

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
 Data File : PP073503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jul 2025 03:01
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 04:32:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 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...	4.524f	3.802	707938	35273	0.443	0.020 #
2)	SA Decachlor...	10.196	8.813	112287	226641	0.079	0.164 #
Target Compounds							
3)	L1 AR-1016-1	5.635	4.864	93943	483018	1.715	7.508 #
4)	L1 AR-1016-2	5.692	4.864	189887	483018	2.295	5.068 #
5)	L1 AR-1016-3	5.744	5.035	229976	217801	4.359	4.320
6)	L1 AR-1016-4	5.817	5.092	70112	161270	1.593	3.967 #
7)	L1 AR-1016-5	6.136	5.307	108857	1563484	2.707	30.509 #
8)	L2 AR-1221-1	4.657	3.985	71786	77248	3.803	2.870
9)	L2 AR-1221-2	4.796	4.087	81846	705577	5.079	34.317 #
10)	L2 AR-1221-3	4.857	4.151	139724	220354	2.701	3.632 #
11)	L3 AR-1232-1	4.857	4.151	139724	220354	3.496	4.682 #
12)	L3 AR-1232-2	5.364	4.864	43810	483018	2.131	10.276 #
13)	L3 AR-1232-3	5.635	5.035	93943	217801	2.219	8.795 #
14)	L3 AR-1232-4	5.817	5.131	70112	65185	3.253	3.043
15)	L3 AR-1232-5	5.928	5.307	142426	1563484	10.126	66.898 #
16)	L4 AR-1242-1	5.635	4.864	93943	483018	1.849	8.271 #
17)	L4 AR-1242-2	5.692	4.864	189887	483018	2.504	5.599 #
18)	L4 AR-1242-3	5.744	5.035	229976	217801	4.787	4.747
19)	L4 AR-1242-4	5.817	5.131	70112	65185	1.821	1.485
20)	L4 AR-1242-5	6.549	5.677	868600	6539507	20.436	119.516 #
21)	L5 AR-1248-1	5.635	4.864	93943	483018	2.402	10.979 #
22)	L5 AR-1248-2	5.928	5.092	142426	161270	2.760	2.738
23)	L5 AR-1248-3	6.136	5.131	108857	65185	1.921	1.080 #
24)	L5 AR-1248-4	6.523	5.307	278502	1563484	3.957	21.923 #
25)	L5 AR-1248-5	6.549	5.721	868600	353467	12.411	4.806 #
26)	L6 AR-1254-1	6.484	5.677	4765636	6539507	67.187	59.695
27)	L6 AR-1254-2	6.704	5.808	675092	1019589	6.545	10.513 #
28)	L6 AR-1254-3	7.063	6.221	3845999	778663	33.833	5.285 #
29)	L6 AR-1254-4	7.350	6.448	375022	865543	3.770	9.593 #
30)	L6 AR-1254-5	7.741	6.841	392665	37801	4.143	0.284 #
31)	L7 AR-1260-1	7.238	6.337	700852	102650	9.828	1.112 #
32)	L7 AR-1260-2	7.502	6.540	726240	153341	6.909	1.241 #
33)	L7 AR-1260-3	7.851	6.718	1564566	174738	16.978	1.746 #
34)	L7 AR-1260-4	8.064	7.157	413257	179343	4.677	2.066 #
35)	L7 AR-1260-5	8.356	7.394	315147	53850	1.599	0.247 #
36)	L8 AR-1262-1	8.064	6.892	413257	550912	3.587	3.671
37)	L8 AR-1262-2	8.356	7.157	315147	179343	1.265	1.437
38)	L8 AR-1262-3	8.686	7.696	130072	1985888	0.797	17.866 #
39)	L8 AR-1262-4	8.756	7.704f	1502919	1729485	12.318	9.488
40)	L8 AR-1262-5	9.461	8.227	101711	53265	1.170	0.611 #
41)	L9 AR-1268-1	8.686	7.696	130072	1985888	0.452	6.722 #

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 Acq On : 04 Jul 2025 03:01
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

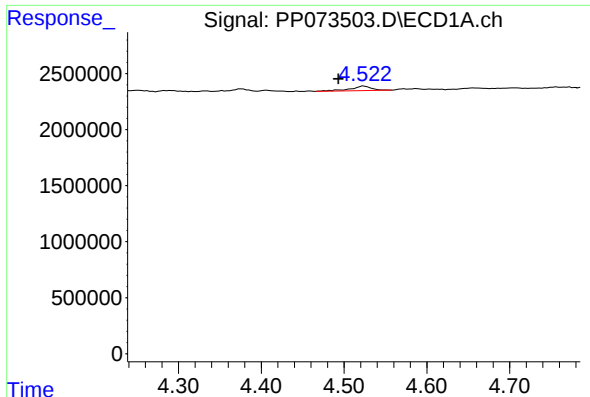
Instrument :
 ECD_P
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 04:32:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.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	8.823	7.704f	295534	1729485	1.184	6.603 #
43) L9	AR-1268-3	9.016	7.971	153622	431269	0.698	1.967 #
44) L9	AR-1268-4	9.461	8.227	101711	53265	1.061	0.563 #
45) L9	AR-1268-5	9.851	8.517	82610	79296	0.132	0.128

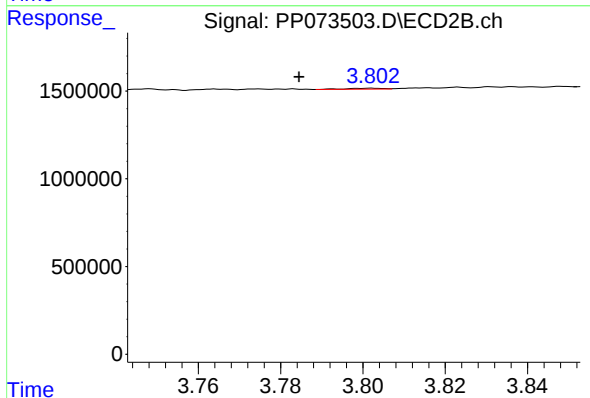
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

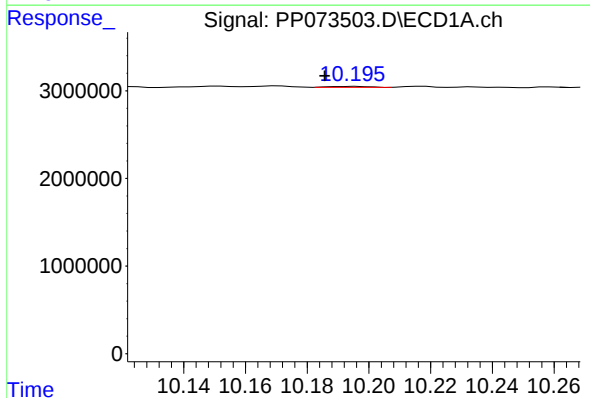
R.T.: 4.524 min
Delta R.T.: 0.031 min
Response: 707938
Conc: 0.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



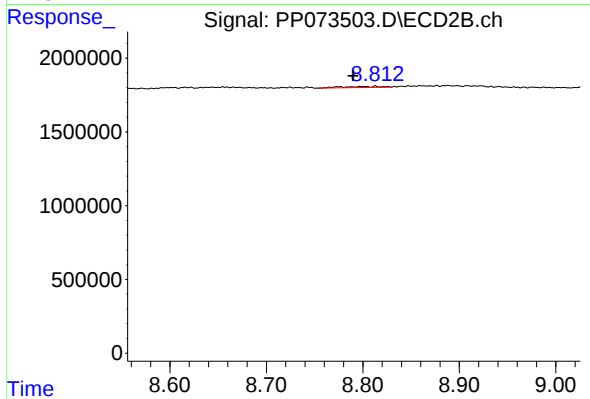
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.018 min
Response: 35273
Conc: 0.02 ng/ml



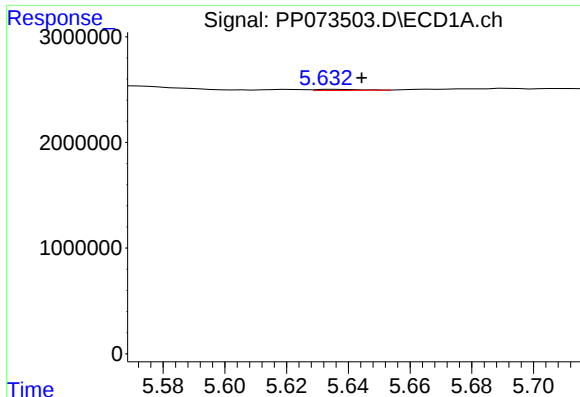
#2 Decachlorobiphenyl

R.T.: 10.196 min
Delta R.T.: 0.010 min
Response: 112287
Conc: 0.08 ng/ml



#2 Decachlorobiphenyl

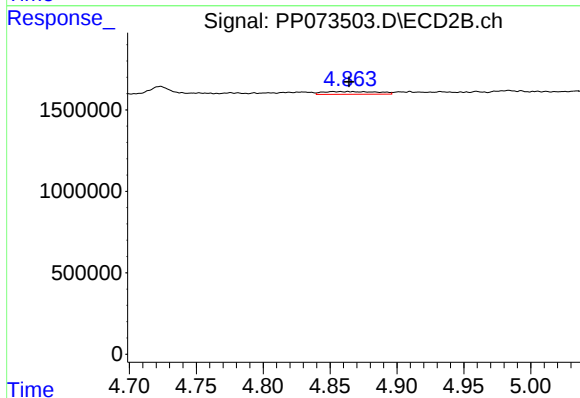
R.T.: 8.813 min
Delta R.T.: 0.023 min
Response: 226641
Conc: 0.16 ng/ml



#3 AR-1016-1

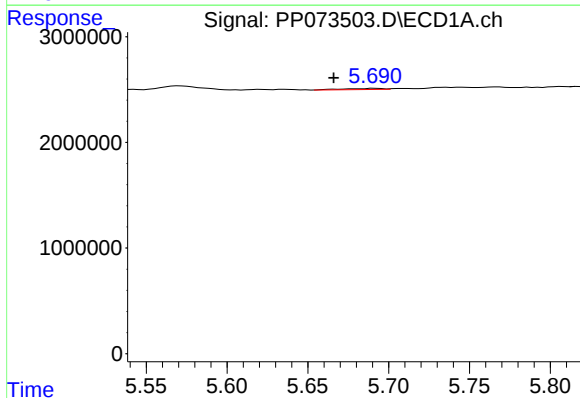
R.T.: 5.635 min
Delta R.T.: -0.009 min
Response: 93943
Conc: 1.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



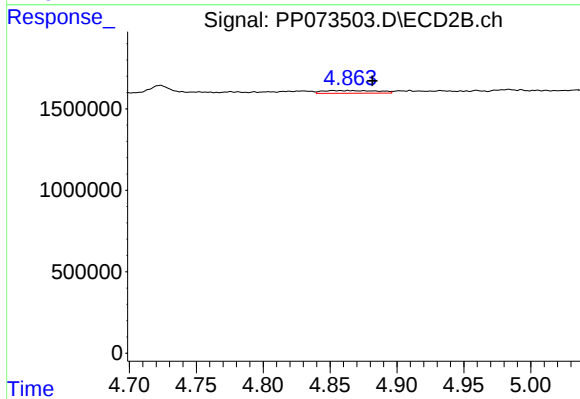
#3 AR-1016-1

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 483018
Conc: 7.51 ng/ml



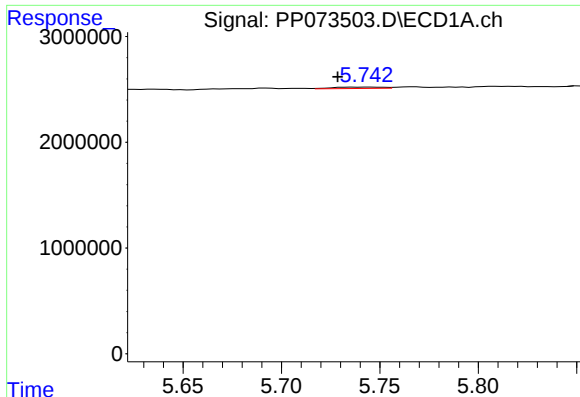
#4 AR-1016-2

R.T.: 5.692 min
Delta R.T.: 0.026 min
Response: 189887
Conc: 2.29 ng/ml



#4 AR-1016-2

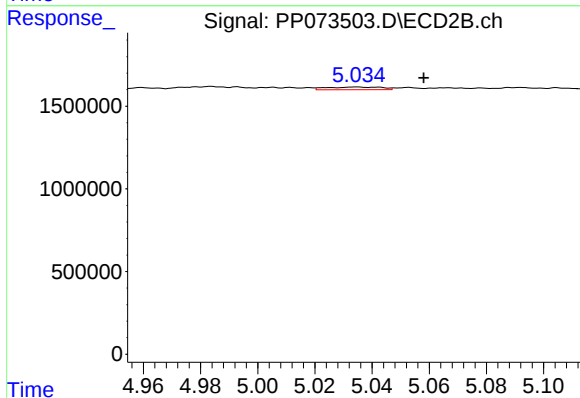
R.T.: 4.864 min
Delta R.T.: -0.018 min
Response: 483018
Conc: 5.07 ng/ml



#5 AR-1016-3

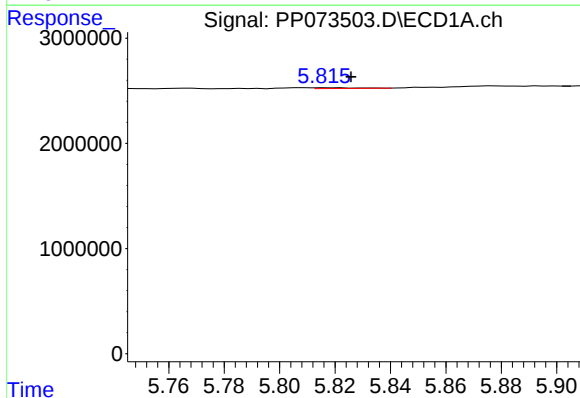
R.T.: 5.744 min
Delta R.T.: 0.016 min
Response: 229976
Conc: 4.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



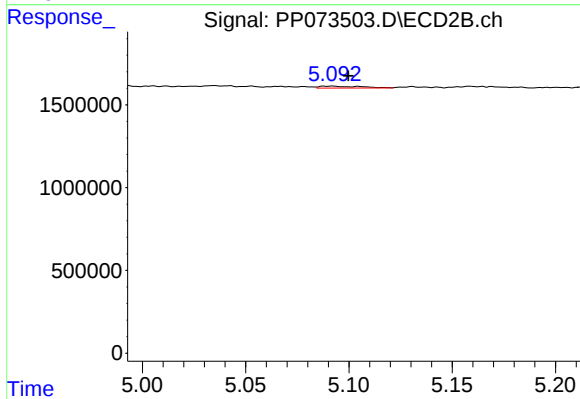
#5 AR-1016-3

R.T.: 5.035 min
Delta R.T.: -0.024 min
Response: 217801
Conc: 4.32 ng/ml



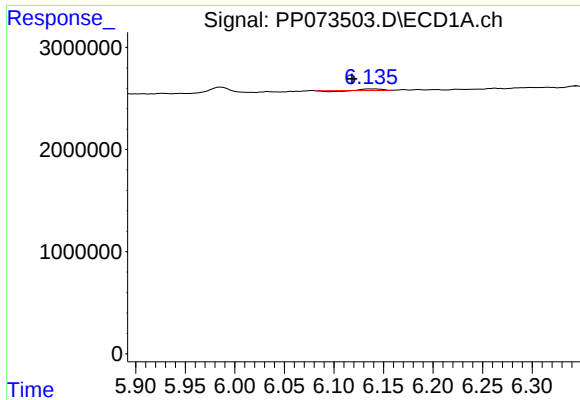
#6 AR-1016-4

R.T.: 5.817 min
Delta R.T.: -0.009 min
Response: 70112
Conc: 1.59 ng/ml



#6 AR-1016-4

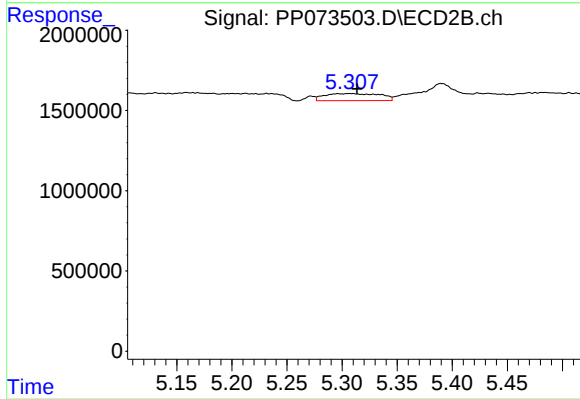
R.T.: 5.092 min
Delta R.T.: -0.008 min
Response: 161270
Conc: 3.97 ng/ml



#7 AR-1016-5

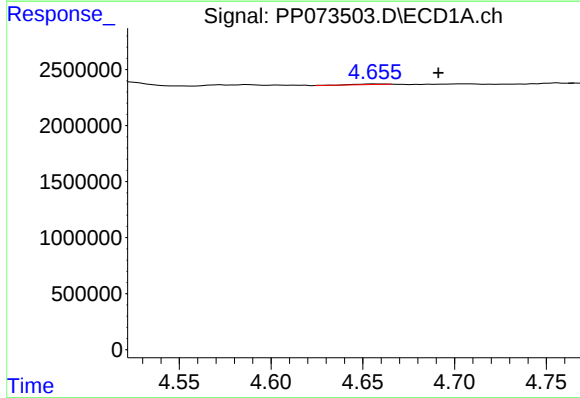
R.T.: 6.136 min
Delta R.T.: 0.018 min
Response: 108857
Conc: 2.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



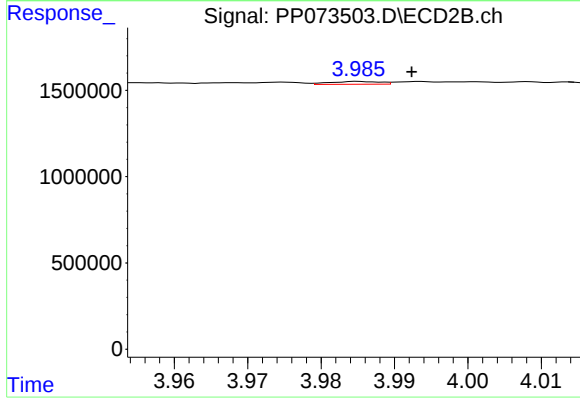
#7 AR-1016-5

R.T.: 5.307 min
Delta R.T.: -0.007 min
Response: 1563484
Conc: 30.51 ng/ml



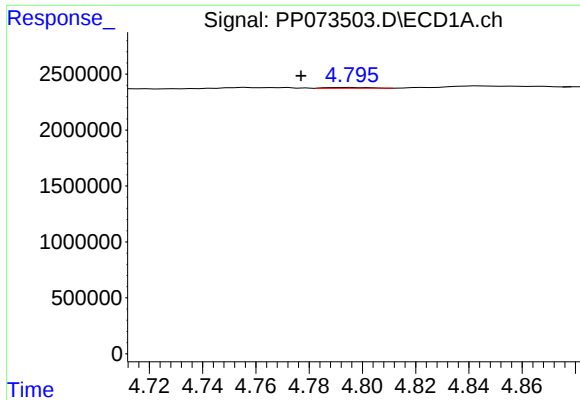
#8 AR-1221-1

R.T.: 4.657 min
Delta R.T.: -0.034 min
Response: 71786
Conc: 3.80 ng/ml



#8 AR-1221-1

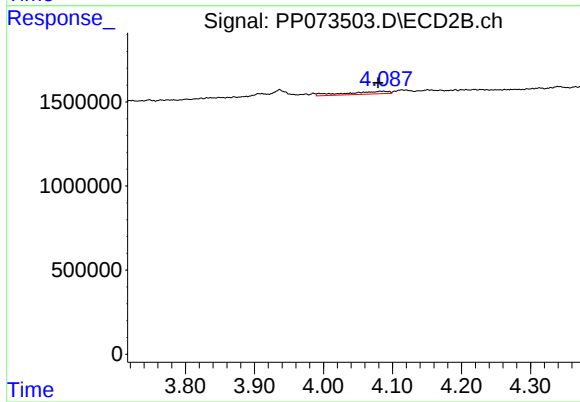
R.T.: 3.985 min
Delta R.T.: -0.007 min
Response: 77248
Conc: 2.87 ng/ml



#9 AR-1221-2

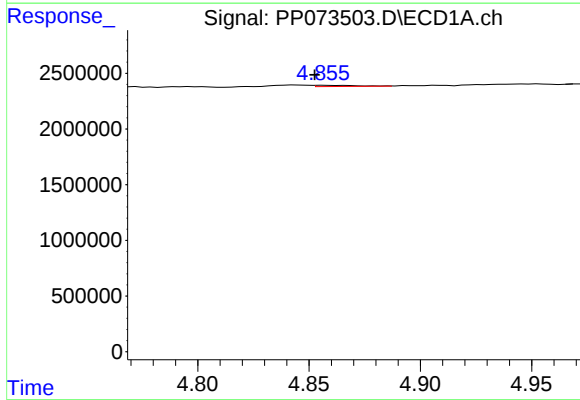
R.T.: 4.796 min
Delta R.T.: 0.019 min
Response: 81846
Conc: 5.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



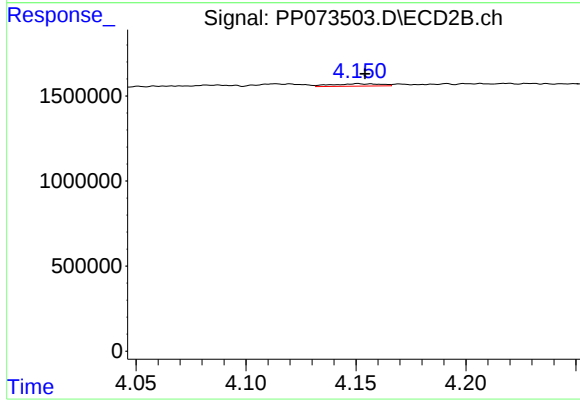
#9 AR-1221-2

R.T.: 4.087 min
Delta R.T.: 0.008 min
Response: 705577
Conc: 34.32 ng/ml



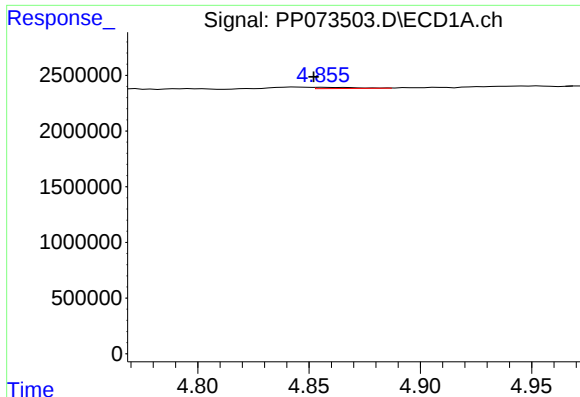
#10 AR-1221-3

R.T.: 4.857 min
Delta R.T.: 0.004 min
Response: 139724
Conc: 2.70 ng/ml



#10 AR-1221-3

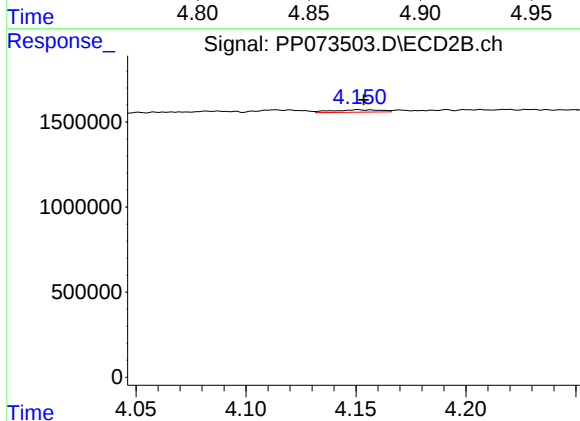
R.T.: 4.151 min
Delta R.T.: -0.003 min
Response: 220354
Conc: 3.63 ng/ml



#11 AR-1232-1

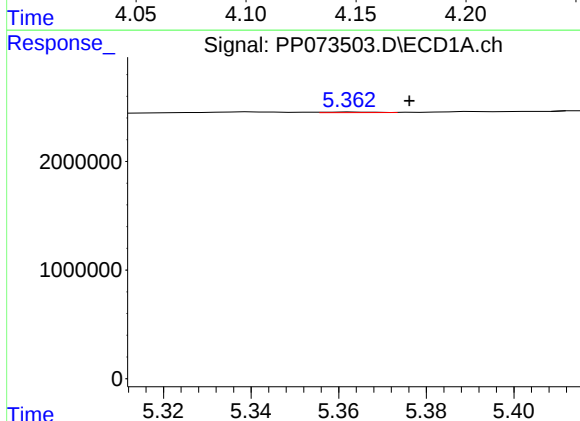
R.T.: 4.857 min
Delta R.T.: 0.005 min
Response: 139724
Conc: 3.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



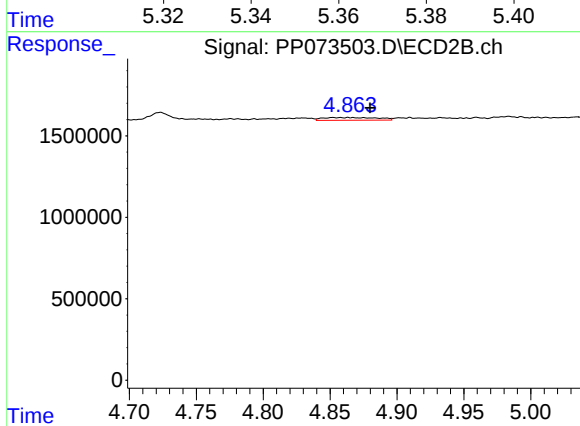
#11 AR-1232-1

R.T.: 4.151 min
Delta R.T.: -0.003 min
Response: 220354
Conc: 4.68 ng/ml



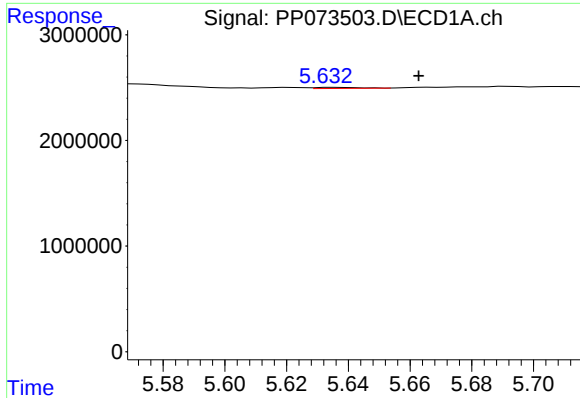
#12 AR-1232-2

R.T.: 5.364 min
Delta R.T.: -0.012 min
Response: 43810
Conc: 2.13 ng/ml



#12 AR-1232-2

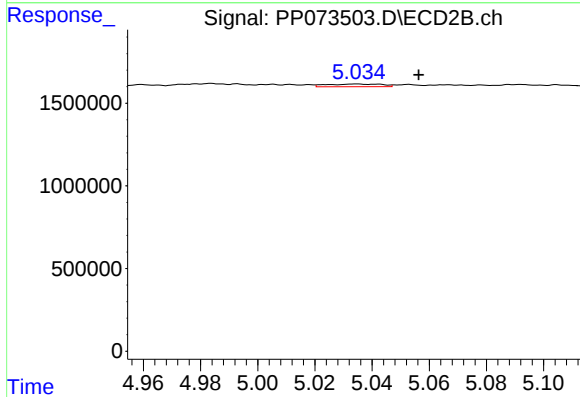
R.T.: 4.864 min
Delta R.T.: -0.016 min
Response: 483018
Conc: 10.28 ng/ml



#13 AR-1232-3

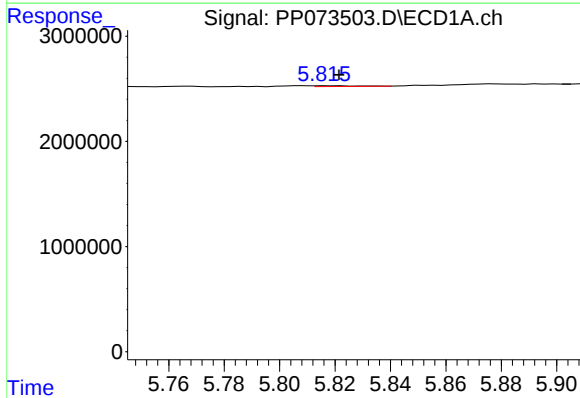
R.T.: 5.635 min
Delta R.T.: -0.027 min
Response: 93943
Conc: 2.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



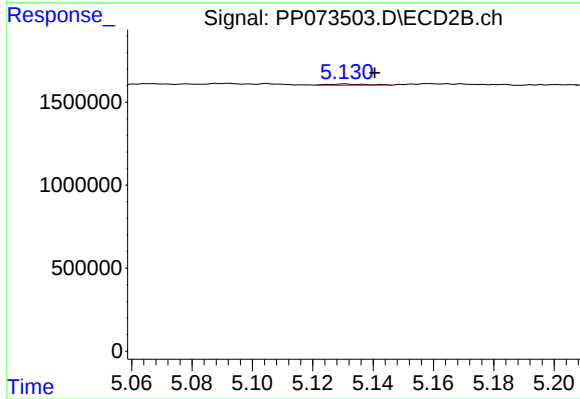
#13 AR-1232-3

R.T.: 5.035 min
Delta R.T.: -0.022 min
Response: 217801
Conc: 8.79 ng/ml



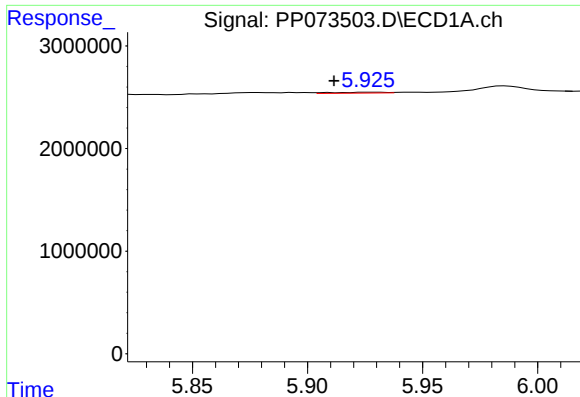
#14 AR-1232-4

R.T.: 5.817 min
Delta R.T.: -0.004 min
Response: 70112
Conc: 3.25 ng/ml



#14 AR-1232-4

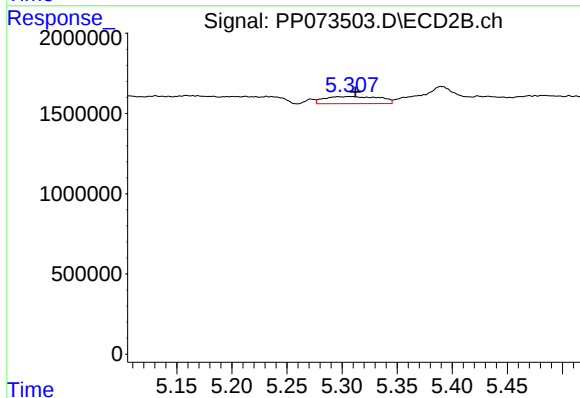
R.T.: 5.131 min
Delta R.T.: -0.010 min
Response: 65185
Conc: 3.04 ng/ml



#15 AR-1232-5

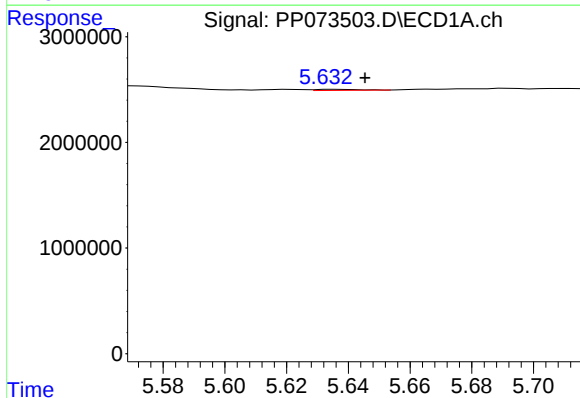
R.T.: 5.928 min
Delta R.T.: 0.016 min
Response: 142426
Conc: 10.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



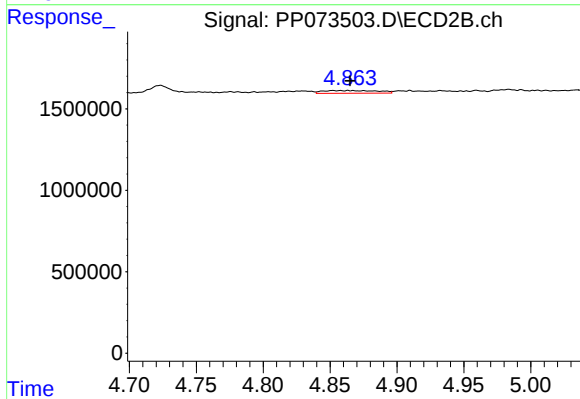
#15 AR-1232-5

R.T.: 5.307 min
Delta R.T.: -0.006 min
Response: 1563484
Conc: 66.90 ng/ml



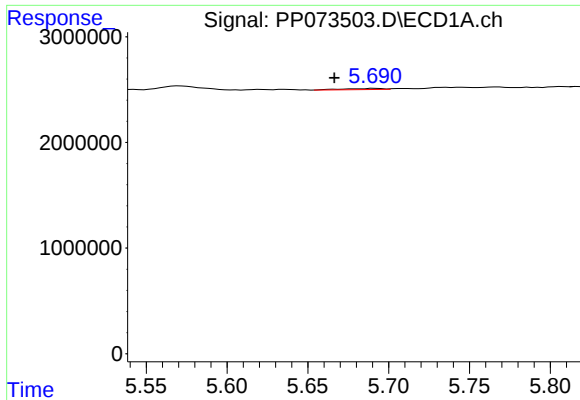
#16 AR-1242-1

R.T.: 5.635 min
Delta R.T.: -0.010 min
Response: 93943
Conc: 1.85 ng/ml



#16 AR-1242-1

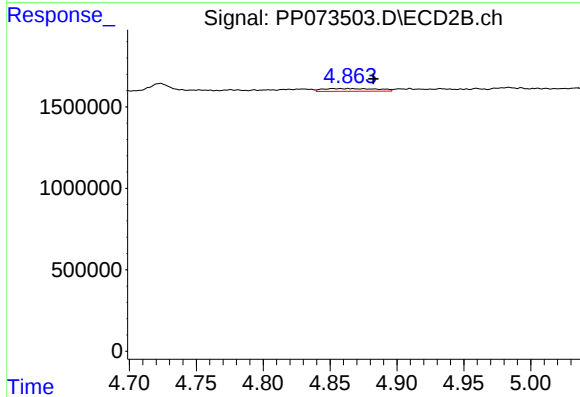
R.T.: 4.864 min
Delta R.T.: -0.001 min
Response: 483018
Conc: 8.27 ng/ml



#17 AR-1242-2

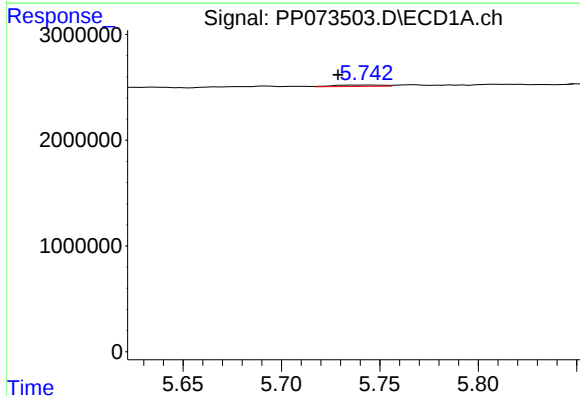
R.T.: 5.692 min
Delta R.T.: 0.025 min
Response: 189887
Conc: 2.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



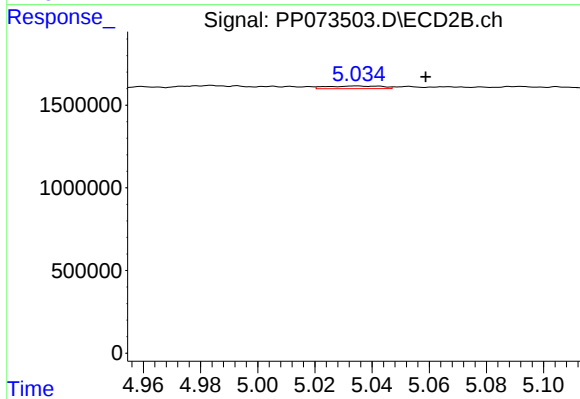
#17 AR-1242-2

R.T.: 4.864 min
Delta R.T.: -0.019 min
Response: 483018
Conc: 5.60 ng/ml



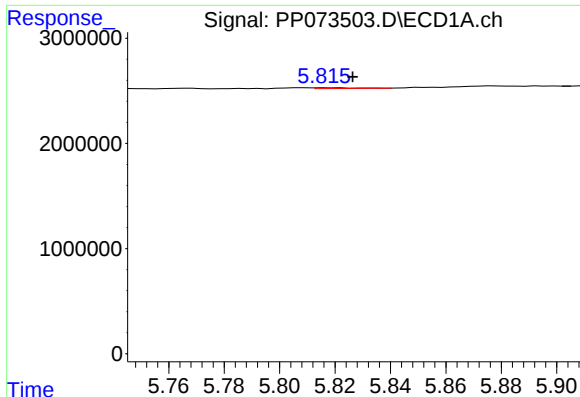
#18 AR-1242-3

R.T.: 5.744 min
Delta R.T.: 0.016 min
Response: 229976
Conc: 4.79 ng/ml



#18 AR-1242-3

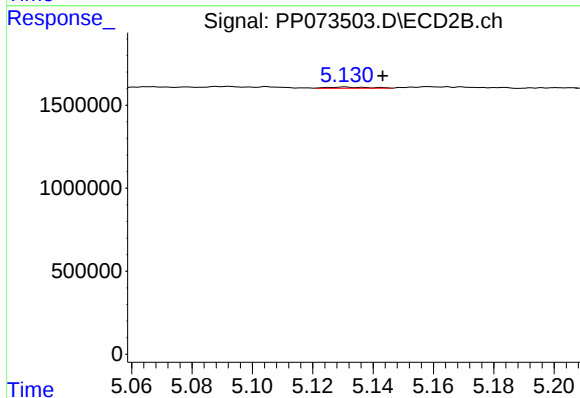
R.T.: 5.035 min
Delta R.T.: -0.024 min
Response: 217801
Conc: 4.75 ng/ml



#19 AR-1242-4

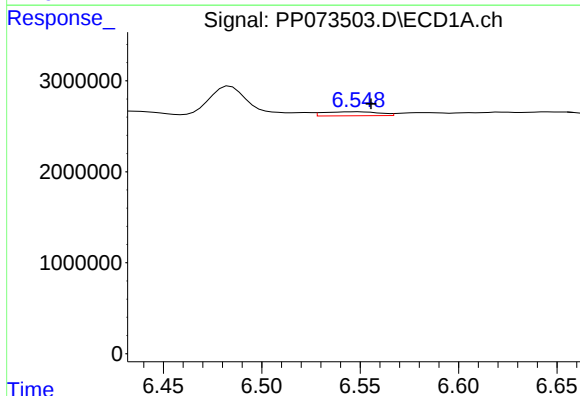
R.T.: 5.817 min
Delta R.T.: -0.009 min
Response: 70112
Conc: 1.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



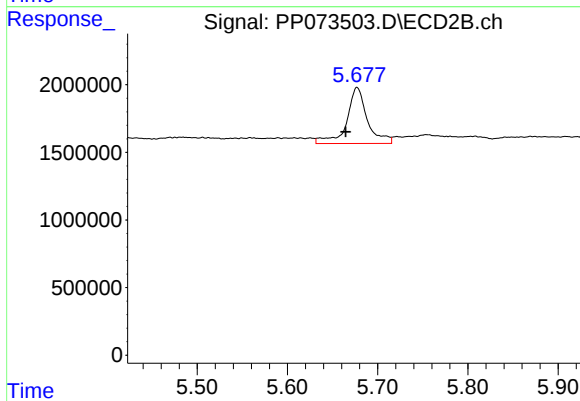
#19 AR-1242-4

R.T.: 5.131 min
Delta R.T.: -0.013 min
Response: 65185
Conc: 1.48 ng/ml



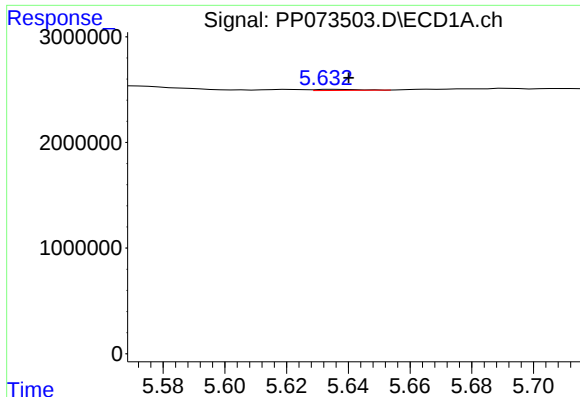
#20 AR-1242-5

R.T.: 6.549 min
Delta R.T.: -0.007 min
Response: 868600
Conc: 20.44 ng/ml



#20 AR-1242-5

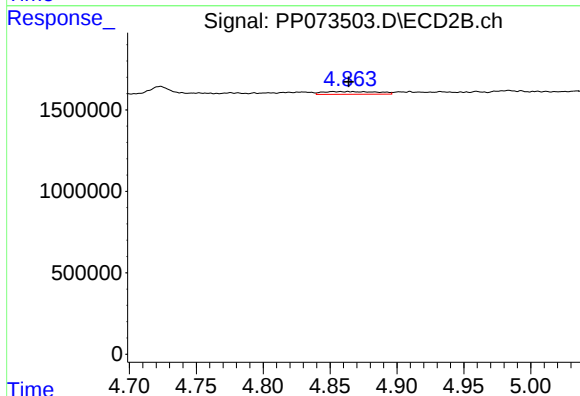
R.T.: 5.677 min
Delta R.T.: 0.012 min
Response: 6539507
Conc: 119.52 ng/ml



#21 AR-1248-1

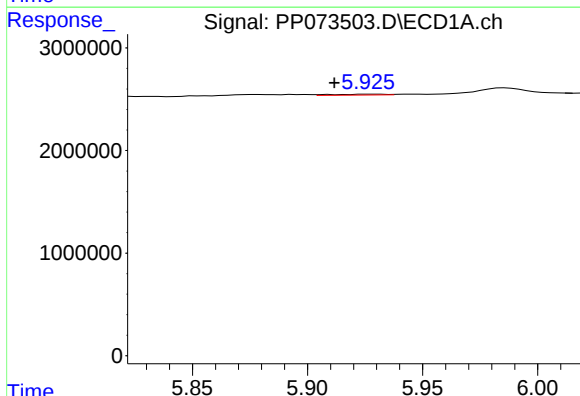
R.T.: 5.635 min
Delta R.T.: -0.005 min
Response: 93943
Conc: 2.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



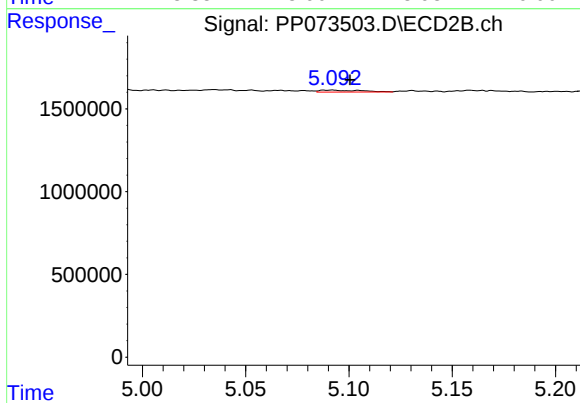
#21 AR-1248-1

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 483018
Conc: 10.98 ng/ml



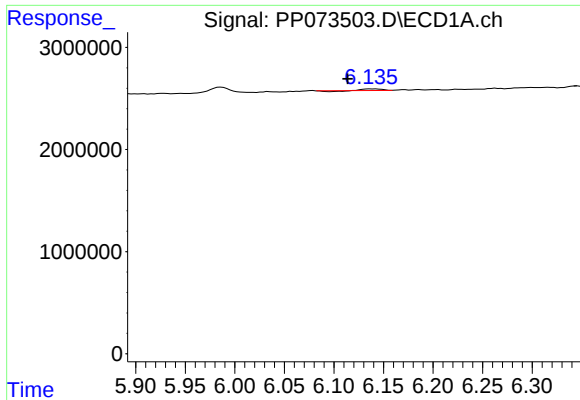
#22 AR-1248-2

R.T.: 5.928 min
Delta R.T.: 0.016 min
Response: 142426
Conc: 2.76 ng/ml



#22 AR-1248-2

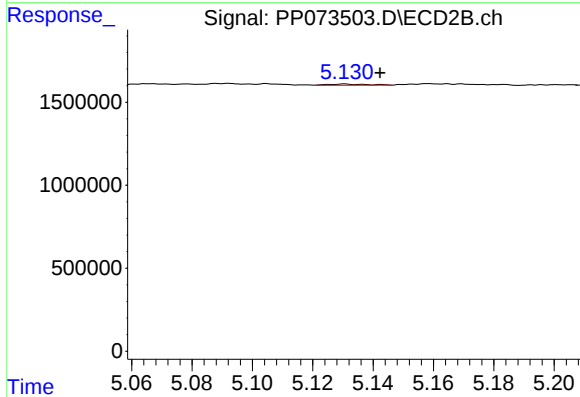
R.T.: 5.092 min
Delta R.T.: -0.009 min
Response: 161270
Conc: 2.74 ng/ml



#23 AR-1248-3

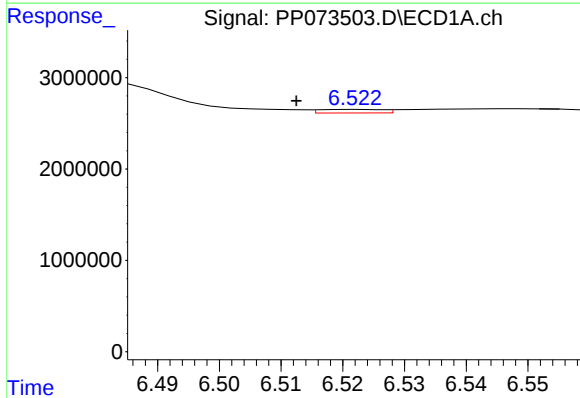
R.T.: 6.136 min
Delta R.T.: 0.022 min
Response: 108857
Conc: 1.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



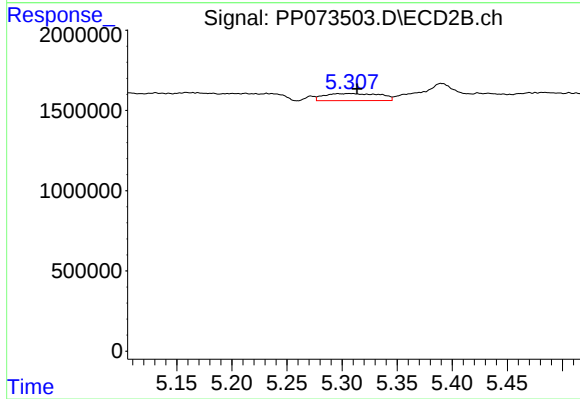
#23 AR-1248-3

R.T.: 5.131 min
Delta R.T.: -0.012 min
Response: 65185
Conc: 1.08 ng/ml



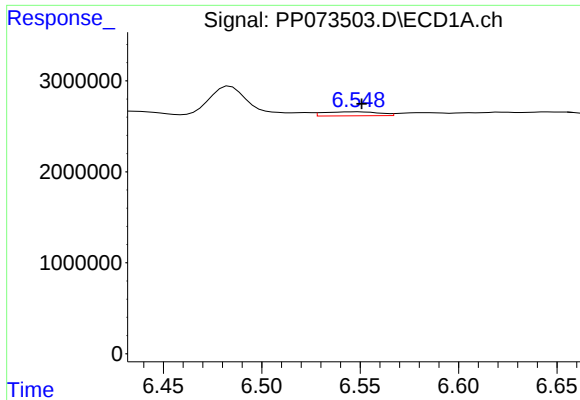
#24 AR-1248-4

R.T.: 6.523 min
Delta R.T.: 0.010 min
Response: 278502
Conc: 3.96 ng/ml



#24 AR-1248-4

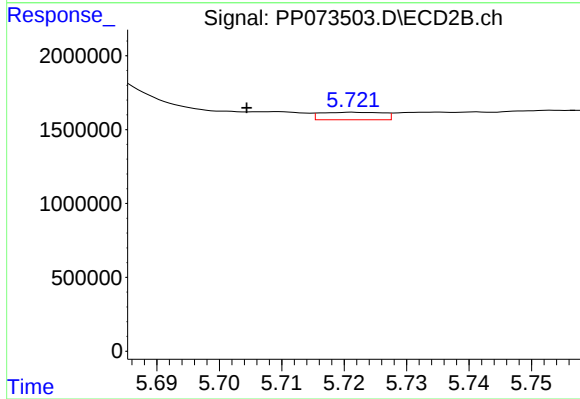
R.T.: 5.307 min
Delta R.T.: -0.007 min
Response: 1563484
Conc: 21.92 ng/ml



#25 AR-1248-5

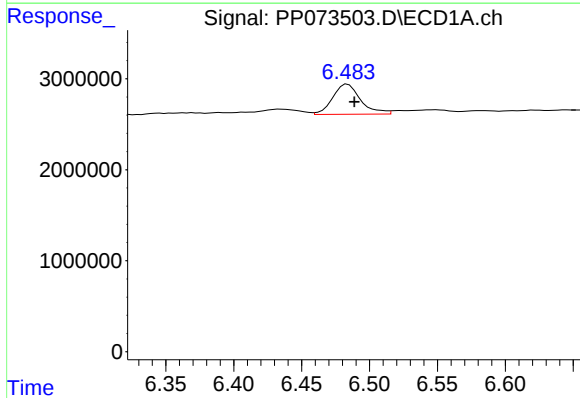
R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 868600
Conc: 12.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



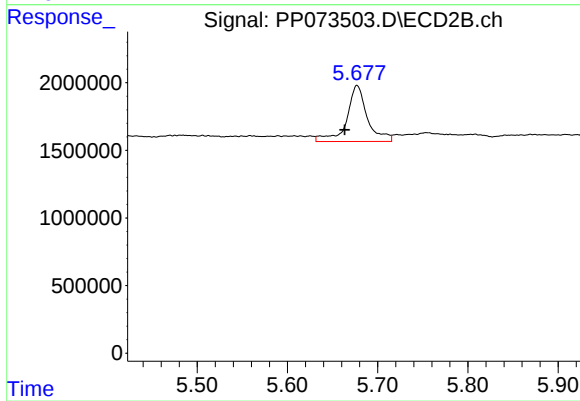
#25 AR-1248-5

R.T.: 5.721 min
Delta R.T.: 0.017 min
Response: 353467
Conc: 4.81 ng/ml



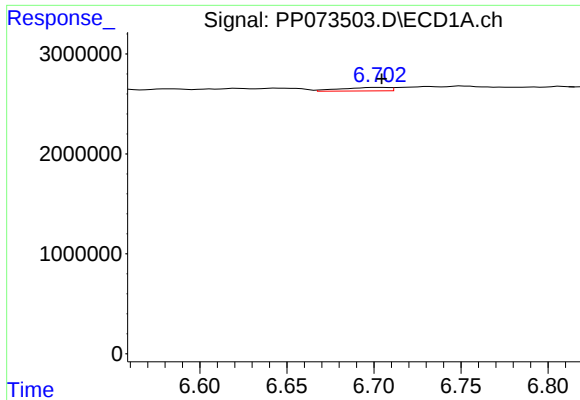
#26 AR-1254-1

R.T.: 6.484 min
Delta R.T.: -0.005 min
Response: 4765636
Conc: 67.19 ng/ml



#26 AR-1254-1

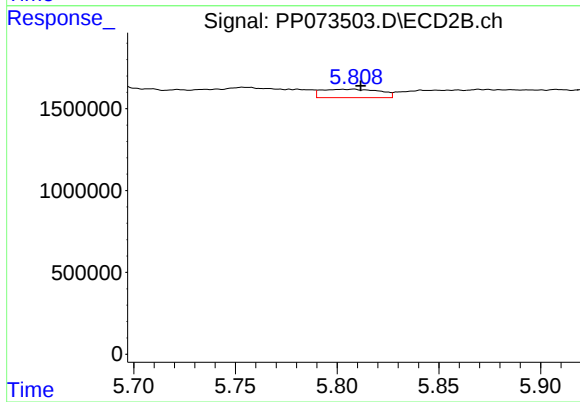
R.T.: 5.677 min
Delta R.T.: 0.014 min
Response: 6539507
Conc: 59.70 ng/ml



#27 AR-1254-2

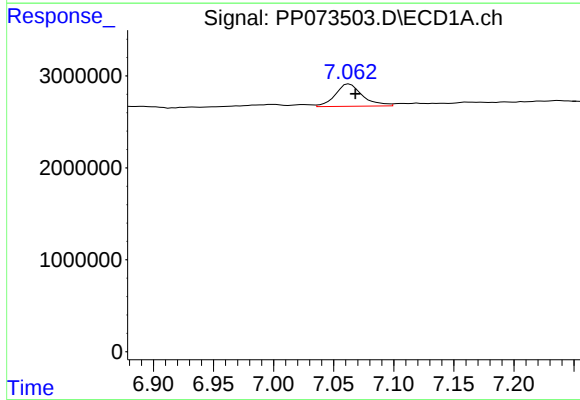
R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 675092
Conc: 6.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



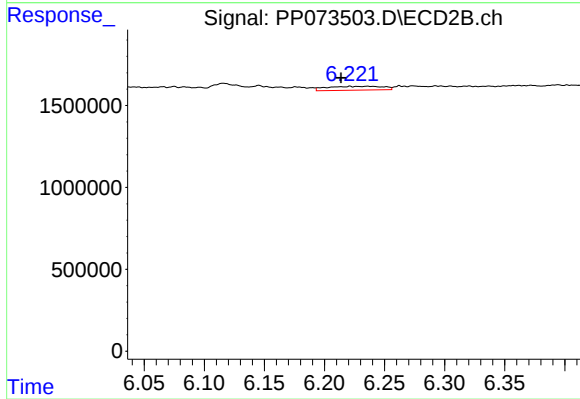
#27 AR-1254-2

R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 1019589
Conc: 10.51 ng/ml



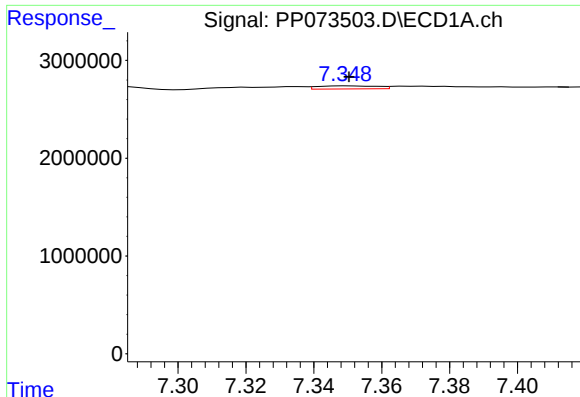
#28 AR-1254-3

R.T.: 7.063 min
Delta R.T.: -0.005 min
Response: 3845999
Conc: 33.83 ng/ml



#28 AR-1254-3

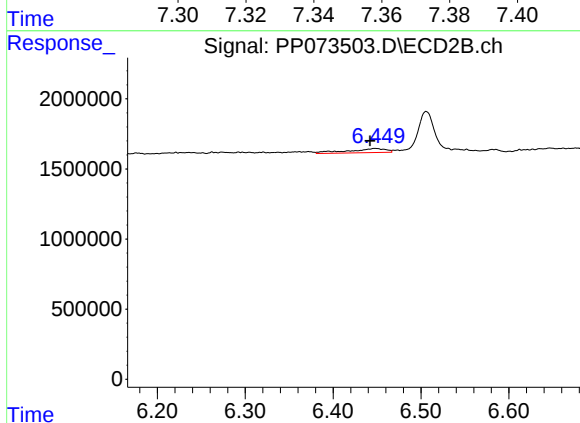
R.T.: 6.221 min
Delta R.T.: 0.008 min
Response: 778663
Conc: 5.28 ng/ml



#29 AR-1254-4

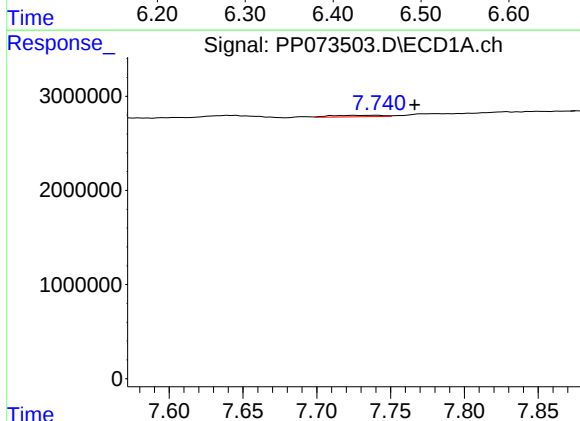
R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 375022
Conc: 3.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



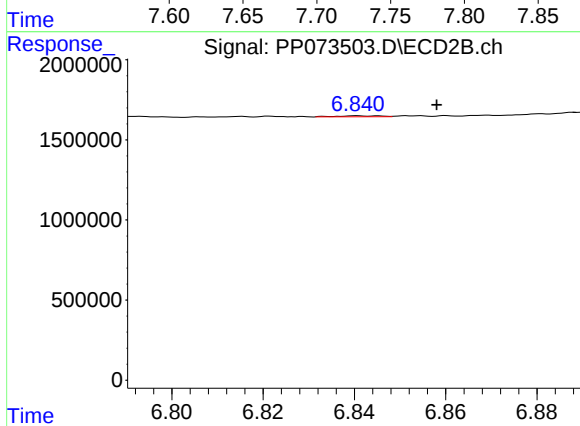
#29 AR-1254-4

R.T.: 6.448 min
Delta R.T.: 0.006 min
Response: 865543
Conc: 9.59 ng/ml



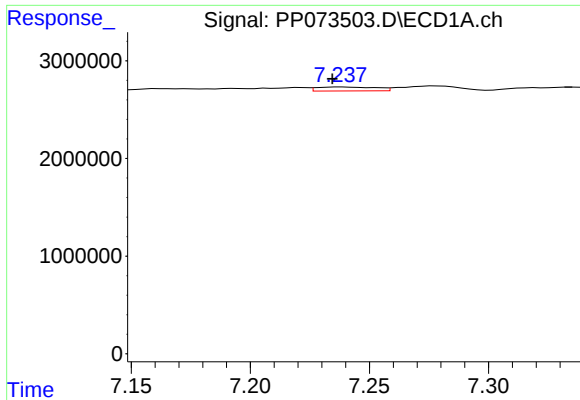
#30 AR-1254-5

R.T.: 7.741 min
Delta R.T.: -0.025 min
Response: 392665
Conc: 4.14 ng/ml



#30 AR-1254-5

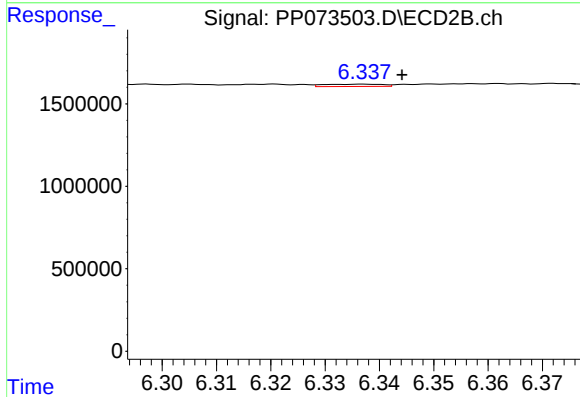
R.T.: 6.841 min
Delta R.T.: -0.017 min
Response: 37801
Conc: 0.28 ng/ml



#31 AR-1260-1

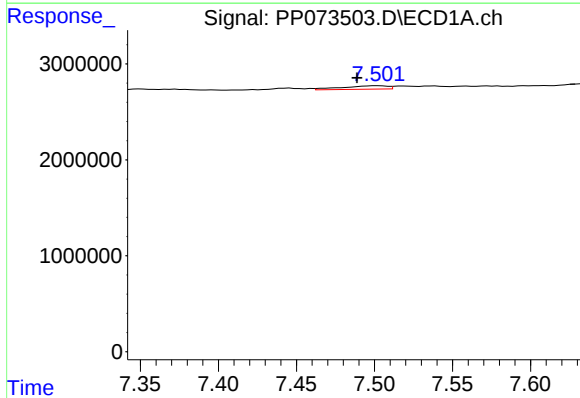
R.T.: 7.238 min
Delta R.T.: 0.004 min
Response: 700852
Conc: 9.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



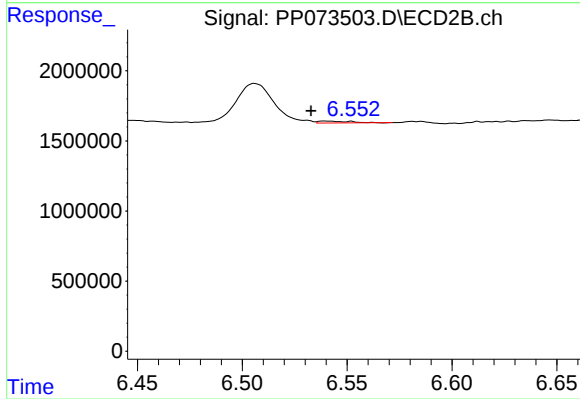
#31 AR-1260-1

R.T.: 6.337 min
Delta R.T.: -0.007 min
Response: 102650
Conc: 1.11 ng/ml



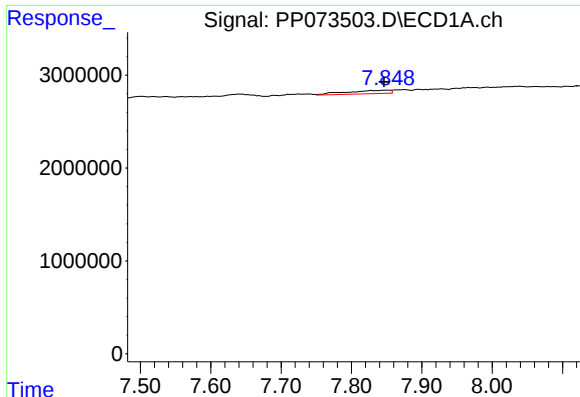
#32 AR-1260-2

R.T.: 7.502 min
Delta R.T.: 0.013 min
Response: 726240
Conc: 6.91 ng/ml



#32 AR-1260-2

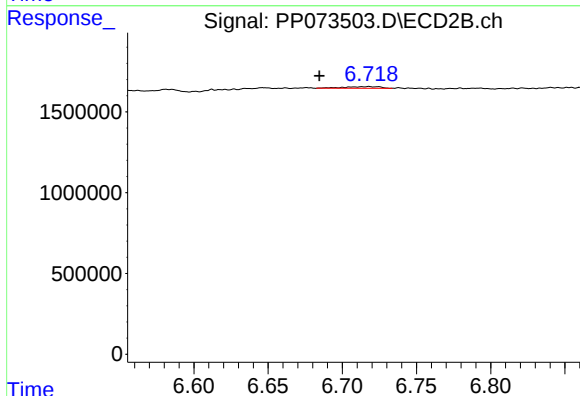
R.T.: 6.540 min
Delta R.T.: 0.007 min
Response: 153341
Conc: 1.24 ng/ml



#33 AR-1260-3

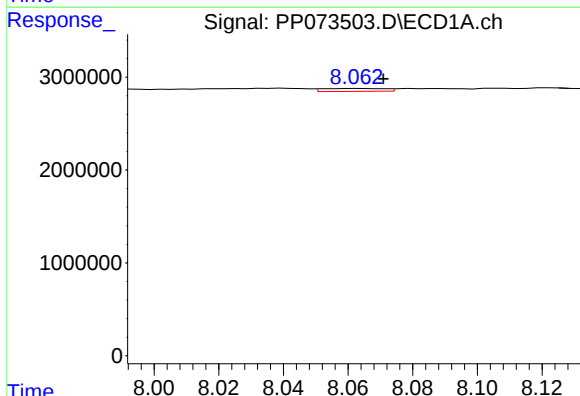
R.T.: 7.851 min
Delta R.T.: 0.005 min
Response: 1564566
Conc: 16.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



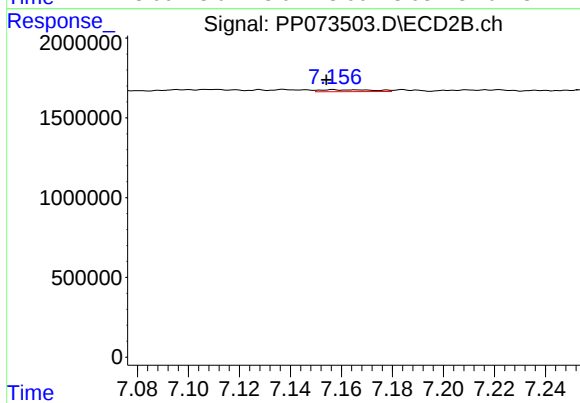
#33 AR-1260-3

R.T.: 6.718 min
Delta R.T.: 0.034 min
Response: 174738
Conc: 1.75 ng/ml



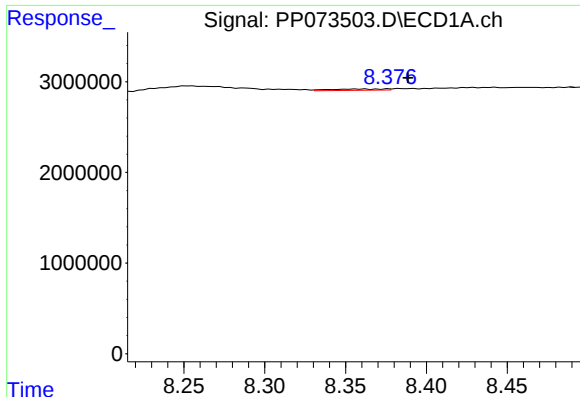
#34 AR-1260-4

R.T.: 8.064 min
Delta R.T.: -0.006 min
Response: 413257
Conc: 4.68 ng/ml



#34 AR-1260-4

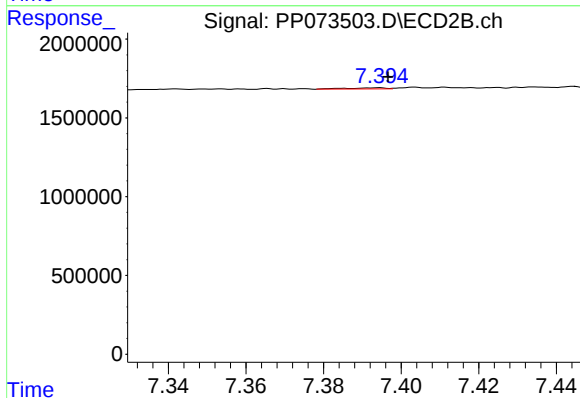
R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 179343
Conc: 2.07 ng/ml



#35 AR-1260-5

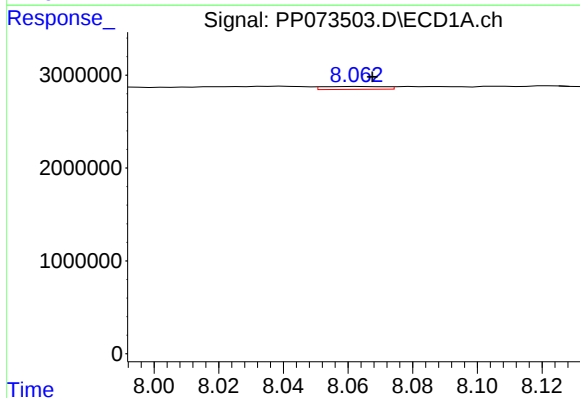
R.T.: 8.356 min
Delta R.T.: -0.032 min
Response: 315147
Conc: 1.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



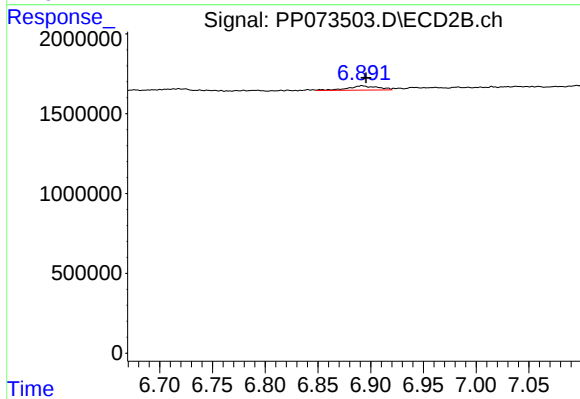
#35 AR-1260-5

R.T.: 7.394 min
Delta R.T.: -0.003 min
Response: 53850
Conc: 0.25 ng/ml



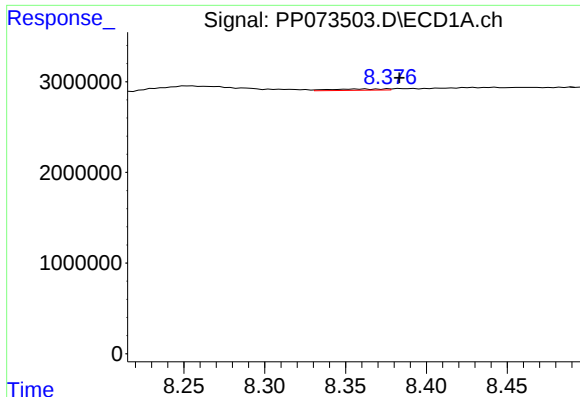
#36 AR-1262-1

R.T.: 8.064 min
Delta R.T.: -0.003 min
Response: 413257
Conc: 3.59 ng/ml



#36 AR-1262-1

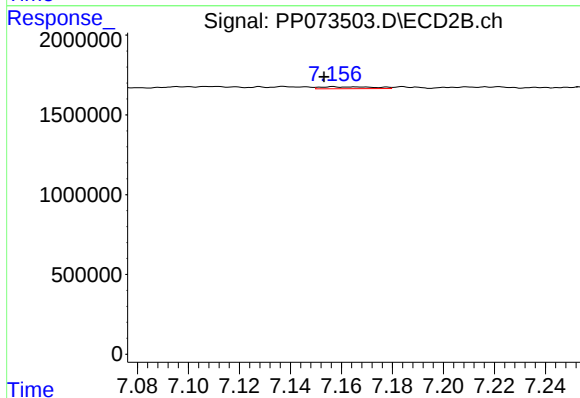
R.T.: 6.892 min
Delta R.T.: -0.004 min
Response: 550912
Conc: 3.67 ng/ml



#37 AR-1262-2

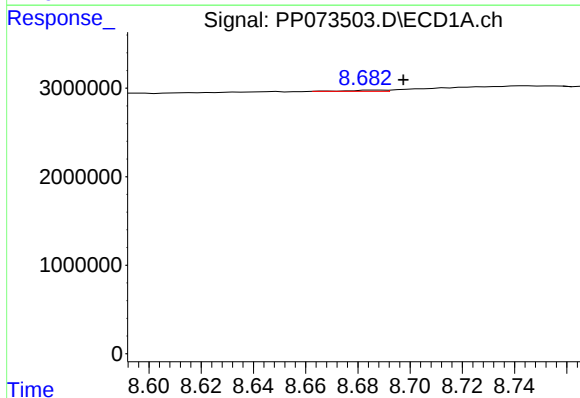
R.T.: 8.356 min
Delta R.T.: -0.027 min
Response: 315147
Conc: 1.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



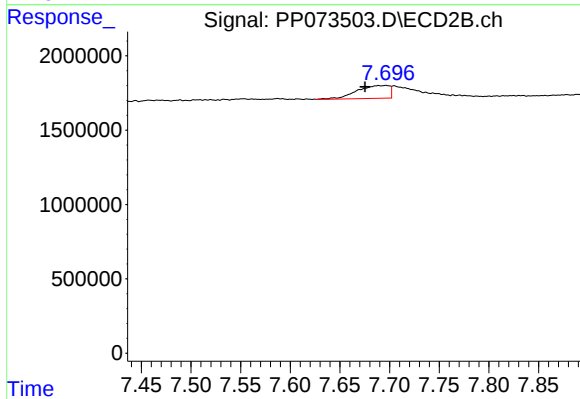
#37 AR-1262-2

R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 179343
Conc: 1.44 ng/ml



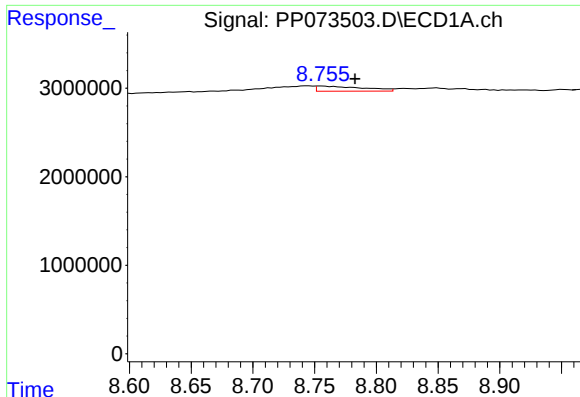
#38 AR-1262-3

R.T.: 8.686 min
Delta R.T.: -0.011 min
Response: 130072
Conc: 0.80 ng/ml



#38 AR-1262-3

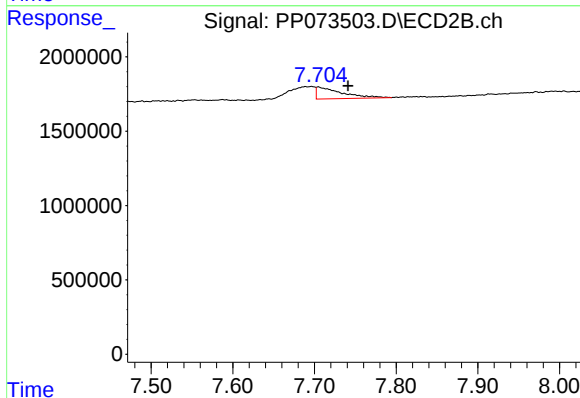
R.T.: 7.696 min
Delta R.T.: 0.021 min
Response: 1985888
Conc: 17.87 ng/ml



#39 AR-1262-4

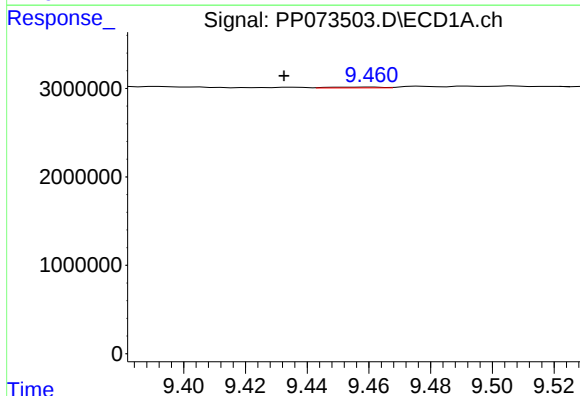
R.T.: 8.756 min
Delta R.T.: -0.027 min
Response: 1502919
Conc: 12.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



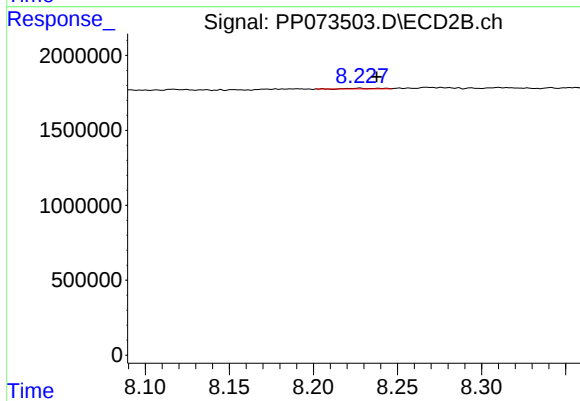
#39 AR-1262-4

R.T.: 7.704 min
Delta R.T.: -0.037 min
Response: 1729485
Conc: 9.49 ng/ml



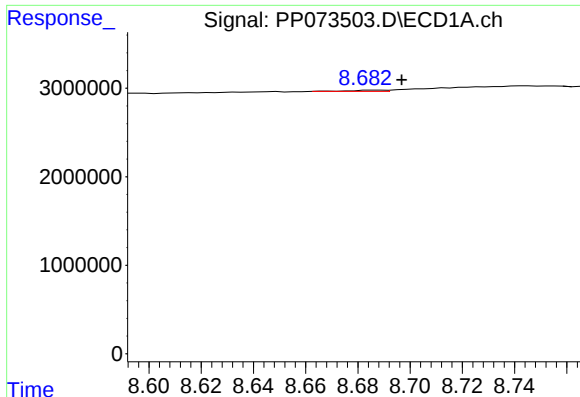
#40 AR-1262-5

R.T.: 9.461 min
Delta R.T.: 0.028 min
Response: 101711
Conc: 1.17 ng/ml



#40 AR-1262-5

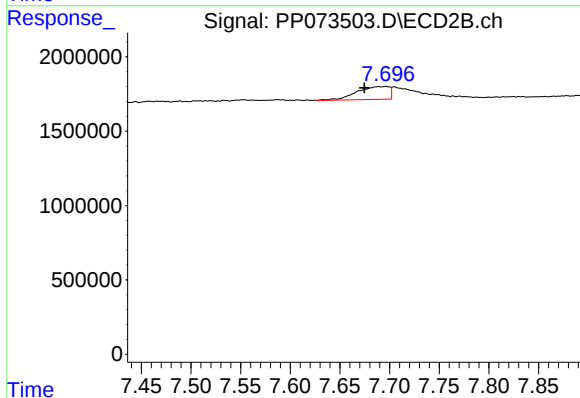
R.T.: 8.227 min
Delta R.T.: -0.010 min
Response: 53265
Conc: 0.61 ng/ml



#41 AR-1268-1

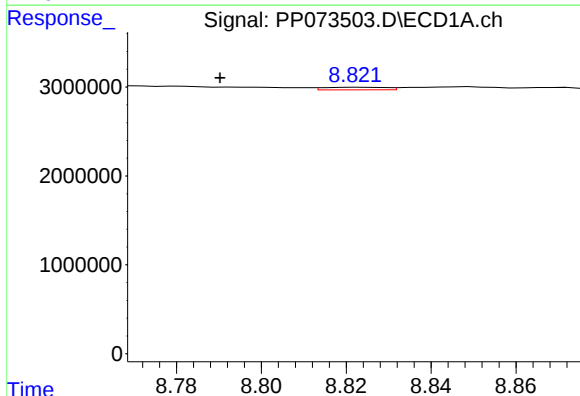
R.T.: 8.686 min
Delta R.T.: -0.011 min
Response: 130072
Conc: 0.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



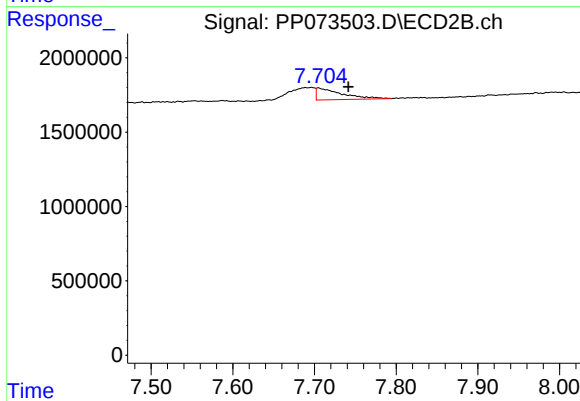
#41 AR-1268-1

R.T.: 7.696 min
Delta R.T.: 0.022 min
Response: 1985888
Conc: 6.72 ng/ml



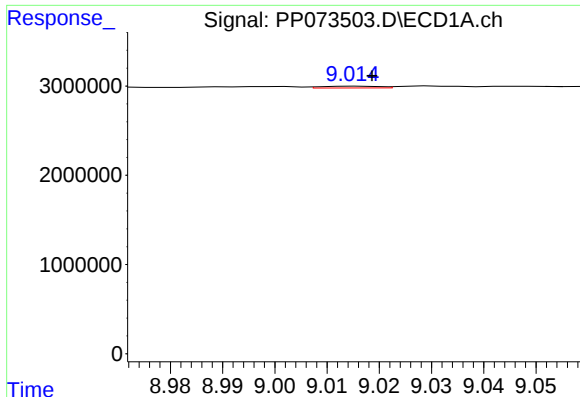
#42 AR-1268-2

R.T.: 8.823 min
Delta R.T.: 0.033 min
Response: 295534
Conc: 1.18 ng/ml



#42 AR-1268-2

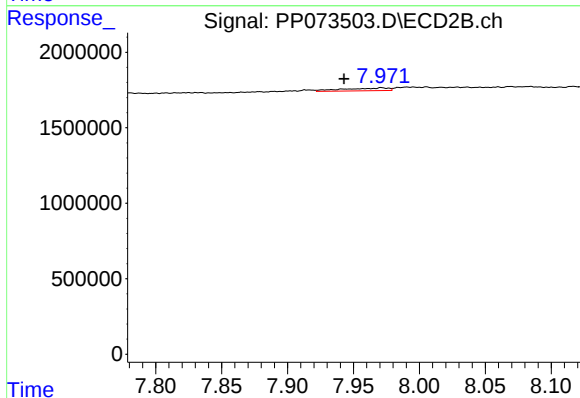
R.T.: 7.704 min
Delta R.T.: -0.037 min
Response: 1729485
Conc: 6.60 ng/ml



#43 AR-1268-3

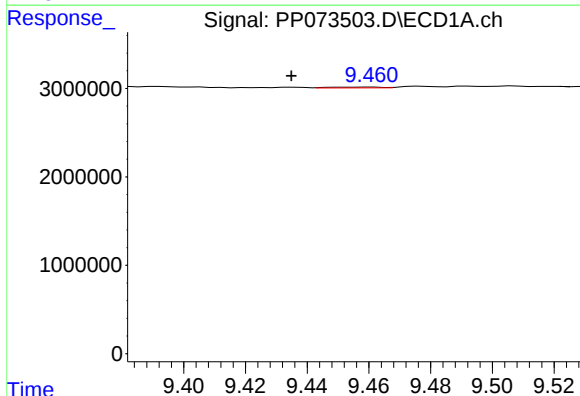
R.T.: 9.016 min
Delta R.T.: -0.003 min
Response: 153622
Conc: 0.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



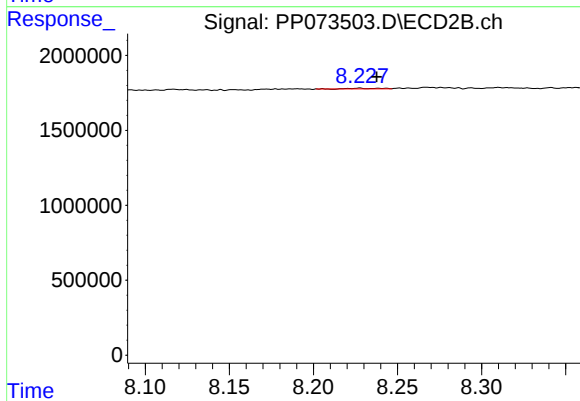
#43 AR-1268-3

R.T.: 7.971 min
Delta R.T.: 0.028 min
Response: 431269
Conc: 1.97 ng/ml



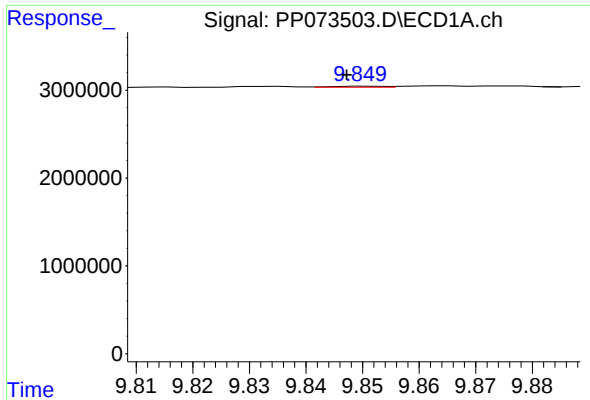
#44 AR-1268-4

R.T.: 9.461 min
Delta R.T.: 0.026 min
Response: 101711
Conc: 1.06 ng/ml



#44 AR-1268-4

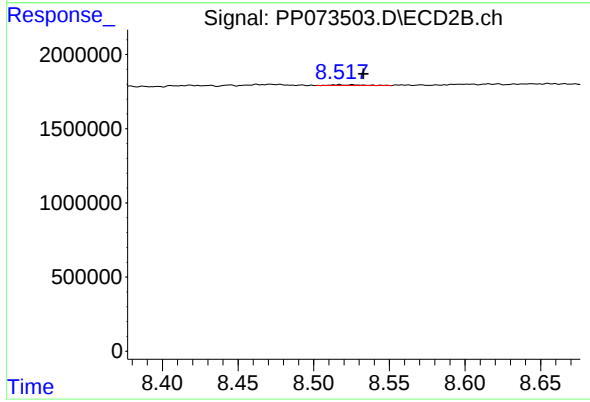
R.T.: 8.227 min
Delta R.T.: -0.010 min
Response: 53265
Conc: 0.56 ng/ml



#45 AR-1268-5

R.T.: 9.851 min
Delta R.T.: 0.004 min
Response: 82610
Conc: 0.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 8.517 min
Delta R.T.: -0.016 min
Response: 79296
Conc: 0.13 ng/ml