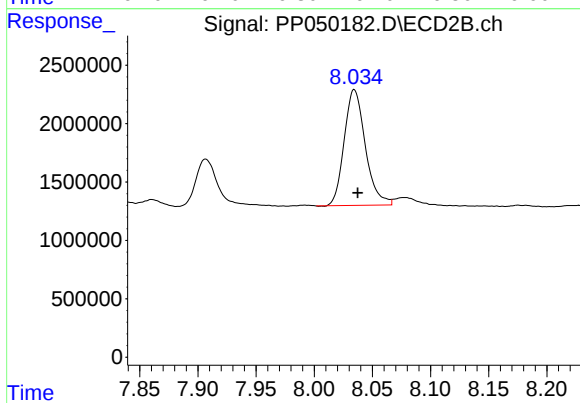
#39 AR-1262-4

R.T.: 7.541 min
Delta R.T.: -0.004 min
Response: 37584070
Conc: 293.79 ng/ml



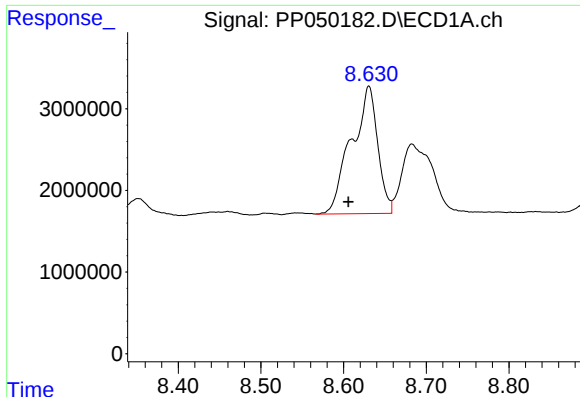
#40 AR-1262-5

R.T.: 9.361 min
Delta R.T.: 0.000 min
Response: 16087171
Conc: 230.90 ng/ml



#40 AR-1262-5

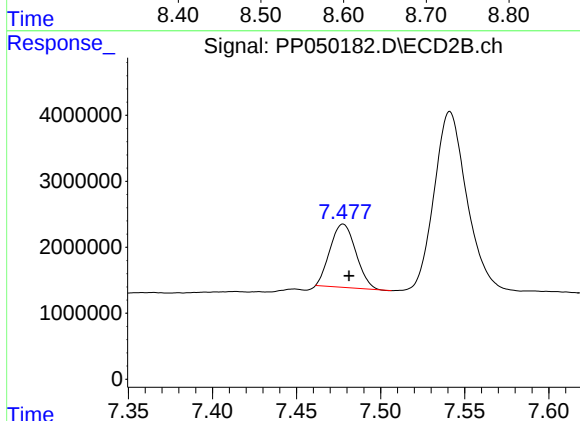
R.T.: 8.034 min
Delta R.T.: -0.003 min
Response: 12540243
Conc: 228.37 ng/ml



#41 AR-1268-1

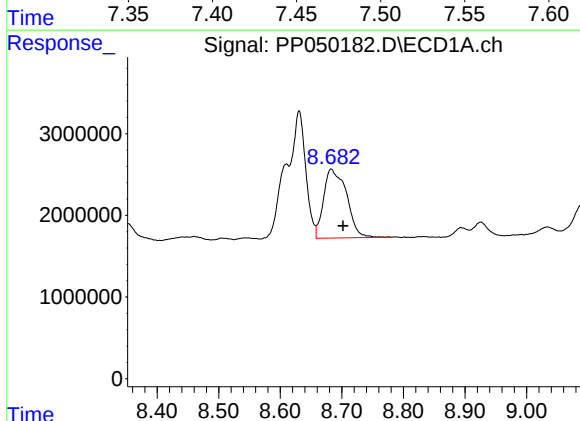
R.T.: 8.631 min
Delta R.T.: 0.025 min
Response: 34530750
Conc: 169.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



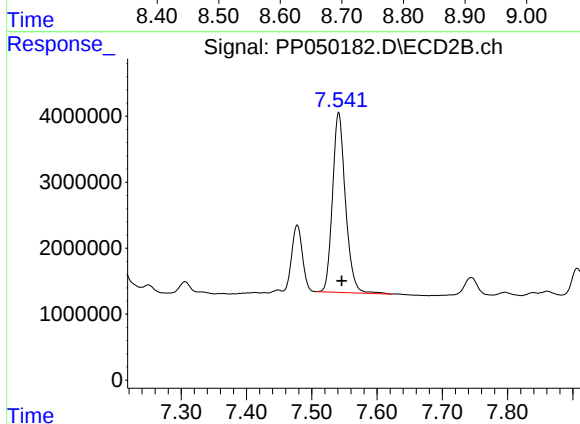
#41 AR-1268-1

R.T.: 7.478 min
Delta R.T.: -0.003 min
Response: 10229868
Conc: 55.70 ng/ml



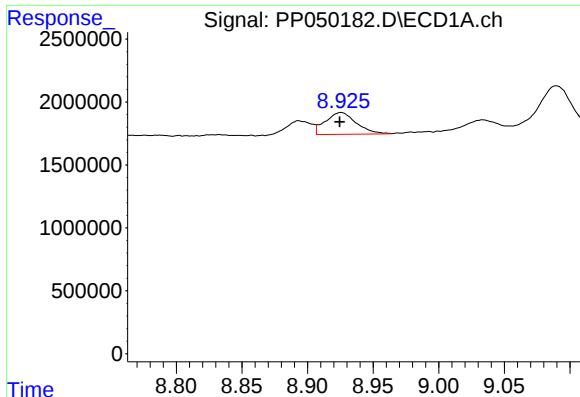
#42 AR-1268-2

R.T.: 8.683 min
Delta R.T.: -0.019 min
Response: 21817182
Conc: 117.62 ng/ml



#42 AR-1268-2

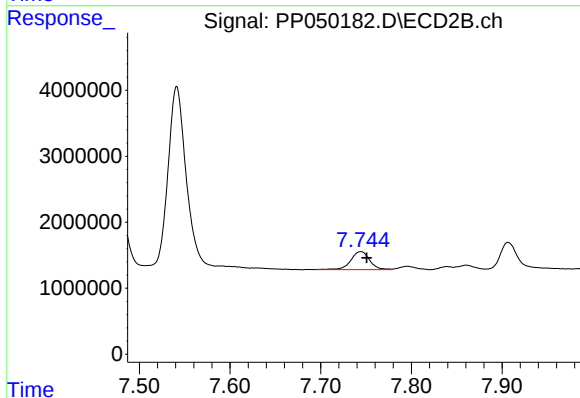
R.T.: 7.541 min
Delta R.T.: -0.005 min
Response: 37584070
Conc: 217.24 ng/ml



#43 AR-1268-3

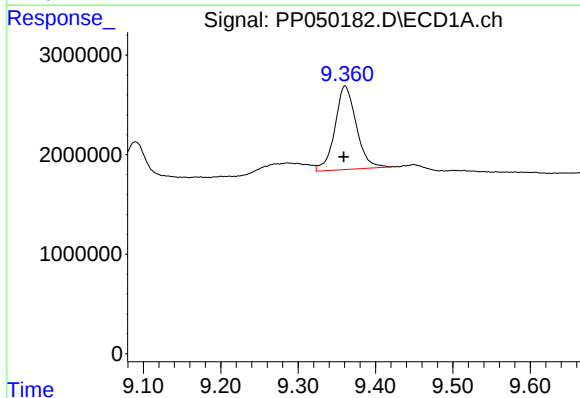
R.T.: 8.925 min
Delta R.T.: 0.000 min
Response: 2835826
Conc: 17.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



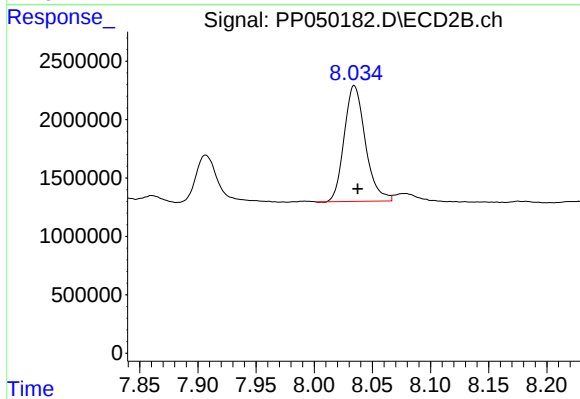
#43 AR-1268-3

R.T.: 7.744 min
Delta R.T.: -0.006 min
Response: 3967695
Conc: 28.20 ng/ml



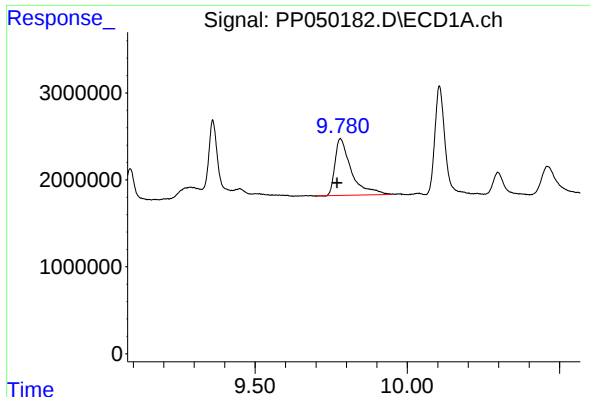
#44 AR-1268-4

R.T.: 9.361 min
Delta R.T.: 0.002 min
Response: 16087171
Conc: 214.92 ng/ml



#44 AR-1268-4

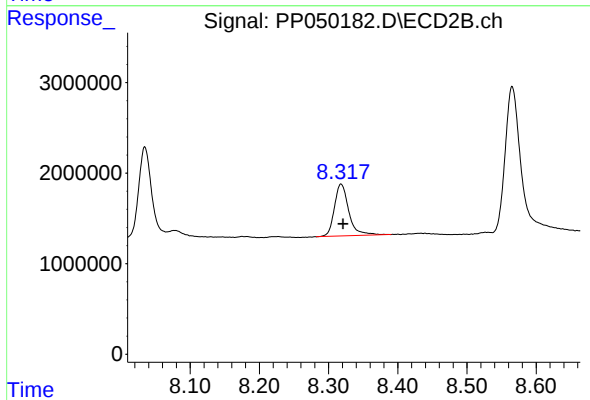
R.T.: 8.034 min
Delta R.T.: -0.003 min
Response: 12540243
Conc: 207.38 ng/ml



#45 AR-1268-5

R.T.: 9.780 min
Delta R.T.: 0.011 min
Response: 24243104
Conc: 47.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.318 min
Delta R.T.: -0.003 min
Response: 8279159
Conc: 20.23 ng/ml