

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
 Data File : PP060027.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 15:57
 Operator : YP\AJ
 Sample : 04474-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 02:04:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 2023
 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...	4.509	3.667	39798375	30602465	19.131	18.787
2)	SA Decachlor...	10.429	8.743	31164949	26985964	20.431	17.822
Target Compounds							
3)	L1 AR-1016-1	0.000	4.775	0	135588	N.D.	2.255 #
4)	L1 AR-1016-2	0.000	4.793	0	230653	N.D.	2.779 #
5)	L1 AR-1016-3	0.000	4.971	0	301473	N.D.	6.720 #
7)	L1 AR-1016-5	0.000	5.213f	0	276097	N.D.	5.938 #
8)	L2 AR-1221-1	4.718	3.895	521113	906037	19.603	41.249 #
9)	L2 AR-1221-2	4.820	3.966	549010	1160270	27.893	75.152 #
10)	L2 AR-1221-3	0.000	4.050	0	51953	N.D.	1.108 #
11)	L3 AR-1232-1	0.000	4.050	0	51953	N.D.	1.367 #
12)	L3 AR-1232-2	5.409f	4.793	2490902	230653	98.072	6.255 #
13)	L3 AR-1232-3	0.000	4.971	0	301473	N.D.	15.056 #
14)	L3 AR-1232-4	0.000	5.053	0	41101	N.D.	2.250 #
15)	L3 AR-1232-5	0.000	5.213f	0	276097	N.D.	13.771 #
16)	L4 AR-1242-1	0.000	4.775	0	135588	N.D.	2.575 #
17)	L4 AR-1242-2	0.000	4.793	0	230653	N.D.	3.201 #
18)	L4 AR-1242-3	0.000	4.971	0	301473	N.D.	7.704 #
19)	L4 AR-1242-4	0.000	5.053	0	41101	N.D.	1.049 #
20)	L4 AR-1242-5	6.603f	5.583	2409851	1855602	52.709	38.355 #
21)	L5 AR-1248-1	0.000	4.775	0	135588	N.D.	3.470 #
23)	L5 AR-1248-3	0.000	5.053	0	41101	N.D.	0.722 #
24)	L5 AR-1248-4	6.603	5.213f	2409851	276097	31.158	4.111 #
25)	L5 AR-1248-5	6.603f	5.651f	2409851	289823	32.029	4.394 #
26)	L6 AR-1254-1	6.571	5.583	1168496	1855602	14.636	18.490 #
27)	L6 AR-1254-2	6.792	5.730	1624500	763077	13.563	8.783 #
28)	L6 AR-1254-3	7.161	6.136	2616789	2081126	21.541	14.823 #
29)	L6 AR-1254-4	7.444	6.366	351814	256988	3.956	3.053
30)	L6 AR-1254-5	7.866	6.786	4305637	3510456	44.262	29.595 #
31)	L7 AR-1260-1	7.321	6.287	2117482	766967	23.491	8.237 #
32)	L7 AR-1260-2	7.572	6.456	6495259	1560719	63.314	14.235 #
33)	L7 AR-1260-3	7.944	6.611	1512304	1609190	19.202	15.645
34)	L7 AR-1260-4	8.175	7.087	1884368	1568167	21.026	18.829
35)	L7 AR-1260-5	8.509	7.329	1015054	3969281	5.948	20.630 #
36)	L8 AR-1262-1	7.944	6.880	1512304	782456	13.067	15.502
37)	L8 AR-1262-2	8.509	7.087	1015054	1568167	5.070	13.881 #
38)	L8 AR-1262-3	8.847	7.618	2777738	1188840	19.290	13.563 #
39)	L8 AR-1262-4	8.924	7.680	3063541	2912047	26.978	17.832 #
40)	L8 AR-1262-5	9.624	8.180	803622	321530	10.772	4.308 #
41)	L9 AR-1268-1	8.847	7.618	2777738	1188840	11.077	4.566 #
42)	L9 AR-1268-2	8.924	7.680	3063541	2912047	13.349	12.596
43)	L9 AR-1268-3	0.000	7.891	0	603034	N.D.	2.954 #

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 Operator : YP\AJ
 Sample : 04474-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

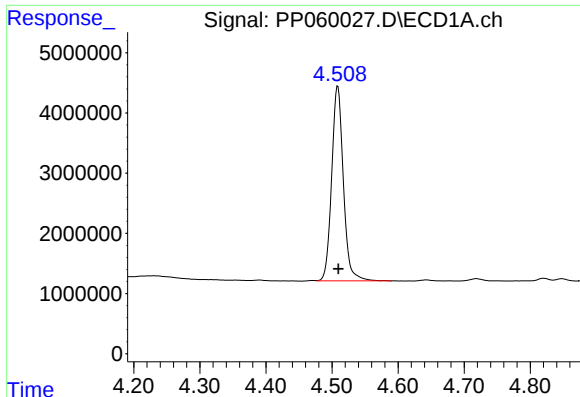
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 02:04:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.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	9.624	8.180	803622	321530	9.702	3.982 #
45) L9	AR-1268-5	10.065	8.479	885720	1132785	1.463	1.793

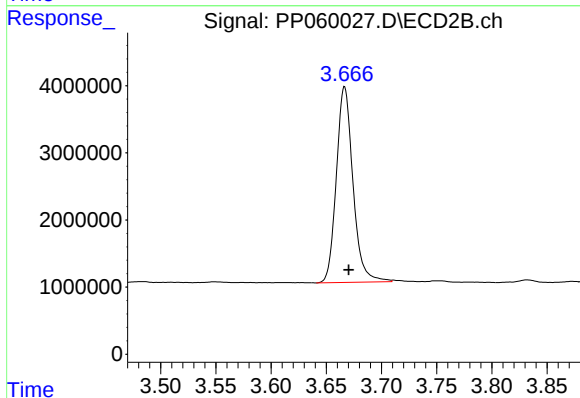
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

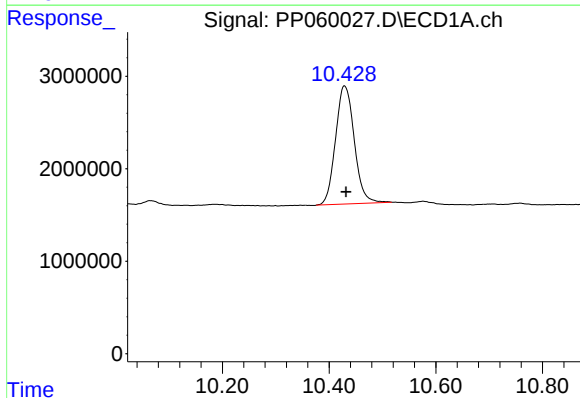
R.T.: 4.509 min
Delta R.T.: -0.001 min
Response: 39798375
Conc: 19.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



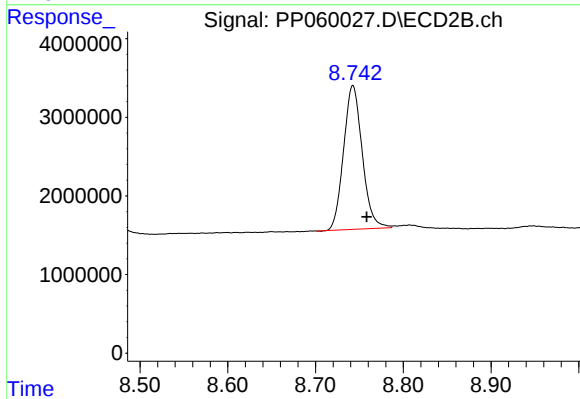
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.004 min
Response: 30602465
Conc: 18.79 ng/ml



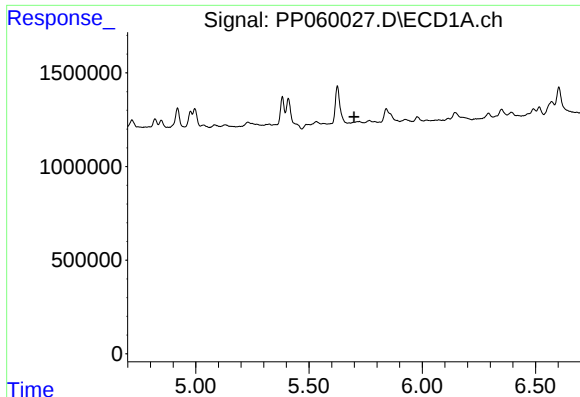
#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: -0.003 min
Response: 31164949
Conc: 20.43 ng/ml



#2 Decachlorobiphenyl

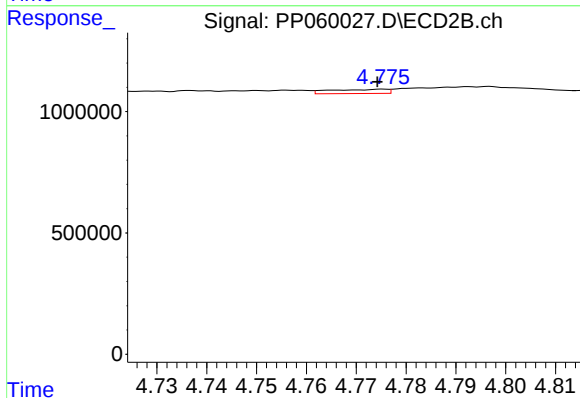
R.T.: 8.743 min
Delta R.T.: -0.016 min
Response: 26985964
Conc: 17.82 ng/ml



#3 AR-1016-1

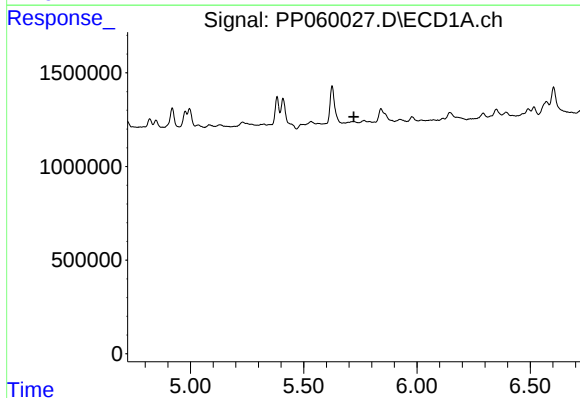
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



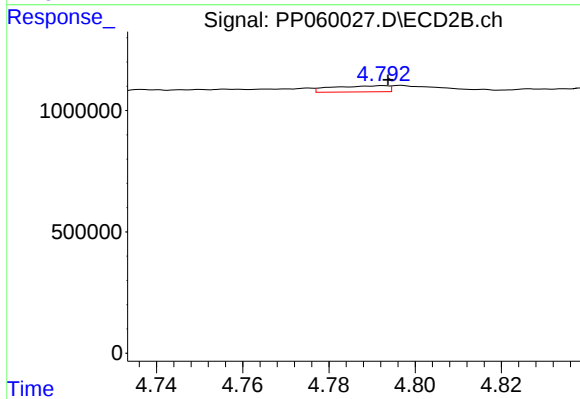
#3 AR-1016-1

R.T.: 4.775 min
Delta R.T.: 0.001 min
Response: 135588
Conc: 2.26 ng/ml



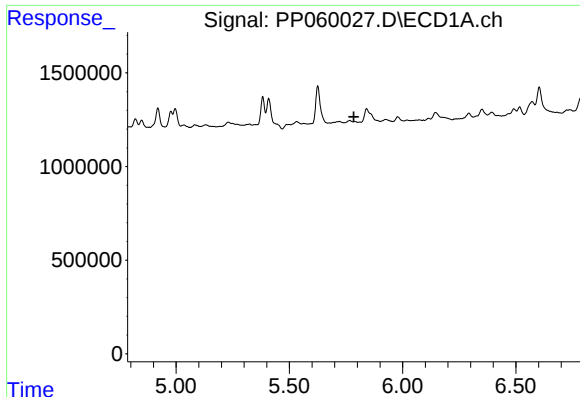
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#4 AR-1016-2

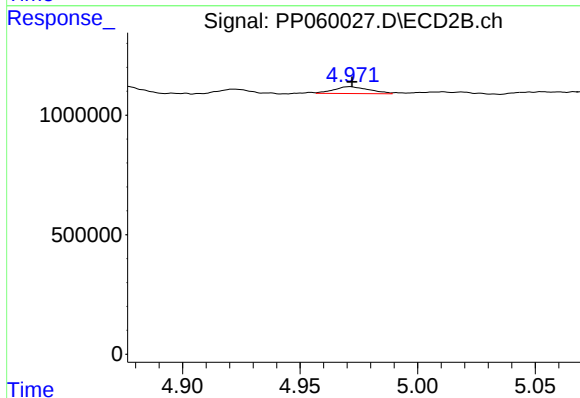
R.T.: 4.793 min
Delta R.T.: -0.001 min
Response: 230653
Conc: 2.78 ng/ml



#5 AR-1016-3

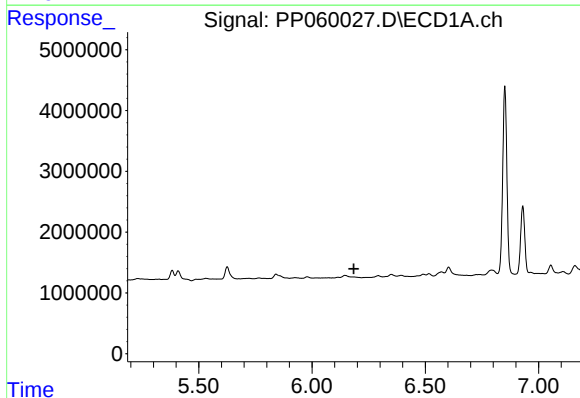
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



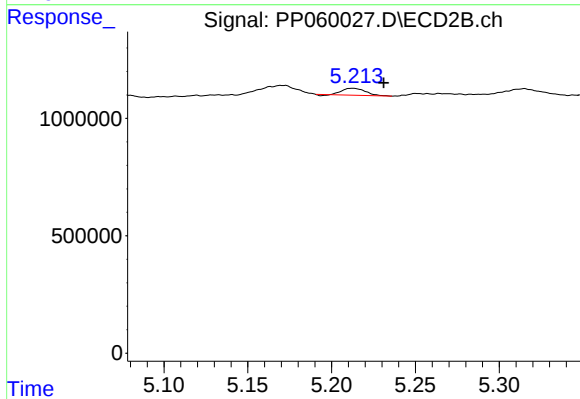
#5 AR-1016-3

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 301473
Conc: 6.72 ng/ml



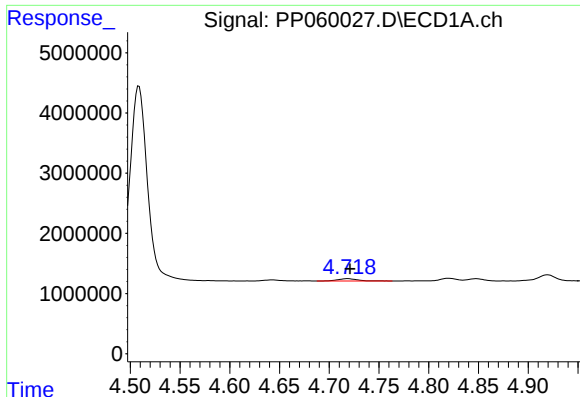
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.



#7 AR-1016-5

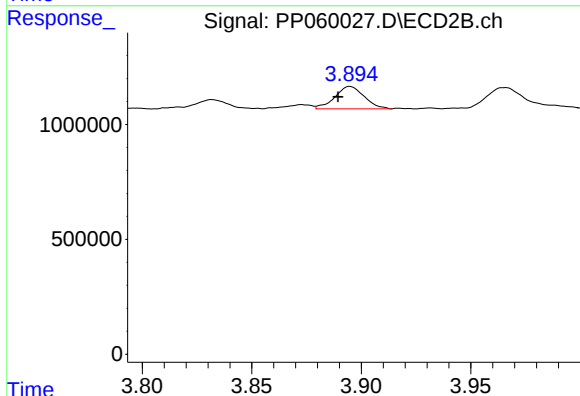
R.T.: 5.213 min
Delta R.T.: -0.018 min
Response: 276097
Conc: 5.94 ng/ml



#8 AR-1221-1

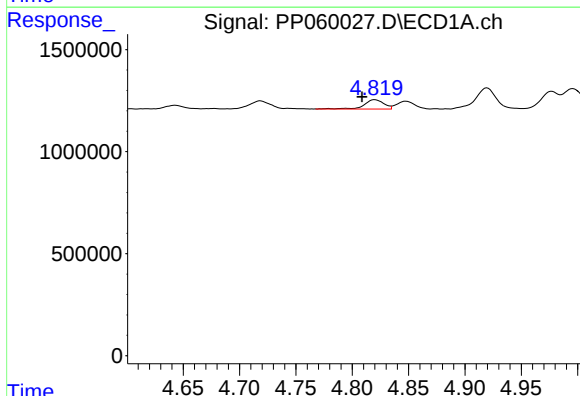
R.T.: 4.718 min
Delta R.T.: -0.002 min
Response: 521113
Conc: 19.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



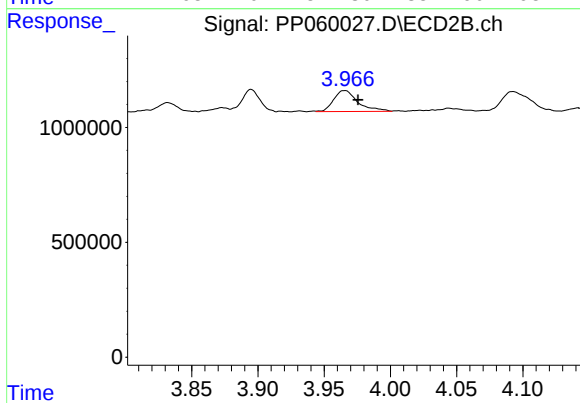
#8 AR-1221-1

R.T.: 3.895 min
Delta R.T.: 0.005 min
Response: 906037
Conc: 41.25 ng/ml



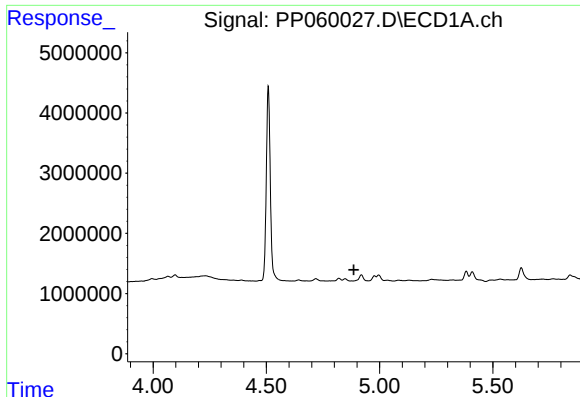
#9 AR-1221-2

R.T.: 4.820 min
Delta R.T.: 0.011 min
Response: 549010
Conc: 27.89 ng/ml



#9 AR-1221-2

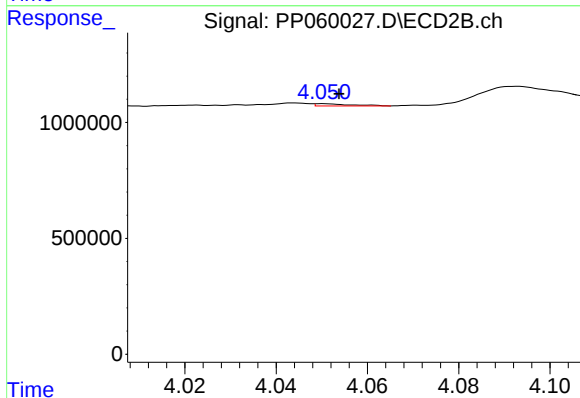
R.T.: 3.966 min
Delta R.T.: -0.009 min
Response: 1160270
Conc: 75.15 ng/ml



#10 AR-1221-3

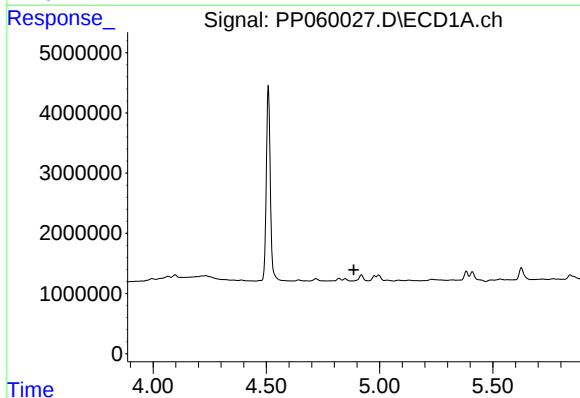
R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



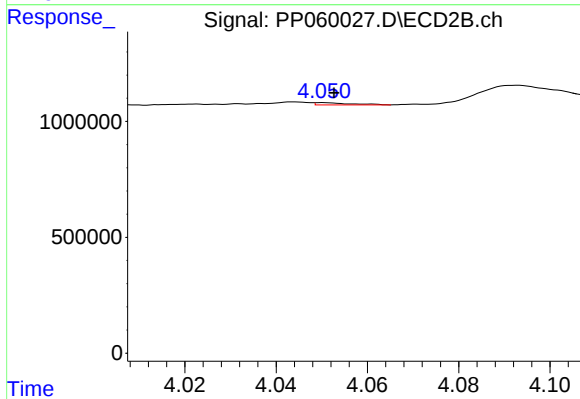
#10 AR-1221-3

R.T.: 4.050 min
Delta R.T.: -0.004 min
Response: 51953
Conc: 1.11 ng/ml



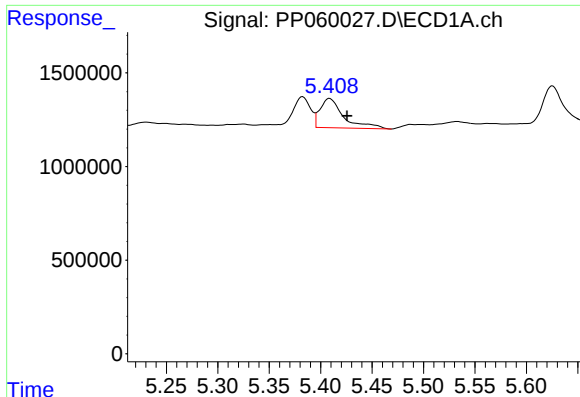
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.



#11 AR-1232-1

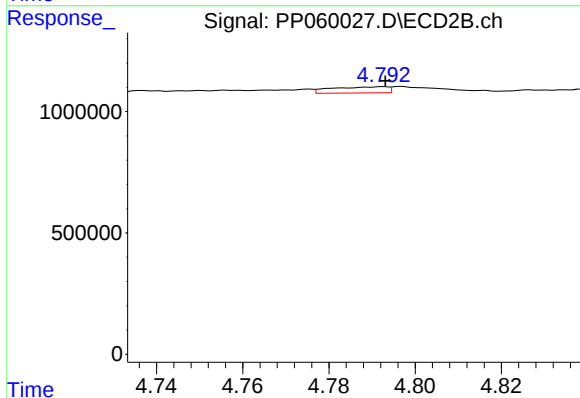
R.T.: 4.050 min
Delta R.T.: -0.002 min
Response: 51953
Conc: 1.37 ng/ml



#12 AR-1232-2

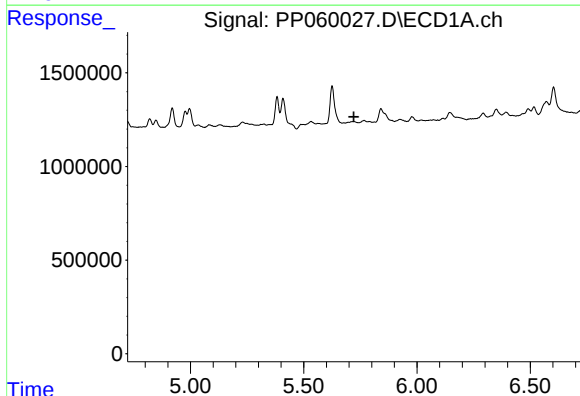
R.T.: 5.409 min
Delta R.T.: -0.017 min
Response: 2490902
Conc: 98.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



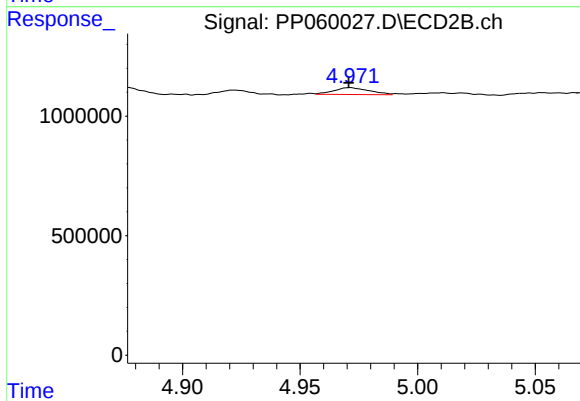
#12 AR-1232-2

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 230653
Conc: 6.26 ng/ml



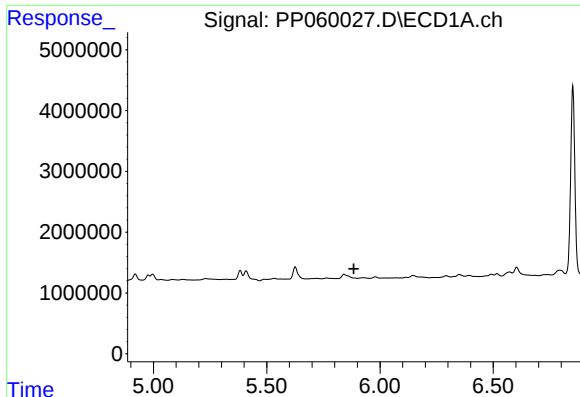
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.721 min
Response: 0
Conc: N.D.



#13 AR-1232-3

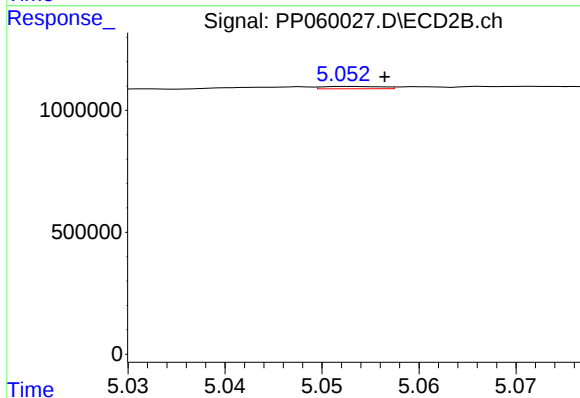
R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 301473
Conc: 15.06 ng/ml



#14 AR-1232-4

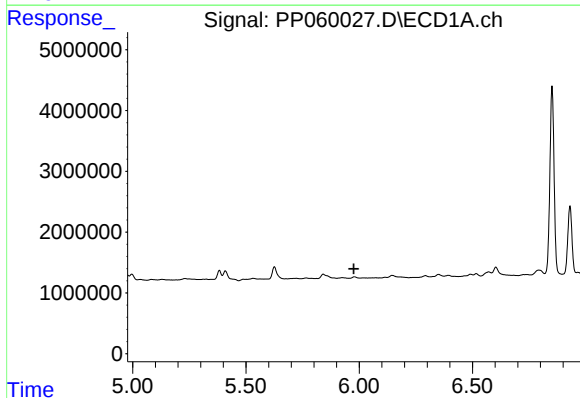
R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



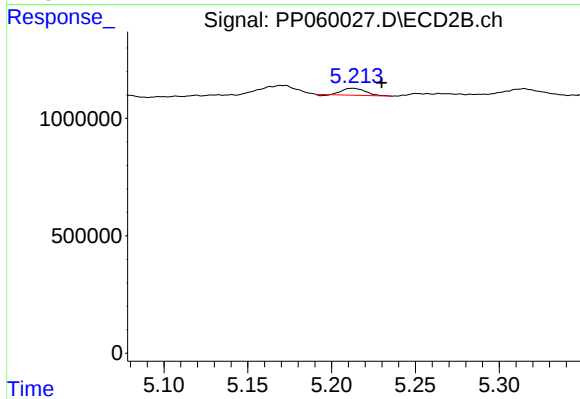
#14 AR-1232-4

R.T.: 5.053 min
Delta R.T.: -0.004 min
Response: 41101
Conc: 2.25 ng/ml



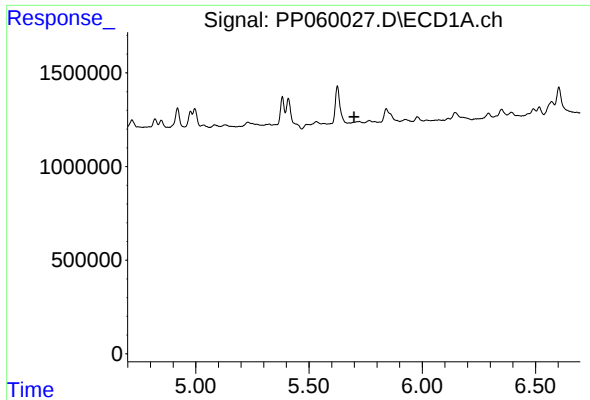
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.



#15 AR-1232-5

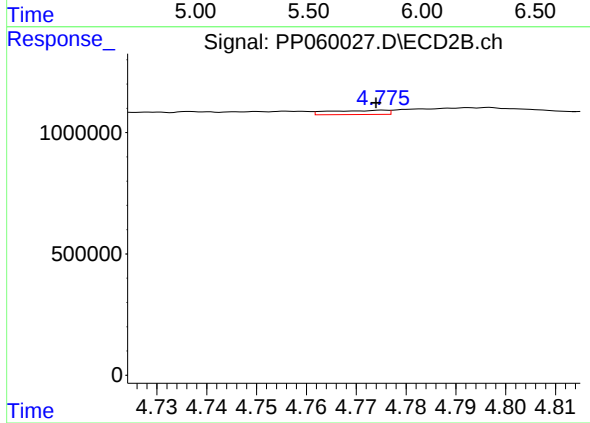
R.T.: 5.213 min
Delta R.T.: -0.017 min
Response: 276097
Conc: 13.77 ng/ml



#16 AR-1242-1

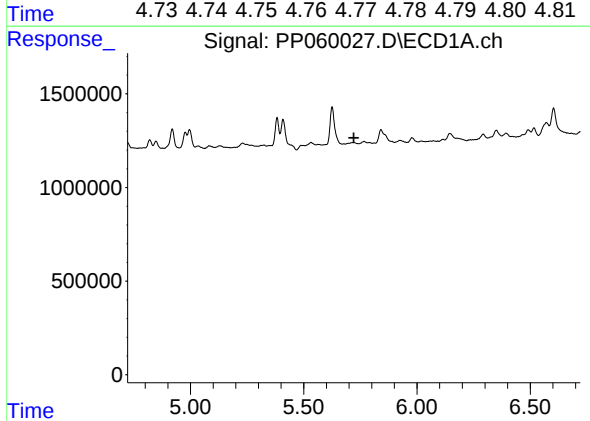
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



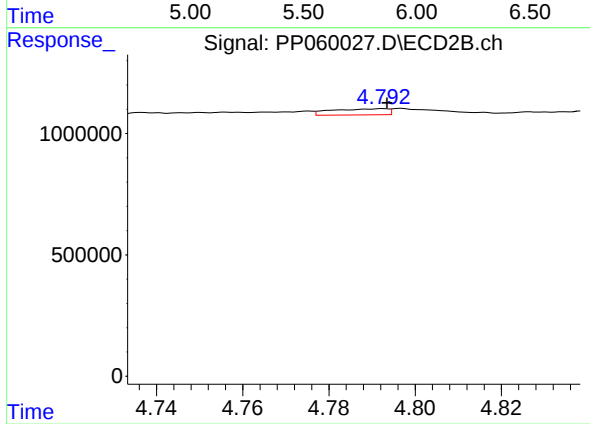
#16 AR-1242-1

R.T.: 4.775 min
Delta R.T.: 0.001 min
Response: 135588
Conc: 2.57 ng/ml



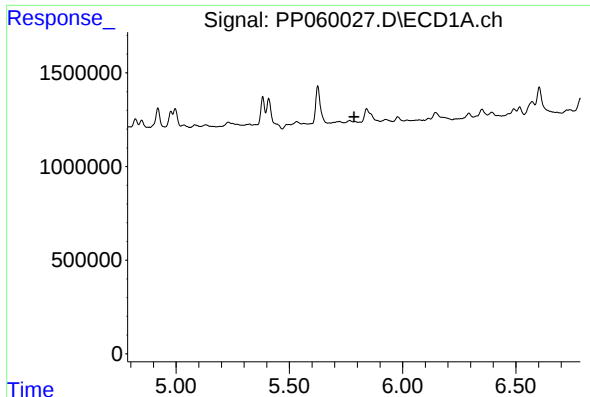
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

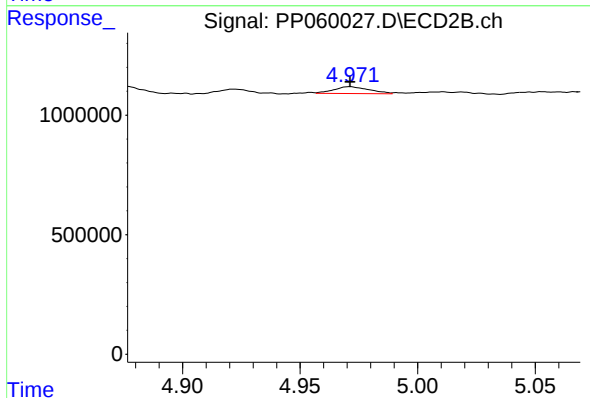
R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 230653
Conc: 3.20 ng/ml



#18 AR-1242-3

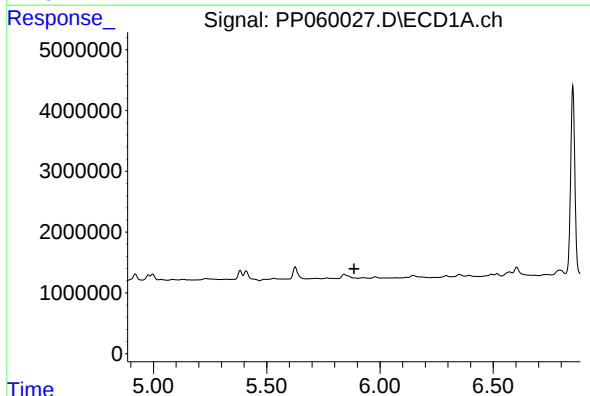
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



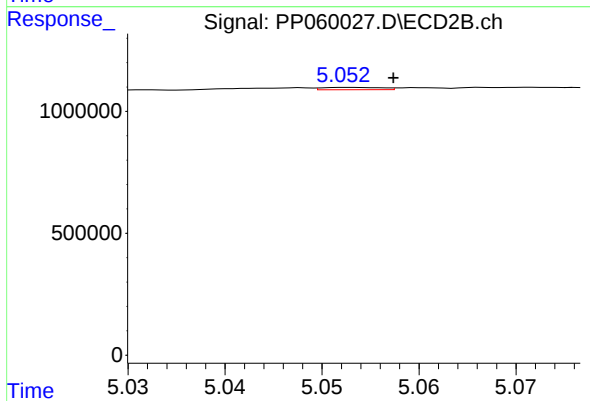
#18 AR-1242-3

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 301473
Conc: 7.70 ng/ml



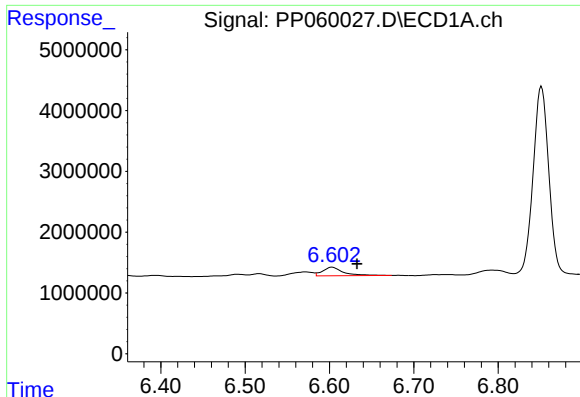
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#19 AR-1242-4

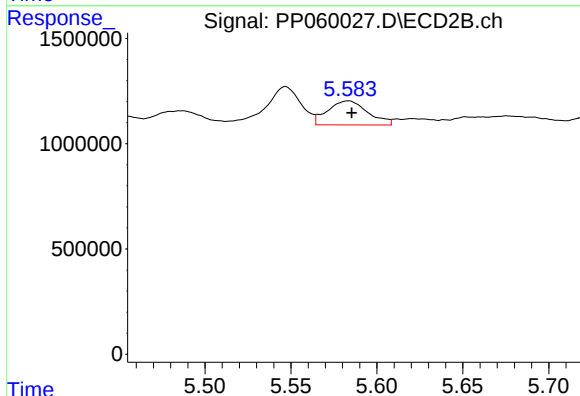
R.T.: 5.053 min
Delta R.T.: -0.005 min
Response: 41101
Conc: 1.05 ng/ml



#20 AR-1242-5

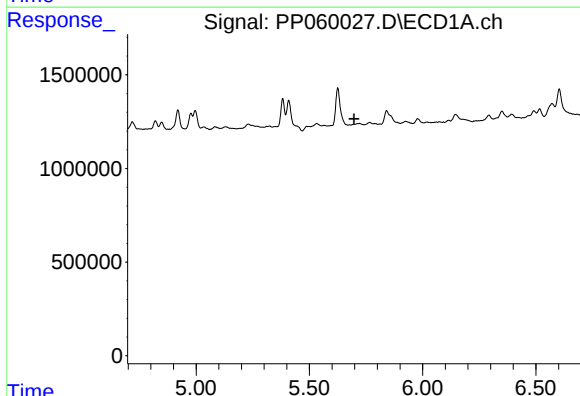
R.T.: 6.603 min
Delta R.T.: -0.030 min
Response: 2409851
Conc: 52.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



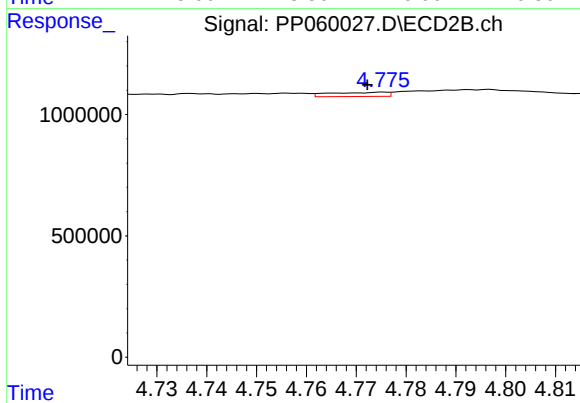
#20 AR-1242-5

R.T.: 5.583 min
Delta R.T.: -0.002 min
Response: 1855602
Conc: 38.35 ng/ml



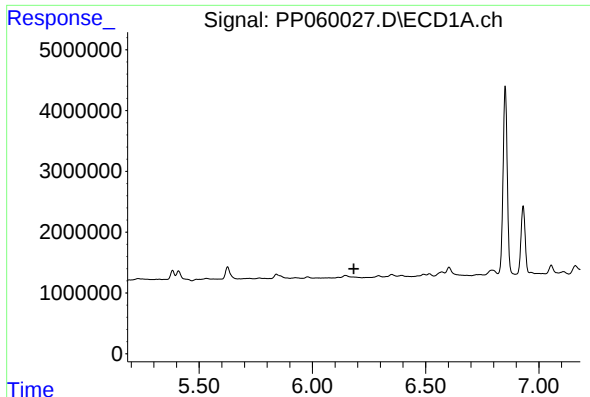
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.697 min
Response: 0
Conc: N.D.



#21 AR-1248-1

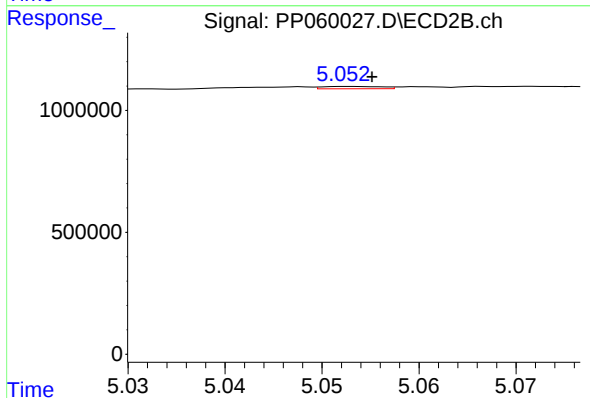
R.T.: 4.775 min
Delta R.T.: 0.003 min
Response: 135588
Conc: 3.47 ng/ml



#23 AR-1248-3

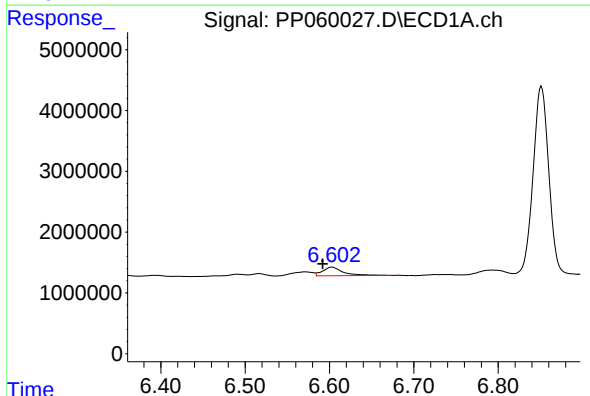
R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



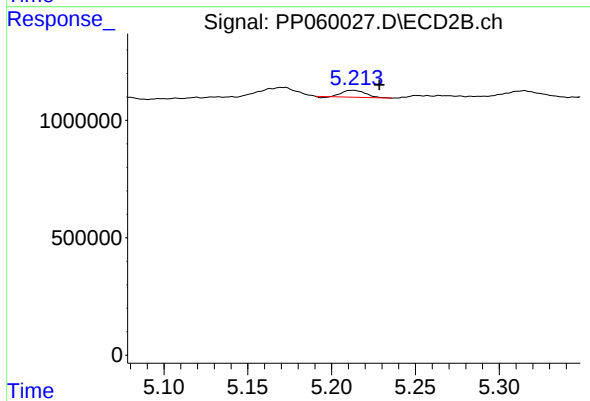
#23 AR-1248-3

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 41101
Conc: 0.72 ng/ml



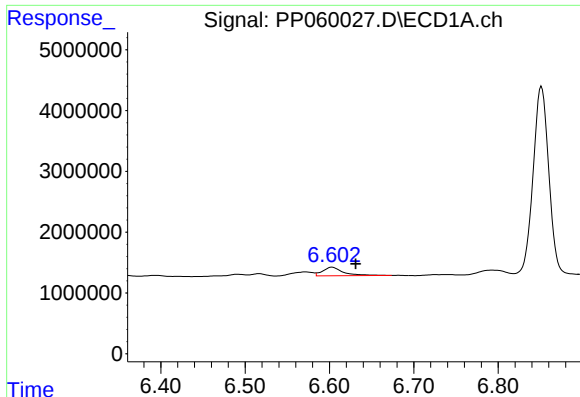
#24 AR-1248-4

R.T.: 6.603 min
Delta R.T.: 0.011 min
Response: 2409851
Conc: 31.16 ng/ml



#24 AR-1248-4

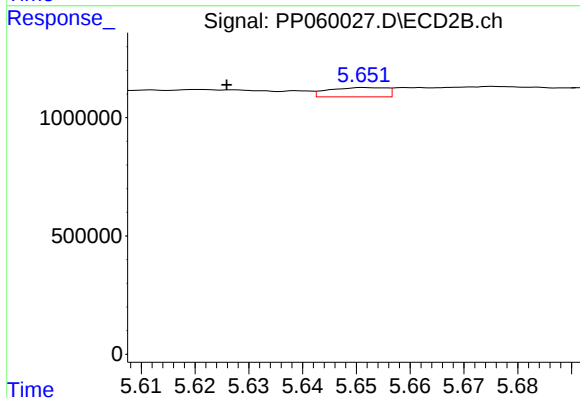
R.T.: 5.213 min
Delta R.T.: -0.015 min
Response: 276097
Conc: 4.11 ng/ml



#25 AR-1248-5

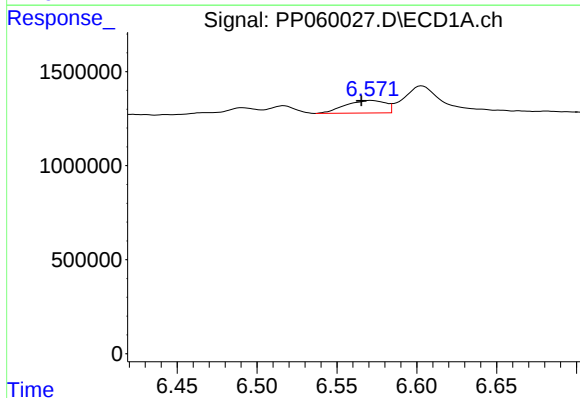
R.T.: 6.603 min
Delta R.T.: -0.028 min
Response: 2409851
Conc: 32.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



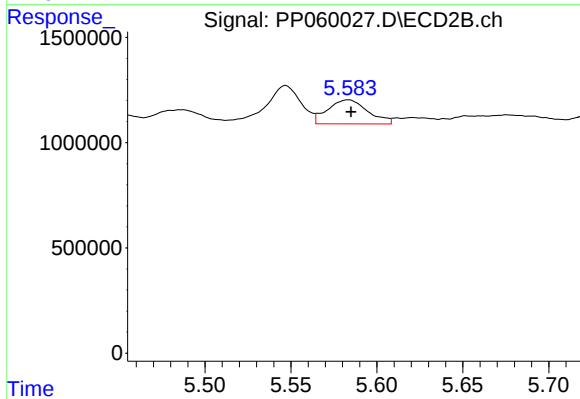
#25 AR-1248-5

R.T.: 5.651 min
Delta R.T.: 0.025 min
Response: 289823
Conc: 4.39 ng/ml



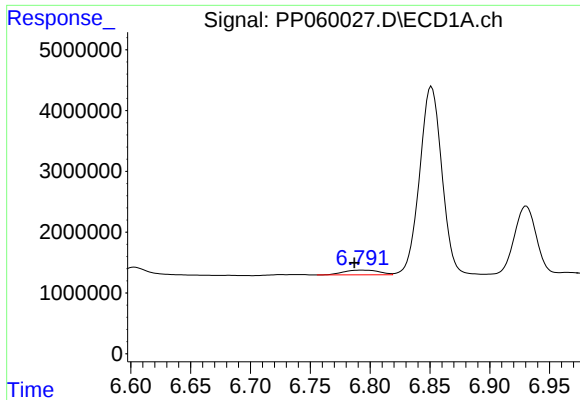
#26 AR-1254-1

R.T.: 6.571 min
Delta R.T.: 0.006 min
Response: 1168496
Conc: 14.64 ng/ml



#26 AR-1254-1

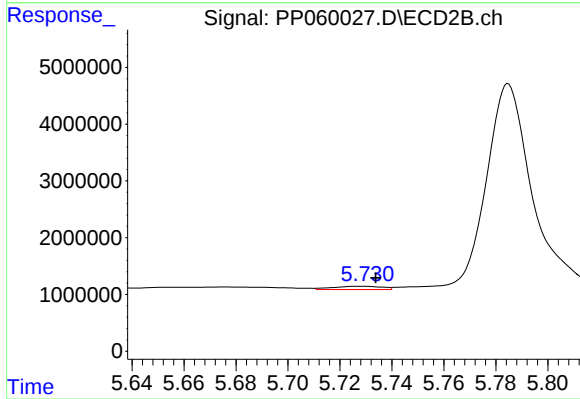
R.T.: 5.583 min
Delta R.T.: -0.002 min
Response: 1855602
Conc: 18.49 ng/ml



#27 AR-1254-2

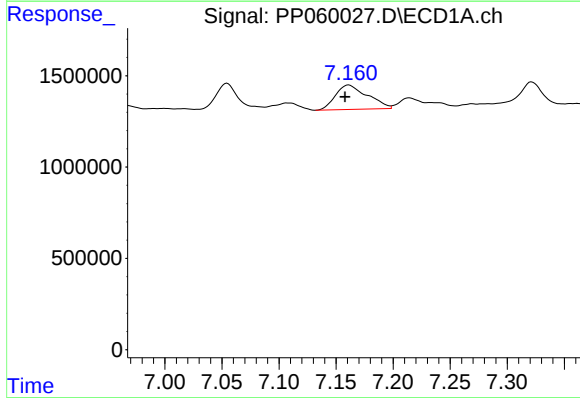
R.T.: 6.792 min
Delta R.T.: 0.006 min
Response: 1624500
Conc: 13.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



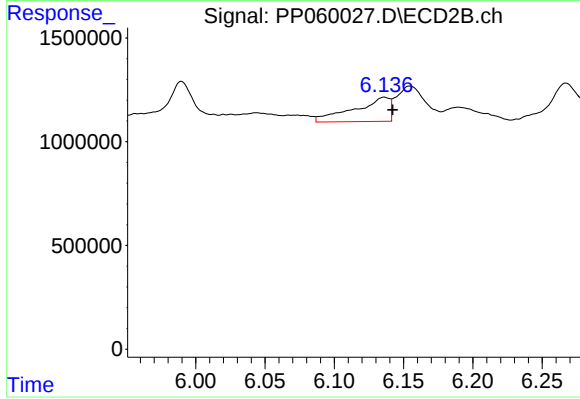
#27 AR-1254-2

R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 763077
Conc: 8.78 ng/ml



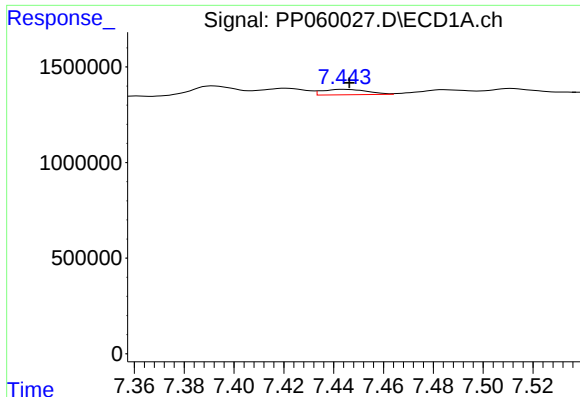
#28 AR-1254-3

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 2616789
Conc: 21.54 ng/ml



#28 AR-1254-3

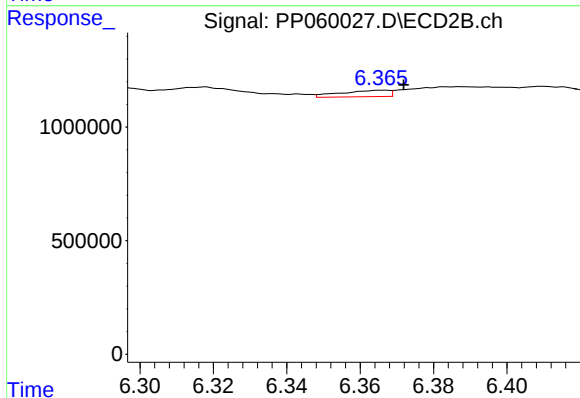
R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 2081126
Conc: 14.82 ng/ml



#29 AR-1254-4

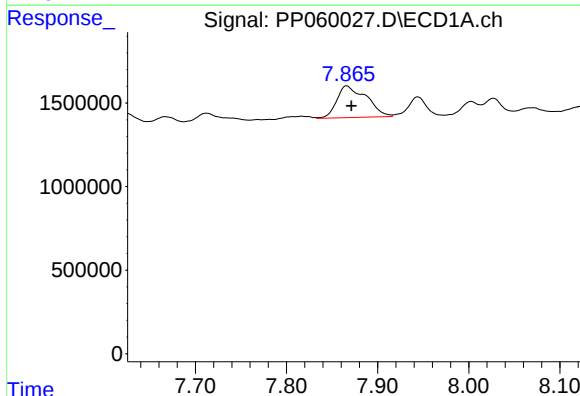
R.T.: 7.444 min
Delta R.T.: -0.002 min
Response: 351814
Conc: 3.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



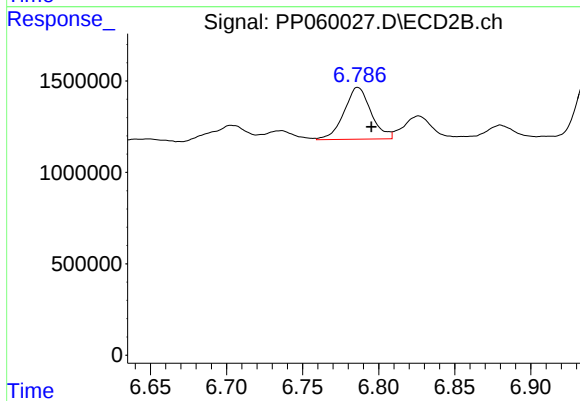
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: -0.006 min
Response: 256988
Conc: 3.05 ng/ml



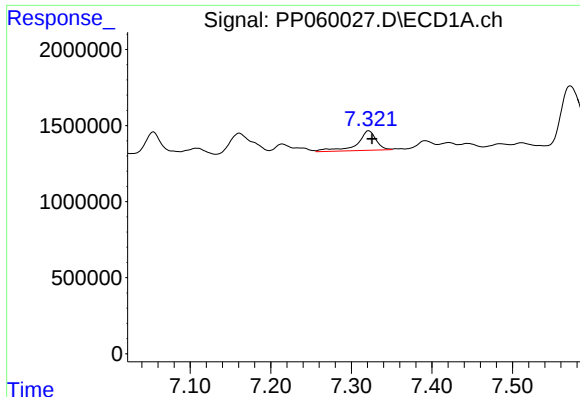
#30 AR-1254-5

R.T.: 7.866 min
Delta R.T.: -0.005 min
Response: 4305637
Conc: 44.26 ng/ml



#30 AR-1254-5

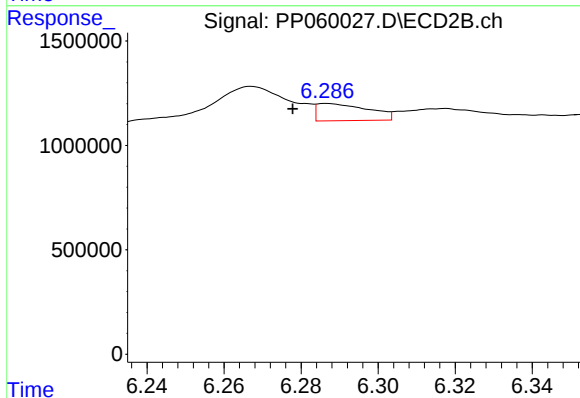
R.T.: 6.786 min
Delta R.T.: -0.009 min
Response: 3510456
Conc: 29.59 ng/ml



#31 AR-1260-1

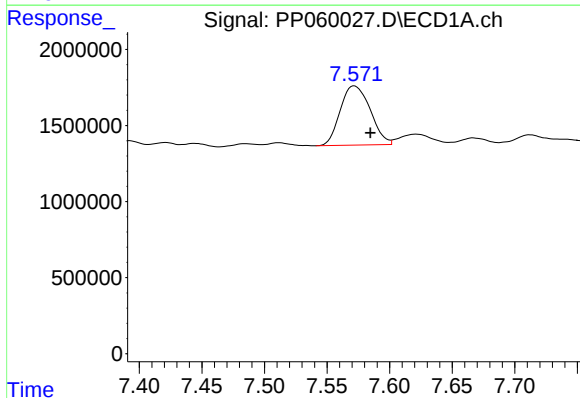
R.T.: 7.321 min
Delta R.T.: -0.004 min
Response: 2117482
Conc: 23.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



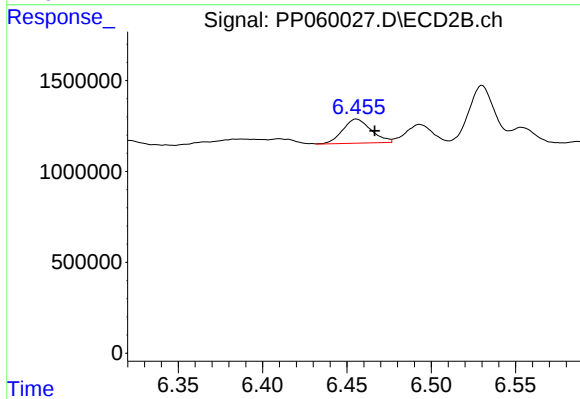
#31 AR-1260-1

R.T.: 6.287 min
Delta R.T.: 0.009 min
Response: 766967
Conc: 8.24 ng/ml



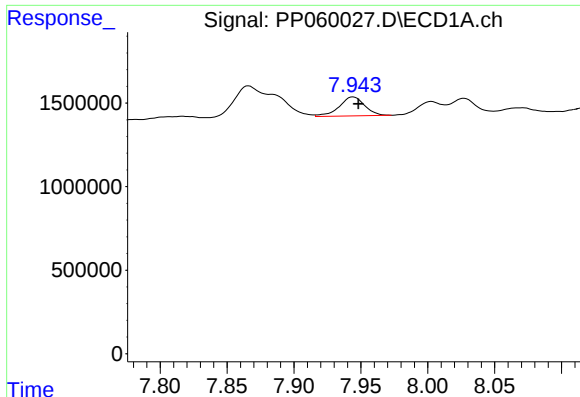
#32 AR-1260-2

R.T.: 7.572 min
Delta R.T.: -0.013 min
Response: 6495259
Conc: 63.31 ng/ml



#32 AR-1260-2

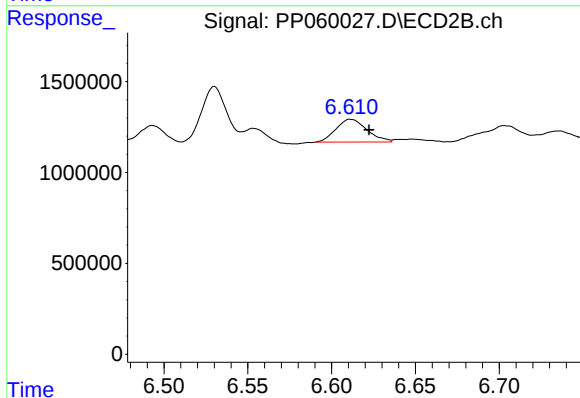
R.T.: 6.456 min
Delta R.T.: -0.011 min
Response: 1560719
Conc: 14.24 ng/ml



#33 AR-1260-3

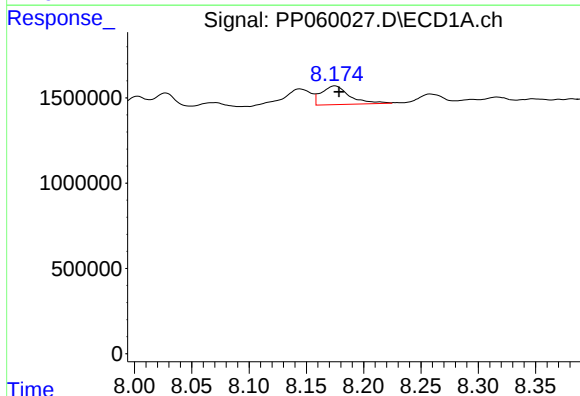
R.T.: 7.944 min
Delta R.T.: -0.004 min
Response: 1512304
Conc: 19.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



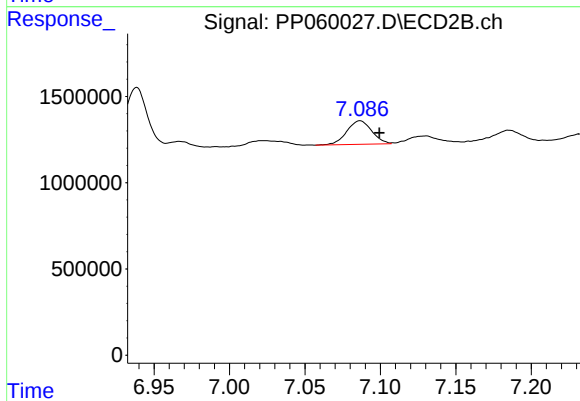
#33 AR-1260-3

R.T.: 6.611 min
Delta R.T.: -0.011 min
Response: 1609190
Conc: 15.65 ng/ml



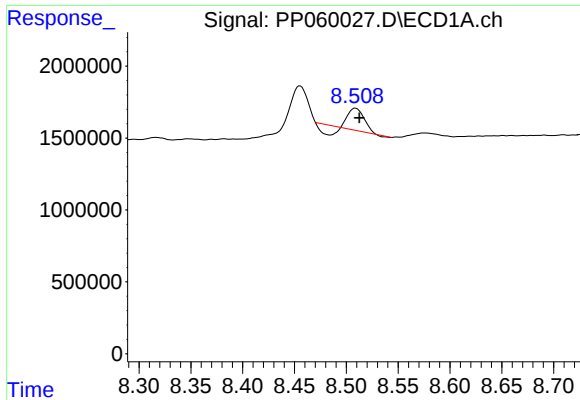
#34 AR-1260-4

R.T.: 8.175 min
Delta R.T.: -0.004 min
Response: 1884368
Conc: 21.03 ng/ml



#34 AR-1260-4

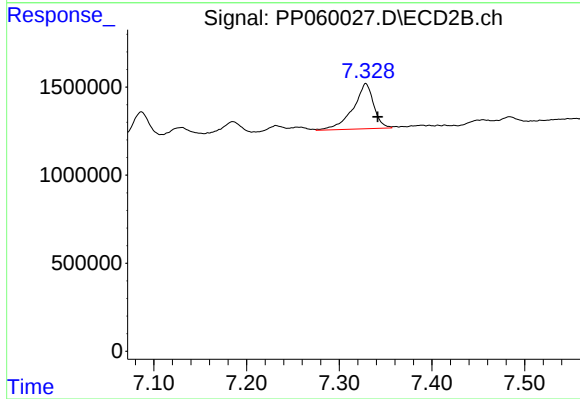
R.T.: 7.087 min
Delta R.T.: -0.013 min
Response: 1568167
Conc: 18.83 ng/ml



#35 AR-1260-5

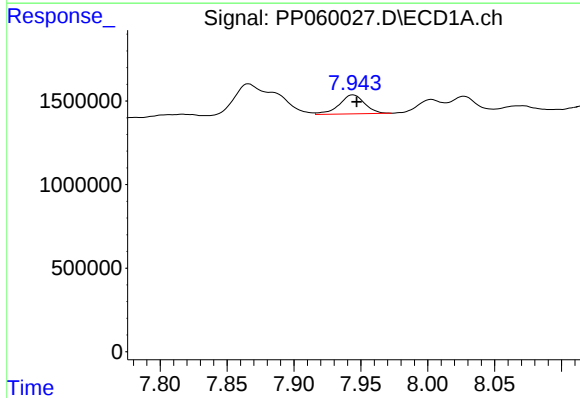
R.T.: 8.509 min
Delta R.T.: -0.004 min
Response: 1015054
Conc: 5.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



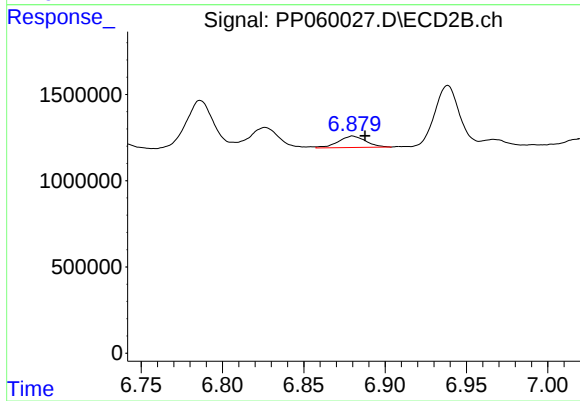
#35 AR-1260-5

R.T.: 7.329 min
Delta R.T.: -0.013 min
Response: 3969281
Conc: 20.63 ng/ml



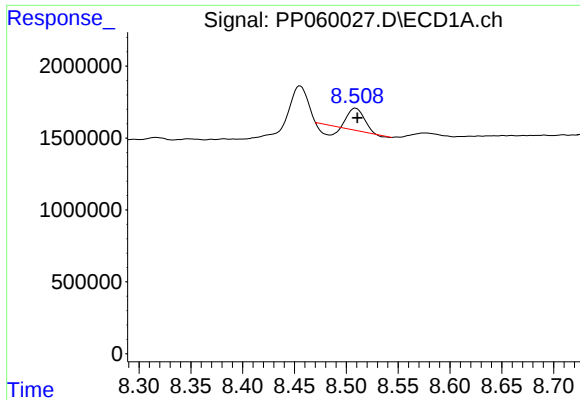
#36 AR-1262-1

R.T.: 7.944 min
Delta R.T.: -0.003 min
Response: 1512304
Conc: 13.07 ng/ml



#36 AR-1262-1

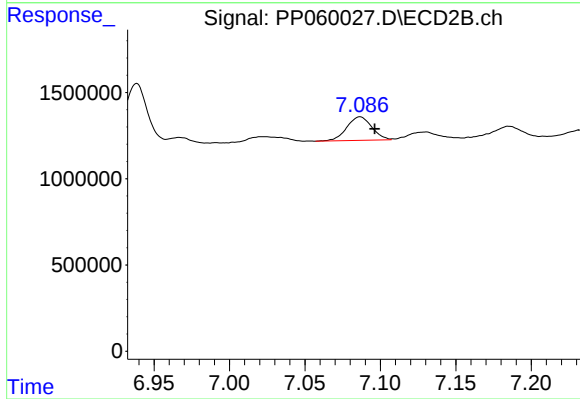
R.T.: 6.880 min
Delta R.T.: -0.008 min
Response: 782456
Conc: 15.50 ng/ml



#37 AR-1262-2

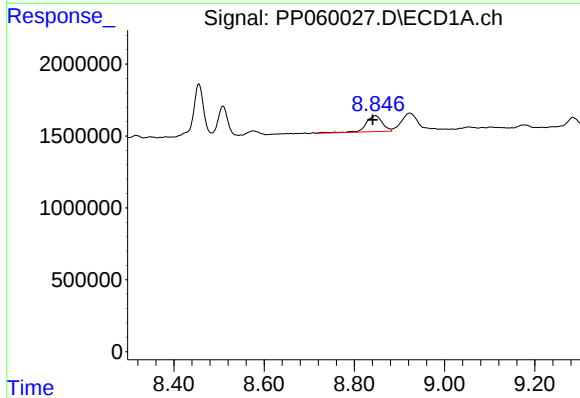
R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 1015054
Conc: 5.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



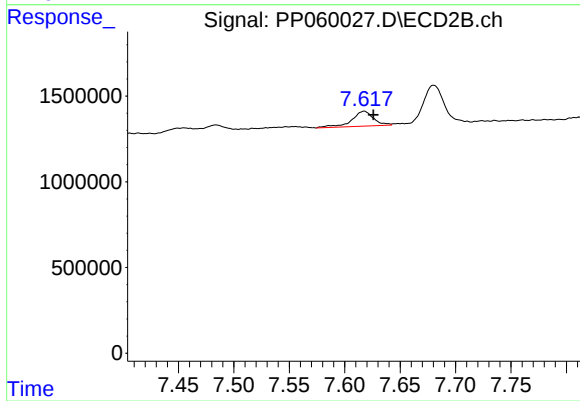
#37 AR-1262-2

R.T.: 7.087 min
Delta R.T.: -0.010 min
Response: 1568167
Conc: 13.88 ng/ml



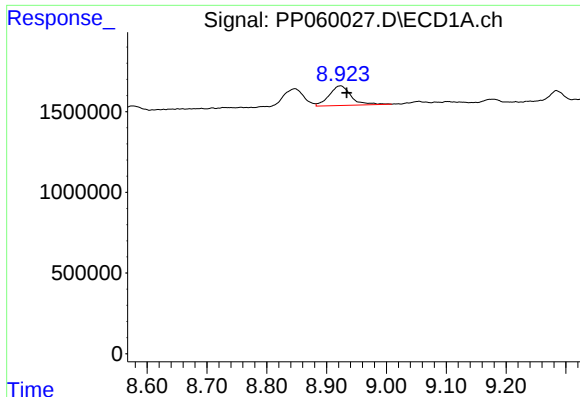
#38 AR-1262-3

R.T.: 8.847 min
Delta R.T.: 0.007 min
Response: 2777738
Conc: 19.29 ng/ml



#38 AR-1262-3

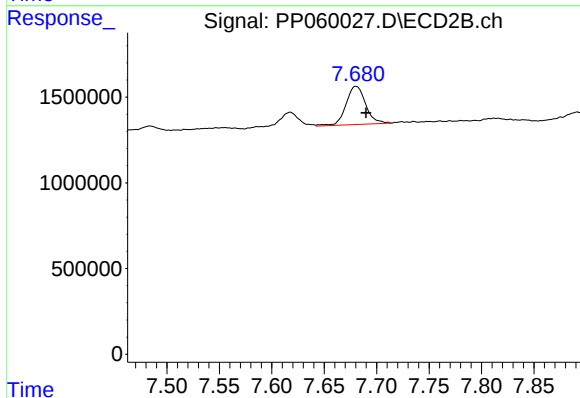
R.T.: 7.618 min
Delta R.T.: -0.008 min
Response: 1188840
Conc: 13.56 ng/ml



#39 AR-1262-4

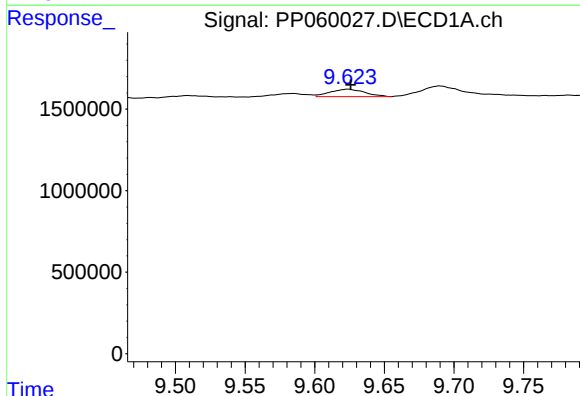
R.T.: 8.924 min
Delta R.T.: -0.010 min
Response: 3063541
Conc: 26.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



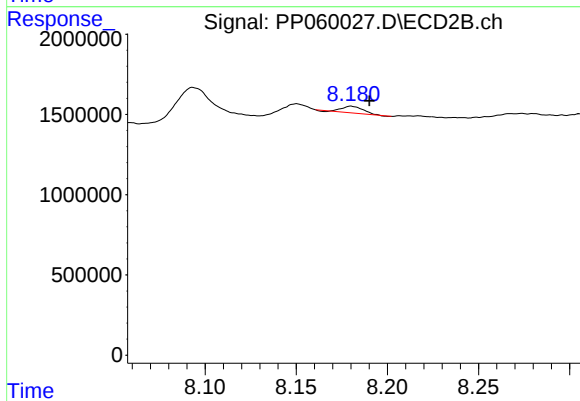
#39 AR-1262-4

R.T.: 7.680 min
Delta R.T.: -0.010 min
Response: 2912047
Conc: 17.83 ng/ml



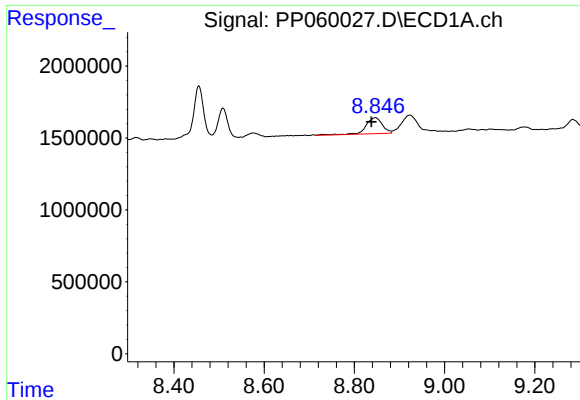
#40 AR-1262-5

R.T.: 9.624 min
Delta R.T.: -0.002 min
Response: 803622
Conc: 10.77 ng/ml



#40 AR-1262-5

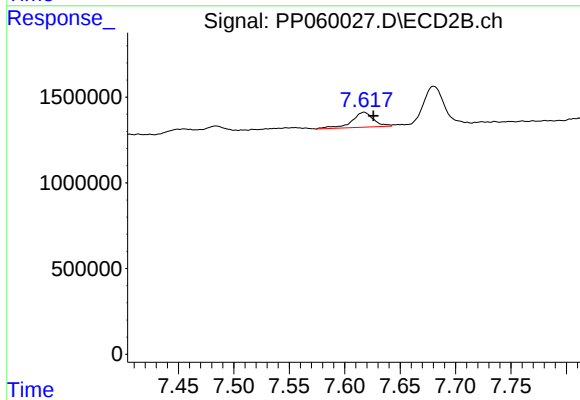
R.T.: 8.180 min
Delta R.T.: -0.010 min
Response: 321530
Conc: 4.31 ng/ml



#41 AR-1268-1

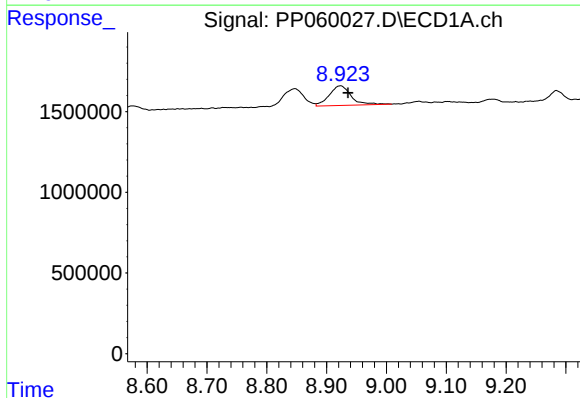
R.T.: 8.847 min
Delta R.T.: 0.009 min
Response: 2777738
Conc: 11.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



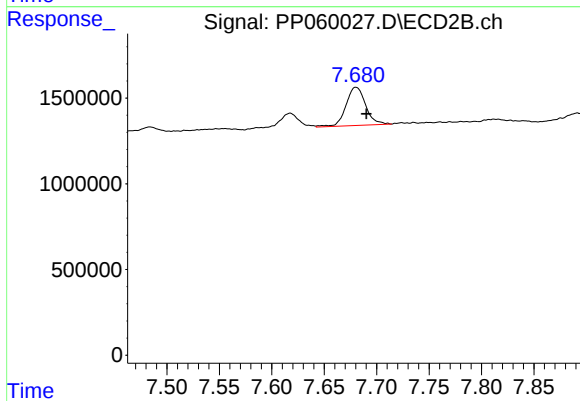
#41 AR-1268-1

R.T.: 7.618 min
Delta R.T.: -0.008 min
Response: 1188840
Conc: 4.57 ng/ml



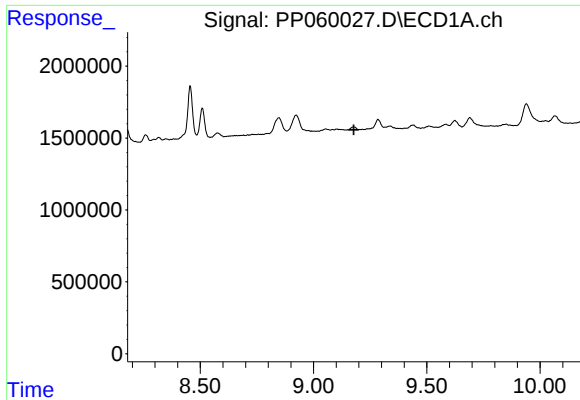
#42 AR-1268-2

R.T.: 8.924 min
Delta R.T.: -0.012 min
Response: 3063541
Conc: 13.35 ng/ml



#42 AR-1268-2

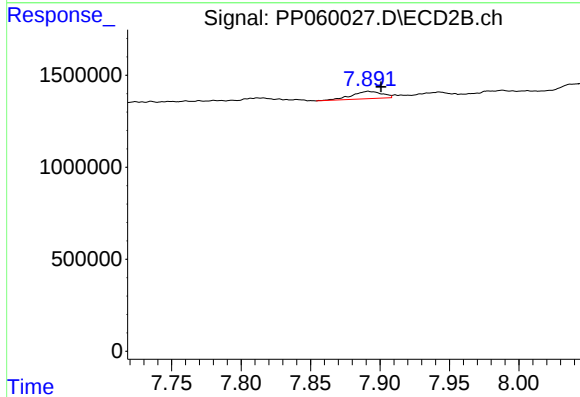
R.T.: 7.680 min
Delta R.T.: -0.010 min
Response: 2912047
Conc: 12.60 ng/ml



#43 AR-1268-3

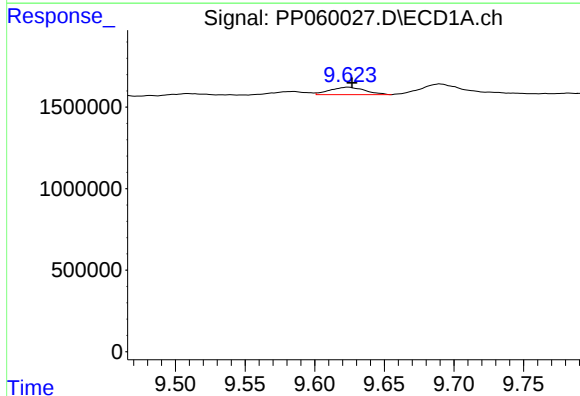
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



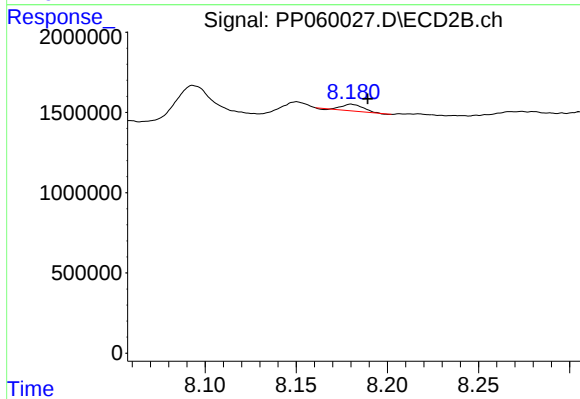
#43 AR-1268-3

R.T.: 7.891 min
Delta R.T.: -0.009 min
Response: 603034
Conc: 2.95 ng/ml



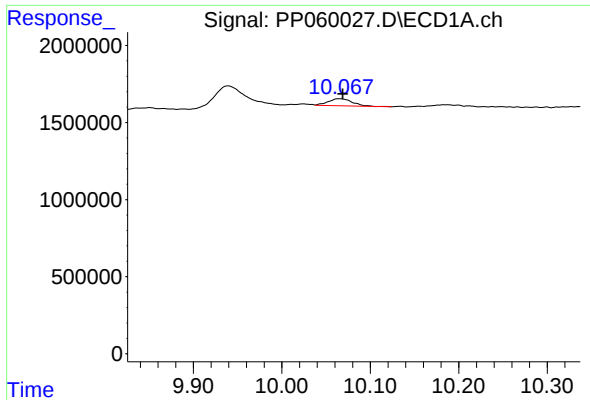
#44 AR-1268-4

R.T.: 9.624 min
Delta R.T.: -0.003 min
Response: 803622
Conc: 9.70 ng/ml



#44 AR-1268-4

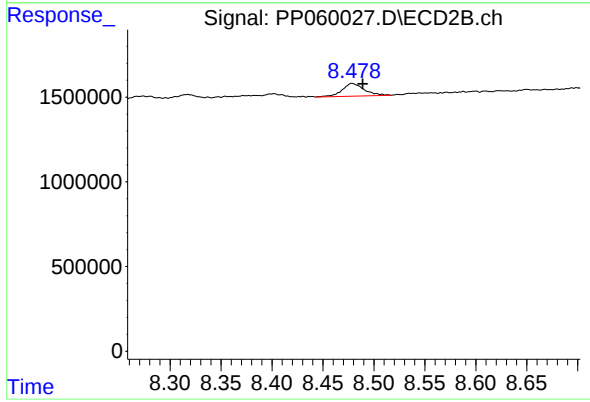
R.T.: 8.180 min
Delta R.T.: -0.009 min
Response: 321530
Conc: 3.98 ng/ml



#45 AR-1268-5

R.T.: 10.065 min
Delta R.T.: -0.004 min
Response: 885720
Conc: 1.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.479 min
Delta R.T.: -0.010 min
Response: 1132785
Conc: 1.79 ng/ml