

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010924\
 Data File : P0100992.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2024 09:51
 Operator : YP/AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 01:06:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 21 04:28:19 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...	4.348	3.670	28837	40245	0.009	0.020 #
2)	SA Decachlor...	10.077	8.707	12966	266046	0.006	0.176 #
Target Compounds							
3)	L1 AR-1016-1	5.543	4.740	348966	193372	4.066	3.125
4)	L1 AR-1016-2	5.543	4.755	348966	71544	2.734	0.811 #
5)	L1 AR-1016-3	5.599	4.937	105609	404213	1.339	8.653 #
6)	L1 AR-1016-4	5.695	4.999	31035	1770541	0.509	43.144 #
7)	L1 AR-1016-5	5.999	5.198	64025	5390989	1.046	103.779 #
8)	L2 AR-1221-1	4.556	3.865	24280	170458	0.657	6.788 #
9)	L2 AR-1221-2	4.658	3.941	334486	61474	12.044	3.201 #
10)	L2 AR-1221-3	4.720	4.040	26482	107747	0.317	1.831 #
11)	L3 AR-1232-1	4.720	4.040	26482	107747	0.397	2.279 #
12)	L3 AR-1232-2	5.218	4.755	161772	71544	4.614	1.715 #
13)	L3 AR-1232-3	5.543	4.937	348966	404213	5.849	18.841 #
14)	L3 AR-1232-4	5.695	5.021	31035	822222	1.132	38.698 #
15)	L3 AR-1232-5	5.799	5.198	228785	5390989	9.516	246.687 #
16)	L4 AR-1242-1	5.543	4.740	348966	193372	4.948	3.702 #
17)	L4 AR-1242-2	5.543	4.755	348966	71544	3.325	0.987 #
18)	L4 AR-1242-3	5.599	4.937	105609	404213	1.625	10.549 #
19)	L4 AR-1242-4	5.695	5.021	31035	822222	0.620	19.726 #
20)	L4 AR-1242-5	6.453	5.569	5953561	8457912	115.030	184.290 #
21)	L5 AR-1248-1	5.543	4.740	348966	193372	6.361	4.836
22)	L5 AR-1248-2	5.799	4.999	228785	1770541	2.649	29.429 #
23)	L5 AR-1248-3	5.999	5.021	64025	822222	0.729	13.154 #
24)	L5 AR-1248-4	6.399	5.198	1796807	5390989	19.985	74.843 #
25)	L5 AR-1248-5	6.453	5.601	5953561	2382825	66.327	38.625 #
26)	L6 AR-1254-1	6.377	5.569	2764032	8457912	26.294	82.412 #
27)	L6 AR-1254-2	6.591	5.688	473605	4101674	3.207	44.646 #
28)	L6 AR-1254-3	6.957	6.119	4042959	2199440	28.873	16.263 #
29)	L6 AR-1254-4	7.257	6.338	210916	1032344	2.481	14.312 #
30)	L6 AR-1254-5	7.661	6.748	286802	179349	2.424	1.557 #
31)	L7 AR-1260-1	7.109	6.239	1849466	285532	13.500	2.998 #
32)	L7 AR-1260-2	7.395	6.407	5826389	2775951	46.326	25.827 #
33)	L7 AR-1260-3	7.736	6.551	221722	1694148	2.289	16.529 #
34)	L7 AR-1260-4	7.987	7.058	477596	145263	4.526	1.782 #
35)	L7 AR-1260-5	8.259	7.305	200694	45456	0.951	0.252 #
36)	L8 AR-1262-1	7.661	6.748	286802	179349	2.871	2.875
37)	L8 AR-1262-2	8.259	7.058	200694	145263	0.846	1.285 #
38)	L8 AR-1262-3	8.617	7.586	423566	195107	2.608	2.534
39)	L8 AR-1262-4	8.682	7.648	149183	290864	1.157	1.969 #
40)	L8 AR-1262-5	9.373	8.132	83694	129330	1.049	2.022 #
41)	L9 AR-1268-1	8.617	7.586	423566	195107	1.499	0.880 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010924\
Data File : P0100992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jan 2024 09:51
Operator : YP/AJ
Sample : HEXANE
Misc :
ALS Vial : 1 Sample Multiplier: 1

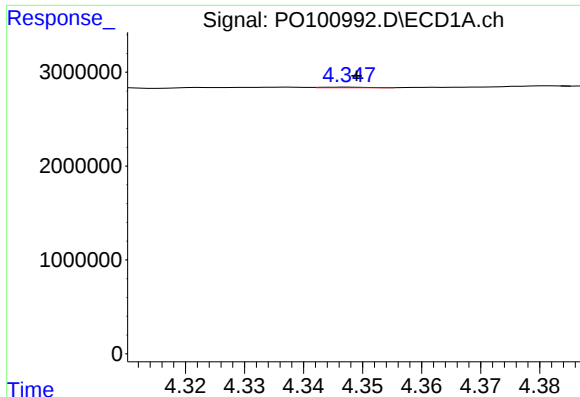
Instrument :
ECD_O
ClientSampleId :
HEXANE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 10 01:06:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122023.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Dec 21 04:28:19 2023
Response via : Initial Calibration
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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	8.682	7.648	149183	290864	0.590	1.438 #
43)	L9 AR-1268-3	8.927	7.863	50191	50796	0.220	0.269
44)	L9 AR-1268-4	9.373	8.132	83694	129330	1.069	1.926 #
45)	L9 AR-1268-5	9.750	8.427	33402	334396	0.047	0.645 #

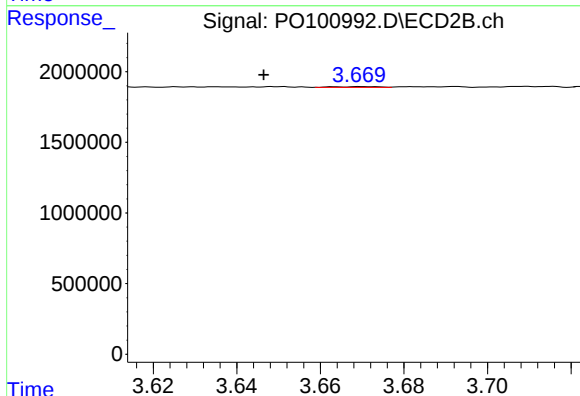
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

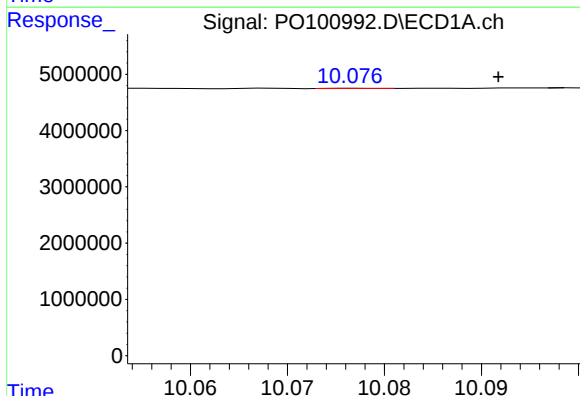
R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 28837
Conc: 0.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



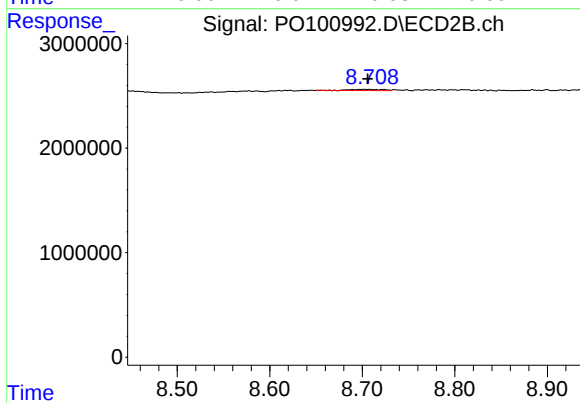
#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: 0.023 min
Response: 40245
Conc: 0.02 ng/ml



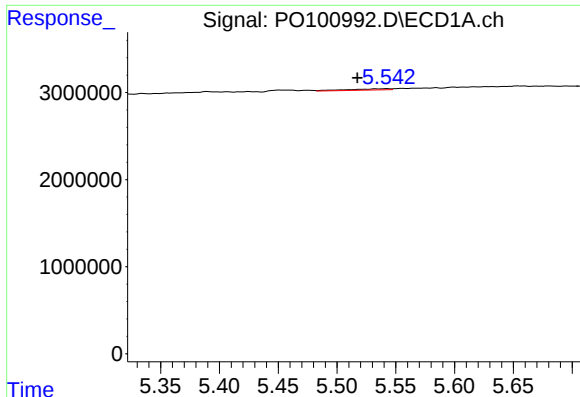
#2 Decachlorobiphenyl

R.T.: 10.077 min
Delta R.T.: -0.015 min
Response: 12966
Conc: 0.01 ng/ml



#2 Decachlorobiphenyl

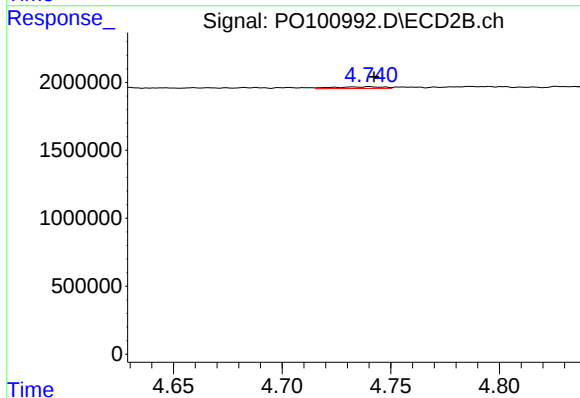
R.T.: 8.707 min
Delta R.T.: 0.001 min
Response: 266046
Conc: 0.18 ng/ml



#3 AR-1016-1

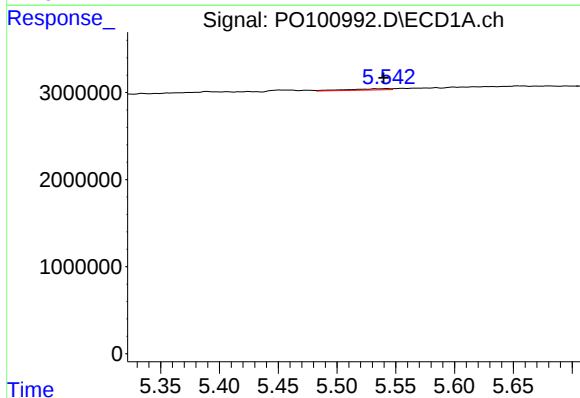
R.T.: 5.543 min
Delta R.T.: 0.025 min
Response: 348966
Conc: 4.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



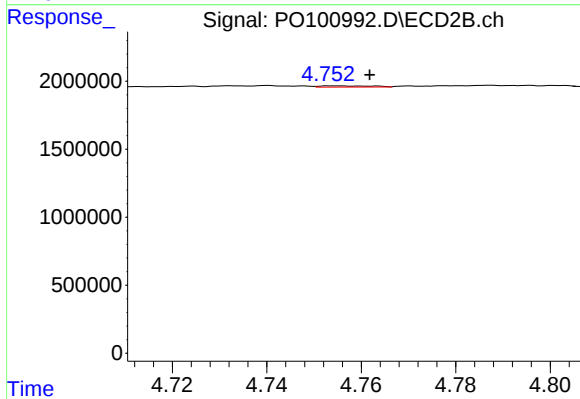
#3 AR-1016-1

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 193372
Conc: 3.12 ng/ml



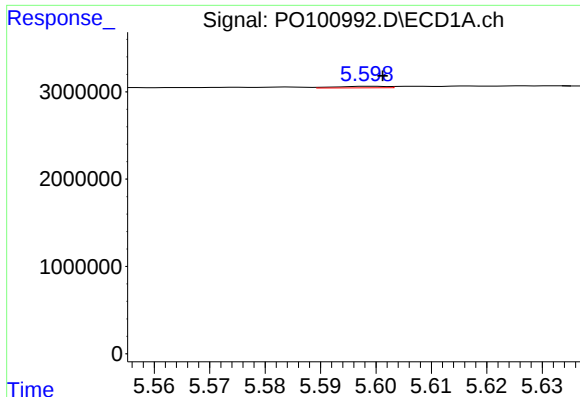
#4 AR-1016-2

R.T.: 5.543 min
Delta R.T.: 0.003 min
Response: 348966
Conc: 2.73 ng/ml



#4 AR-1016-2

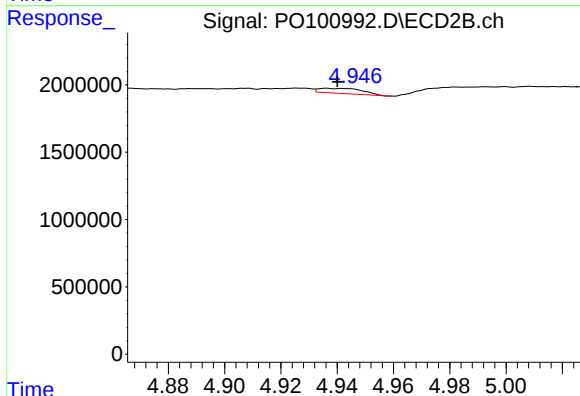
R.T.: 4.755 min
Delta R.T.: -0.007 min
Response: 71544
Conc: 0.81 ng/ml



#5 AR-1016-3

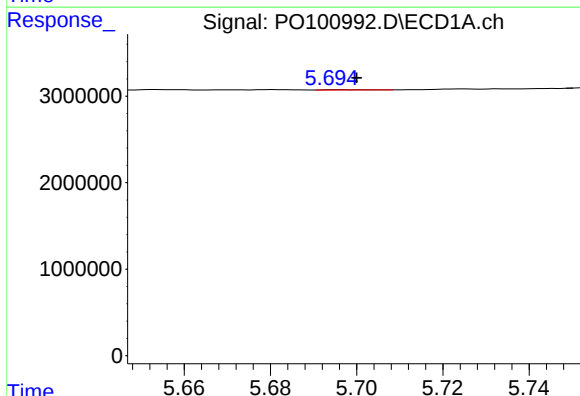
R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 105609
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



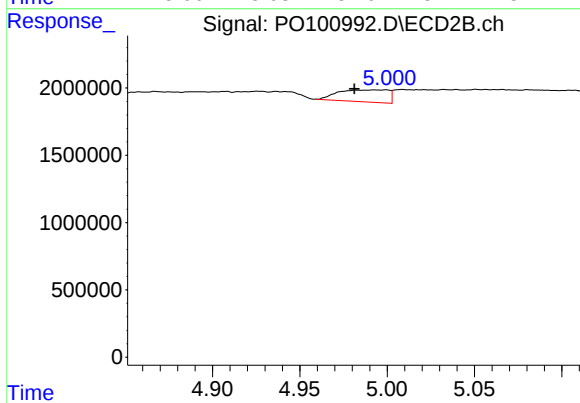
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: -0.004 min
Response: 404213
Conc: 8.65 ng/ml



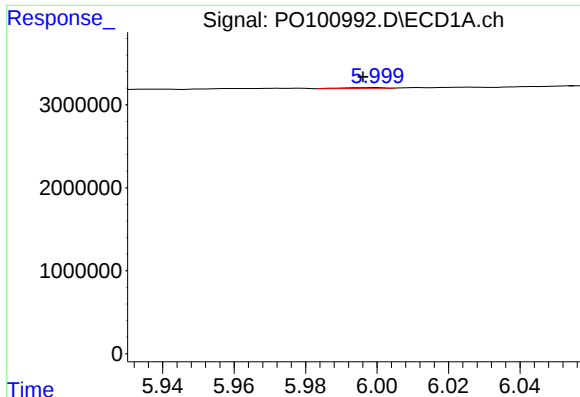
#6 AR-1016-4

R.T.: 5.695 min
Delta R.T.: -0.005 min
Response: 31035
Conc: 0.51 ng/ml



#6 AR-1016-4

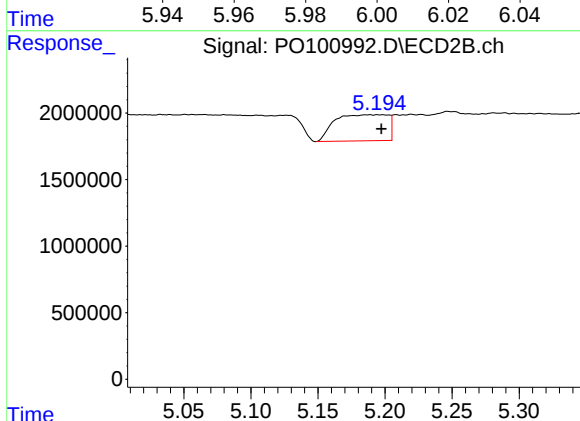
R.T.: 4.999 min
Delta R.T.: 0.018 min
Response: 1770541
Conc: 43.14 ng/ml



#7 AR-1016-5

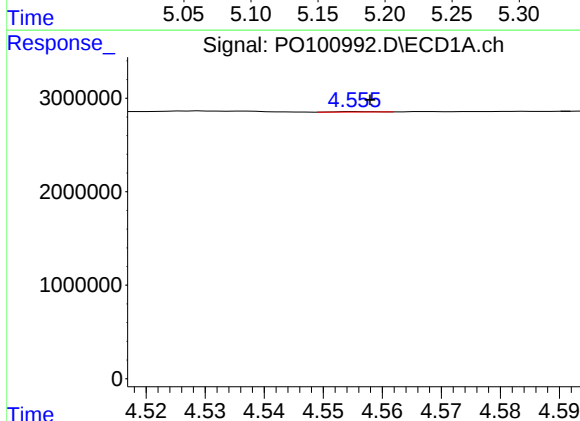
R.T.: 5.999 min
Delta R.T.: 0.003 min
Response: 64025
Conc: 1.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



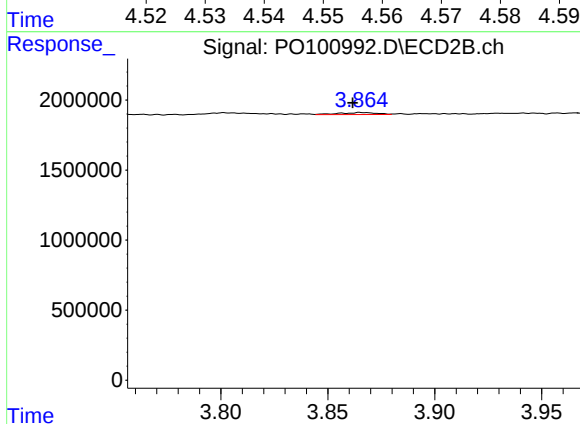
#7 AR-1016-5

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 5390989
Conc: 103.78 ng/ml



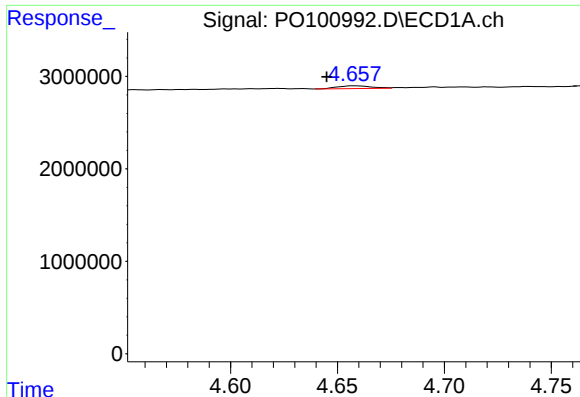
#8 AR-1221-1

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 24280
Conc: 0.66 ng/ml



#8 AR-1221-1

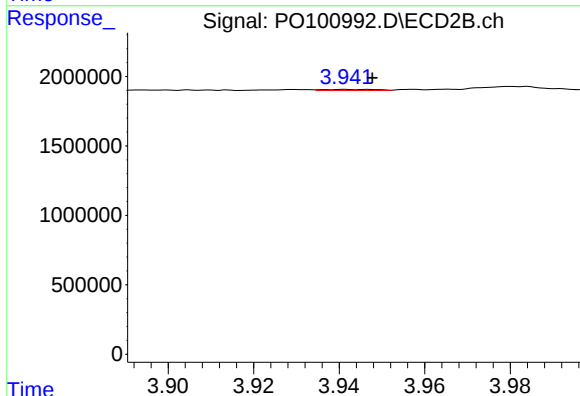
R.T.: 3.865 min
Delta R.T.: 0.004 min
Response: 170458
Conc: 6.79 ng/ml



#9 AR-1221-2

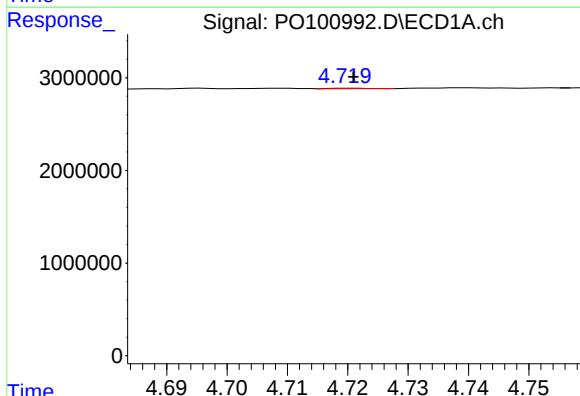
R.T.: 4.658 min
Delta R.T.: 0.013 min
Response: 334486
Conc: 12.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



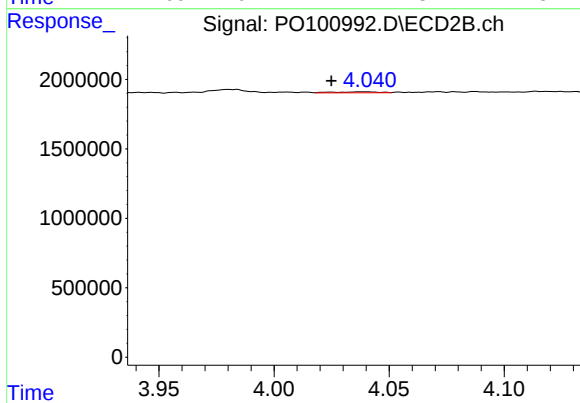
#9 AR-1221-2

R.T.: 3.941 min
Delta R.T.: -0.006 min
Response: 61474
Conc: 3.20 ng/ml



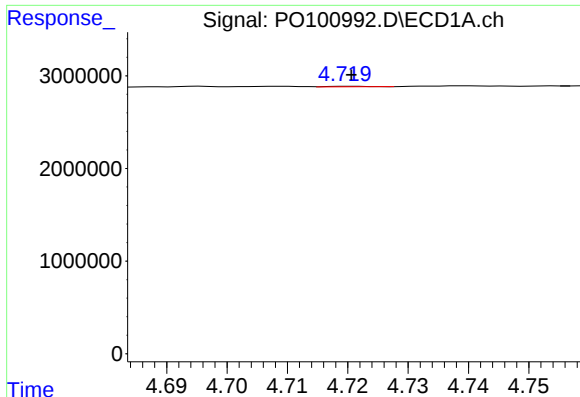
#10 AR-1221-3

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 26482
Conc: 0.32 ng/ml



#10 AR-1221-3

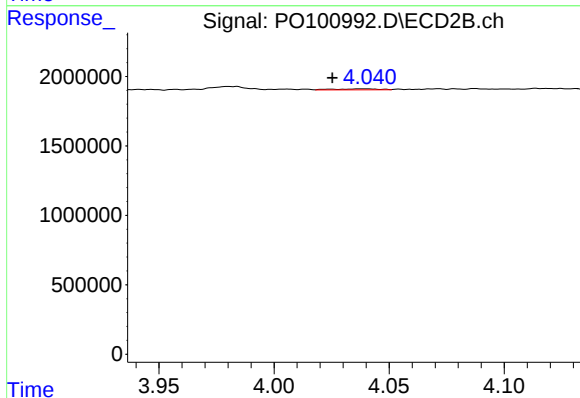
R.T.: 4.040 min
Delta R.T.: 0.015 min
Response: 107747
Conc: 1.83 ng/ml



#11 AR-1232-1

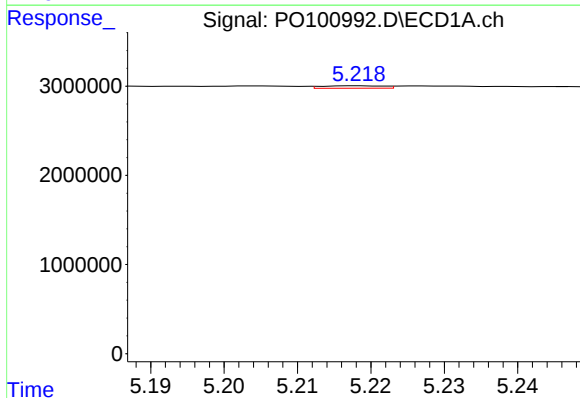
R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 26482
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



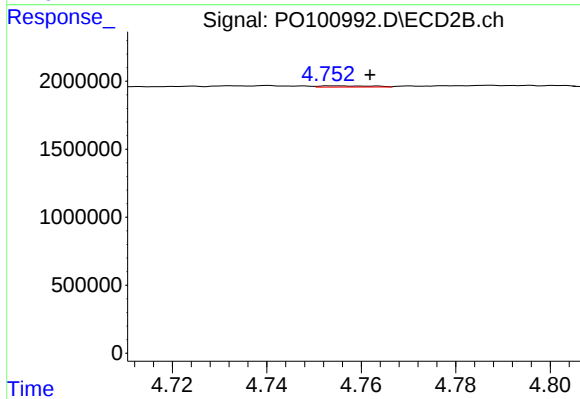
#11 AR-1232-1

R.T.: 4.040 min
Delta R.T.: 0.014 min
Response: 107747
Conc: 2.28 ng/ml



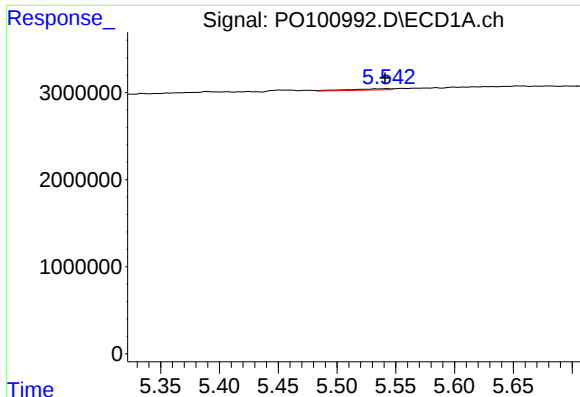
#12 AR-1232-2

R.T.: 5.218 min
Delta R.T.: -0.031 min
Response: 161772
Conc: 4.61 ng/ml



#12 AR-1232-2

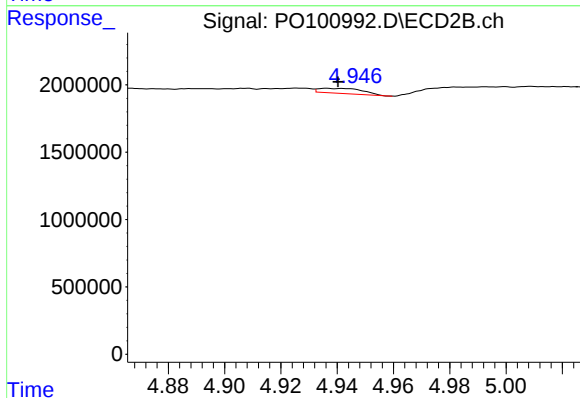
R.T.: 4.755 min
Delta R.T.: -0.007 min
Response: 71544
Conc: 1.72 ng/ml



#13 AR-1232-3

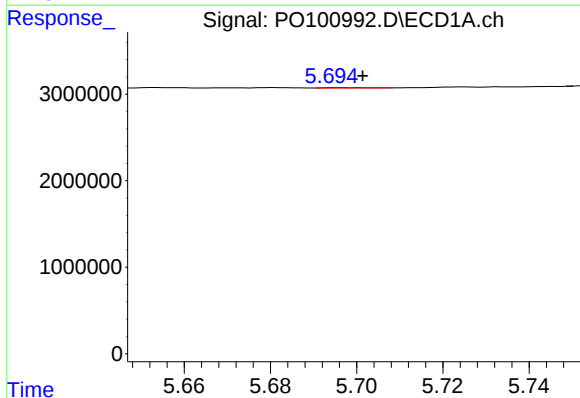
R.T.: 5.543 min
Delta R.T.: 0.002 min
Response: 348966
Conc: 5.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



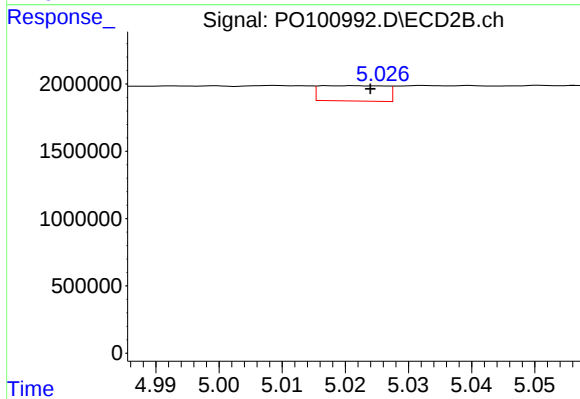
#13 AR-1232-3

R.T.: 4.937 min
Delta R.T.: -0.004 min
Response: 404213
Conc: 18.84 ng/ml



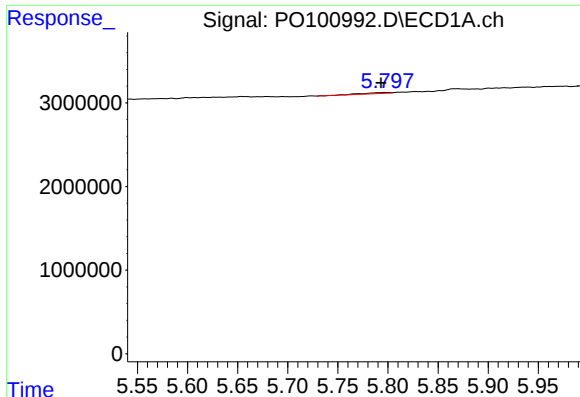
#14 AR-1232-4

R.T.: 5.695 min
Delta R.T.: -0.006 min
Response: 31035
Conc: 1.13 ng/ml



#14 AR-1232-4

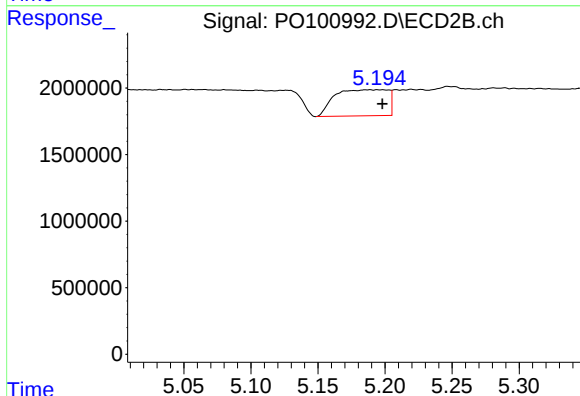
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 822222
Conc: 38.70 ng/ml



#15 AR-1232-5

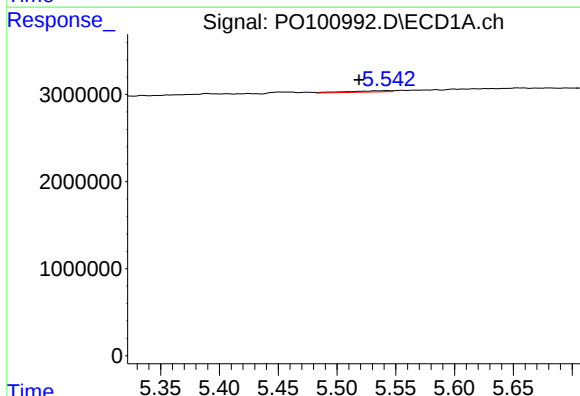
R.T.: 5.799 min
Delta R.T.: 0.006 min
Response: 228785
Conc: 9.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



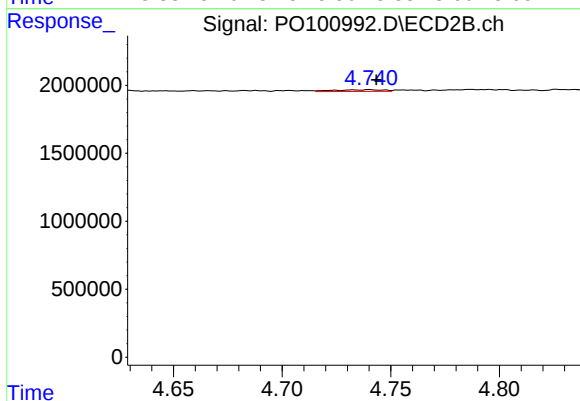
#15 AR-1232-5

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 5390989
Conc: 246.69 ng/ml



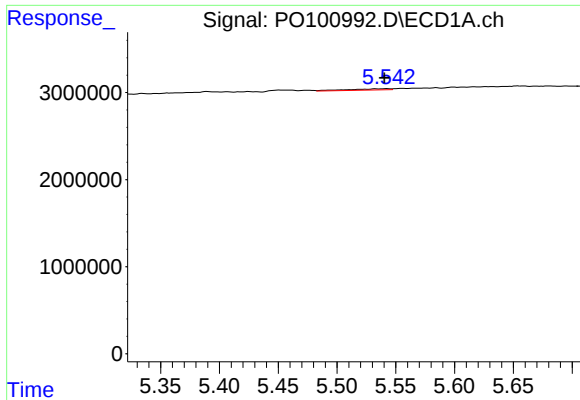
#16 AR-1242-1

R.T.: 5.543 min
Delta R.T.: 0.024 min
Response: 348966
Conc: 4.95 ng/ml



#16 AR-1242-1

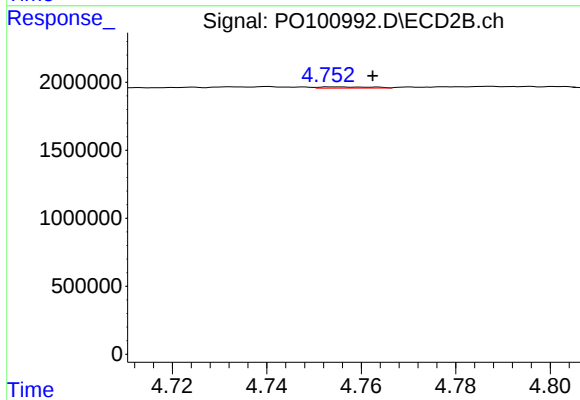
R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 193372
Conc: 3.70 ng/ml



#17 AR-1242-2

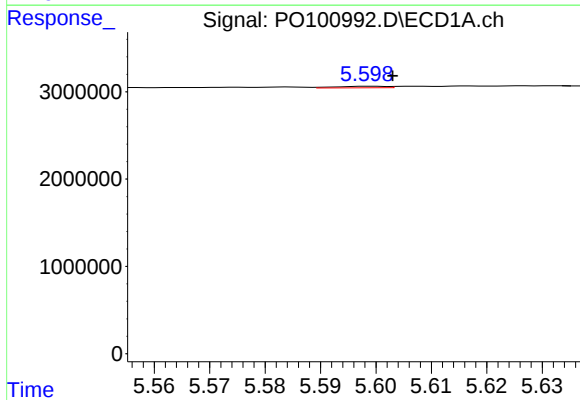
R.T.: 5.543 min
Delta R.T.: 0.002 min
Response: 348966
Conc: 3.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



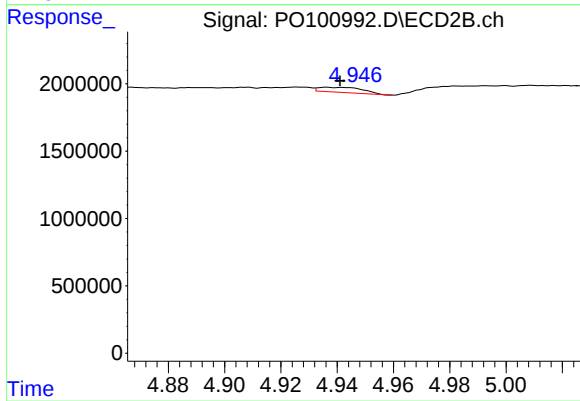
#17 AR-1242-2

R.T.: 4.755 min
Delta R.T.: -0.008 min
Response: 71544
Conc: 0.99 ng/ml



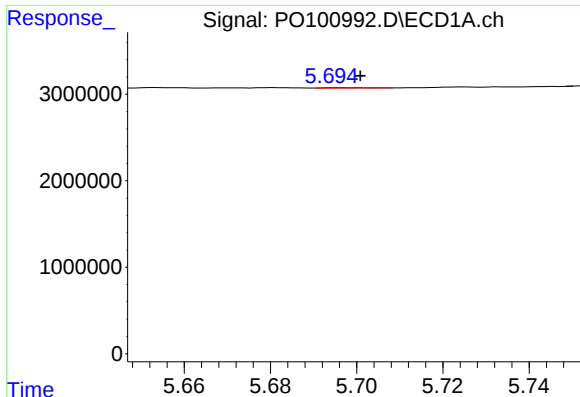
#18 AR-1242-3

R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 105609
Conc: 1.62 ng/ml



#18 AR-1242-3

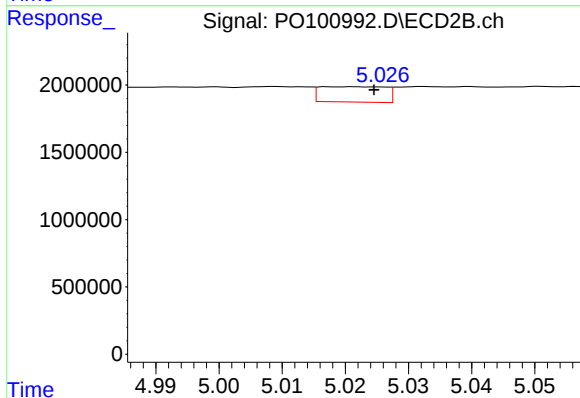
R.T.: 4.937 min
Delta R.T.: -0.004 min
Response: 404213
Conc: 10.55 ng/ml



#19 AR-1242-4

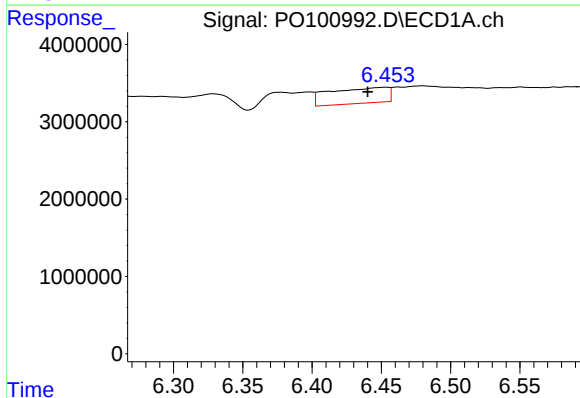
R.T.: 5.695 min
Delta R.T.: -0.006 min
Response: 31035
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



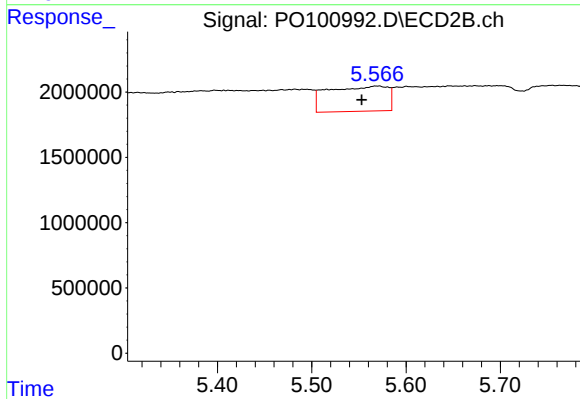
#19 AR-1242-4

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 822222
Conc: 19.73 ng/ml



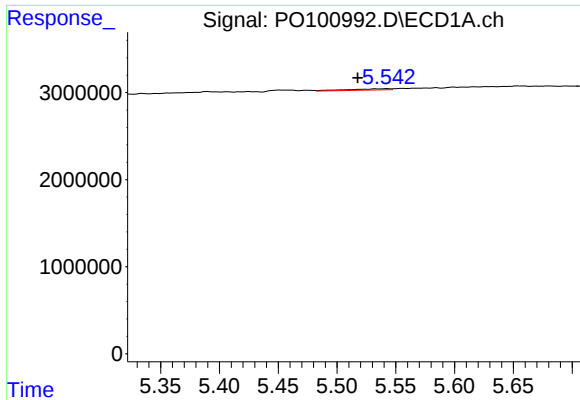
#20 AR-1242-5

R.T.: 6.453 min
Delta R.T.: 0.013 min
Response: 5953561
Conc: 115.03 ng/ml



#20 AR-1242-5

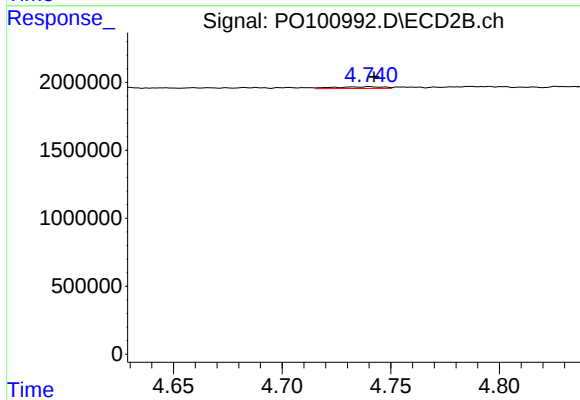
R.T.: 5.569 min
Delta R.T.: 0.016 min
Response: 8457912
Conc: 184.29 ng/ml



#21 AR-1248-1

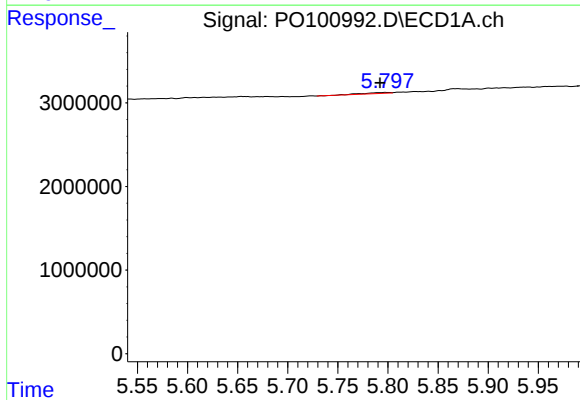
R.T.: 5.543 min
Delta R.T.: 0.025 min
Response: 348966
Conc: 6.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



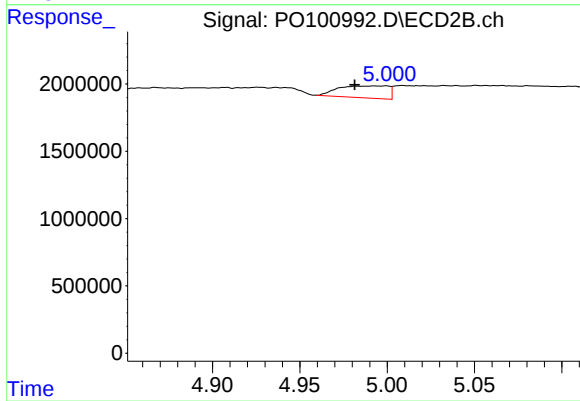
#21 AR-1248-1

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 193372
Conc: 4.84 ng/ml



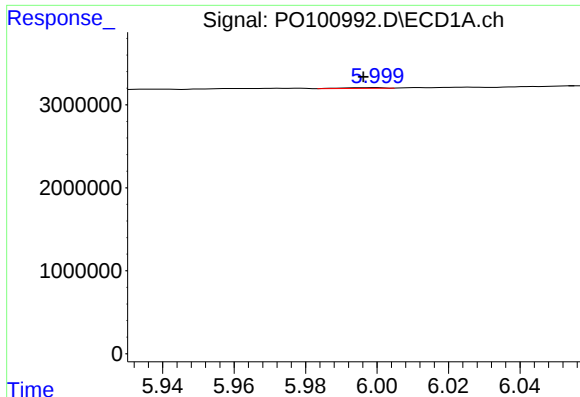
#22 AR-1248-2

R.T.: 5.799 min
Delta R.T.: 0.007 min
Response: 228785
Conc: 2.65 ng/ml



#22 AR-1248-2

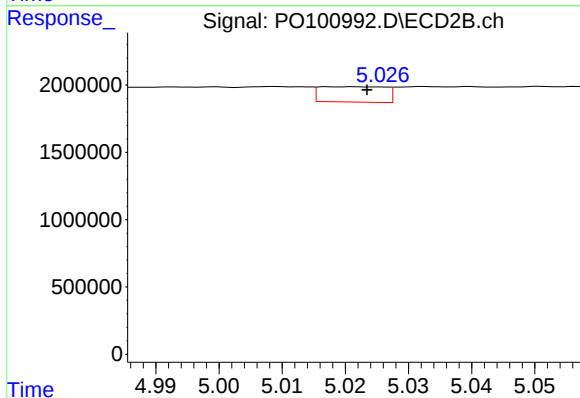
R.T.: 4.999 min
Delta R.T.: 0.018 min
Response: 1770541
Conc: 29.43 ng/ml



#23 AR-1248-3

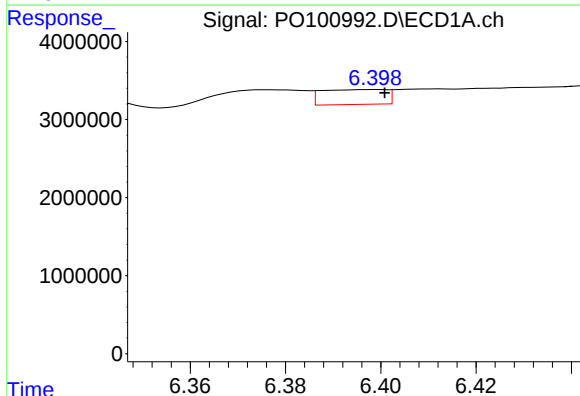
R.T.: 5.999 min
Delta R.T.: 0.003 min
Response: 64025
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



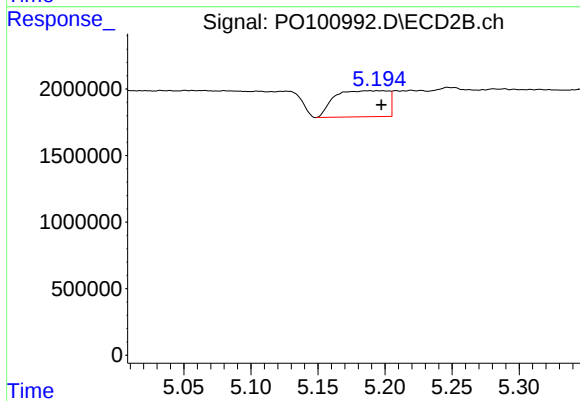
#23 AR-1248-3

R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 822222
Conc: 13.15 ng/ml



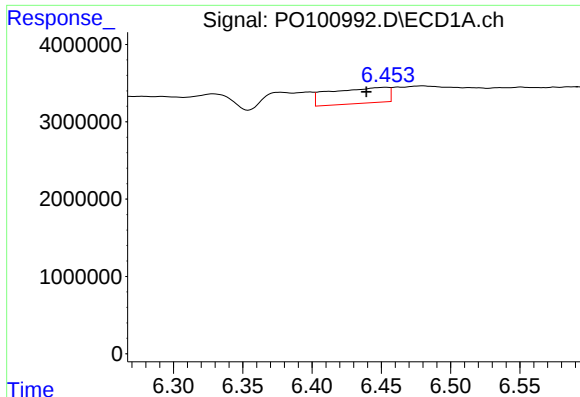
#24 AR-1248-4

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 1796807
Conc: 19.99 ng/ml



#24 AR-1248-4

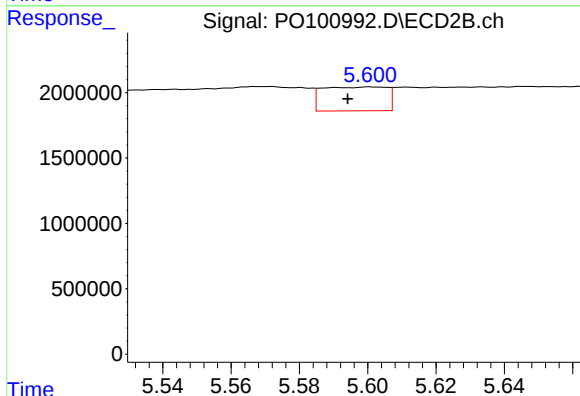
R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 5390989
Conc: 74.84 ng/ml



#25 AR-1248-5

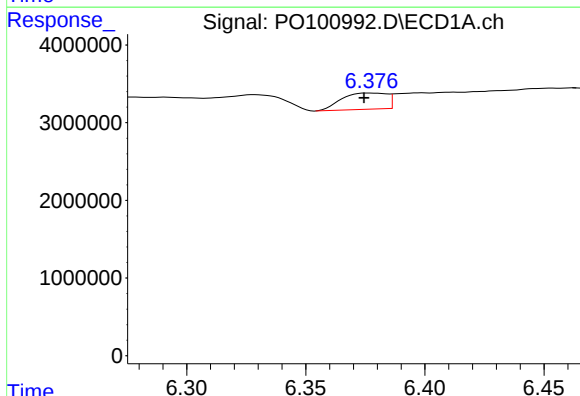
R.T.: 6.453 min
Delta R.T.: 0.014 min
Response: 5953561
Conc: 66.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



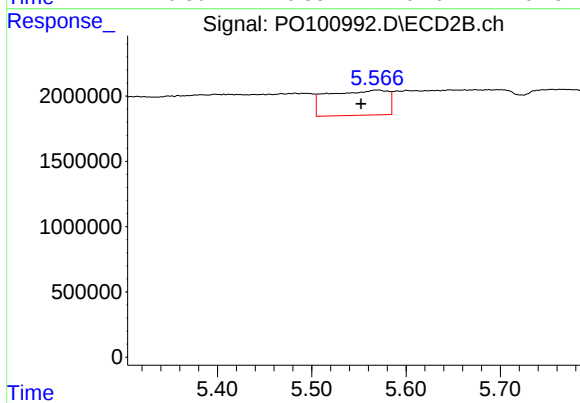
#25 AR-1248-5

R.T.: 5.601 min
Delta R.T.: 0.007 min
Response: 2382825
Conc: 38.62 ng/ml



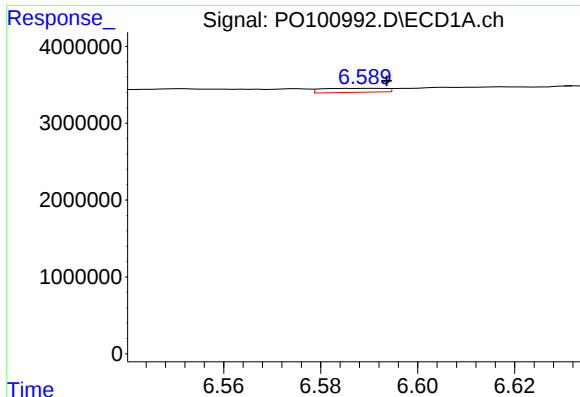
#26 AR-1254-1

R.T.: 6.377 min
Delta R.T.: 0.002 min
Response: 2764032
Conc: 26.29 ng/ml



#26 AR-1254-1

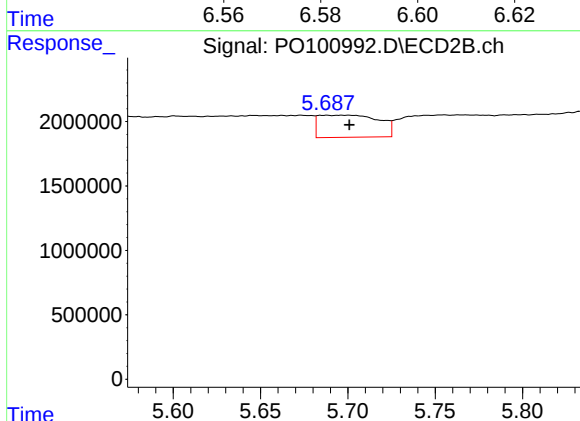
R.T.: 5.569 min
Delta R.T.: 0.016 min
Response: 8457912
Conc: 82.41 ng/ml



#27 AR-1254-2

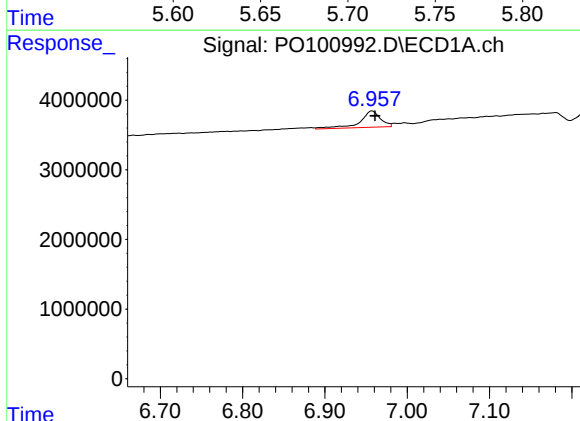
R.T.: 6.591 min
Delta R.T.: -0.003 min
Response: 473605
Conc: 3.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



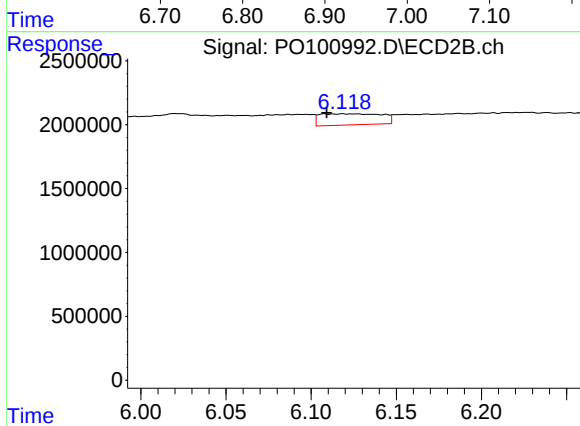
#27 AR-1254-2

R.T.: 5.688 min
Delta R.T.: -0.013 min
Response: 4101674
Conc: 44.65 ng/ml



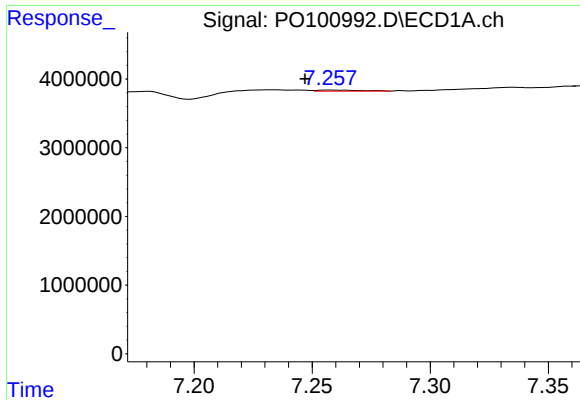
#28 AR-1254-3

R.T.: 6.957 min
Delta R.T.: -0.004 min
Response: 4042959
Conc: 28.87 ng/ml



#28 AR-1254-3

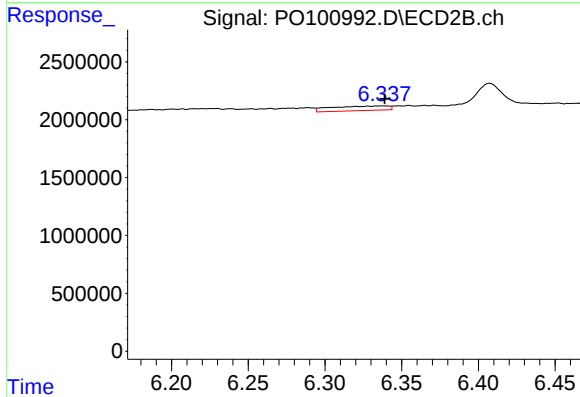
R.T.: 6.119 min
Delta R.T.: 0.009 min
Response: 2199440
Conc: 16.26 ng/ml



#29 AR-1254-4

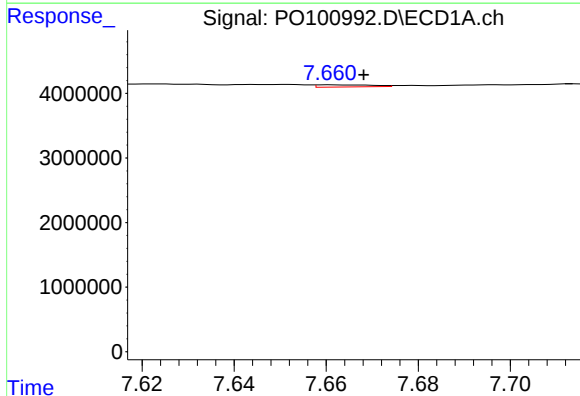
R.T.: 7.257 min
Delta R.T.: 0.010 min
Response: 210916
Conc: 2.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



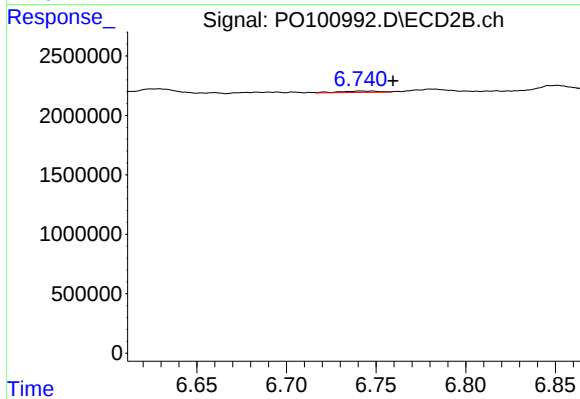
#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 1032344
Conc: 14.31 ng/ml



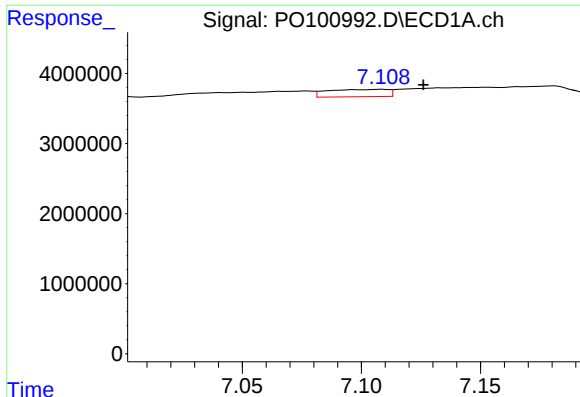
#30 AR-1254-5

R.T.: 7.661 min
Delta R.T.: -0.007 min
Response: 286802
Conc: 2.42 ng/ml



#30 AR-1254-5

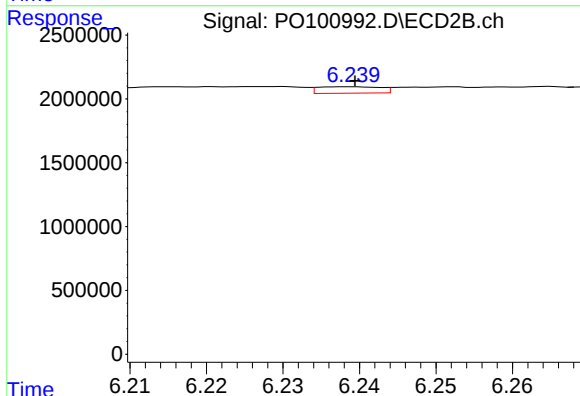
R.T.: 6.748 min
Delta R.T.: -0.012 min
Response: 179349
Conc: 1.56 ng/ml



#31 AR-1260-1

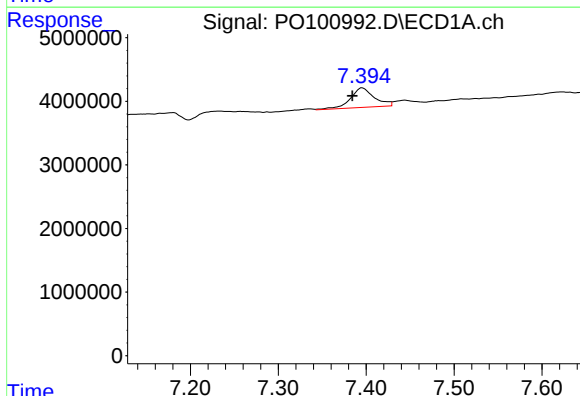
R.T.: 7.109 min
Delta R.T.: -0.017 min
Response: 1849466
Conc: 13.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



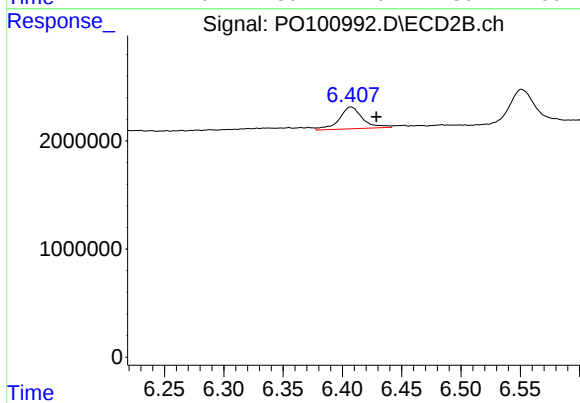
#31 AR-1260-1

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 285532
Conc: 3.00 ng/ml



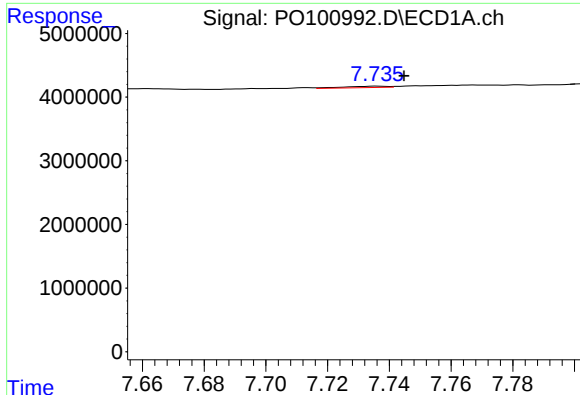
#32 AR-1260-2

R.T.: 7.395 min
Delta R.T.: 0.011 min
Response: 5826389
Conc: 46.33 ng/ml



#32 AR-1260-2

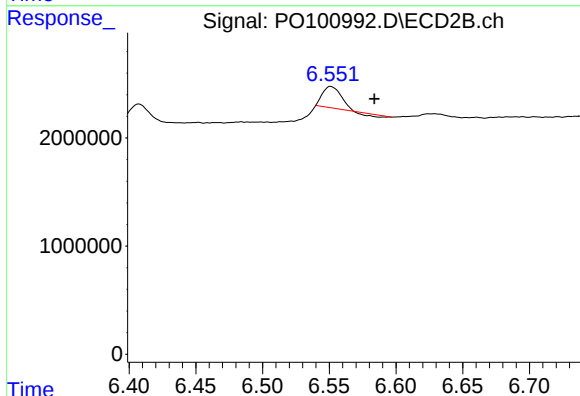
R.T.: 6.407 min
Delta R.T.: -0.021 min
Response: 2775951
Conc: 25.83 ng/ml



#33 AR-1260-3

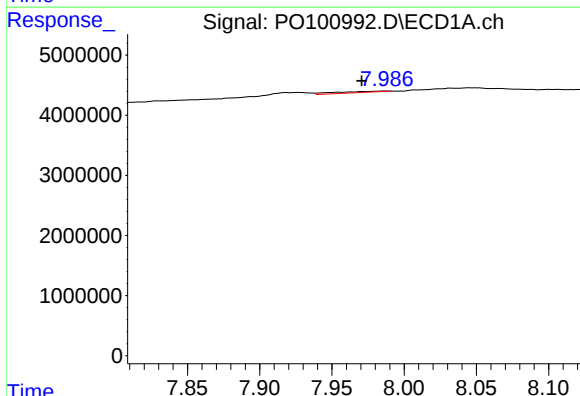
R.T.: 7.736 min
Delta R.T.: -0.009 min
Response: 221722
Conc: 2.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



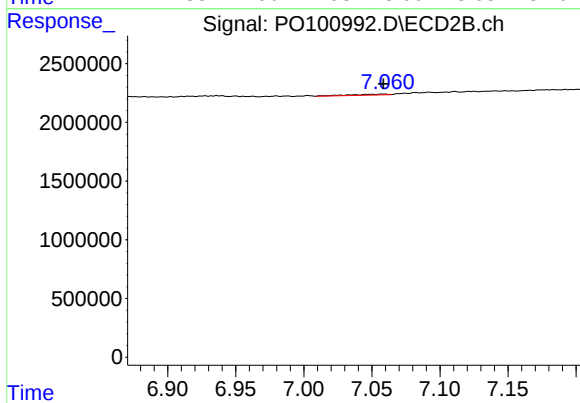
#33 AR-1260-3

R.T.: 6.551 min
Delta R.T.: -0.033 min
Response: 1694148
Conc: 16.53 ng/ml



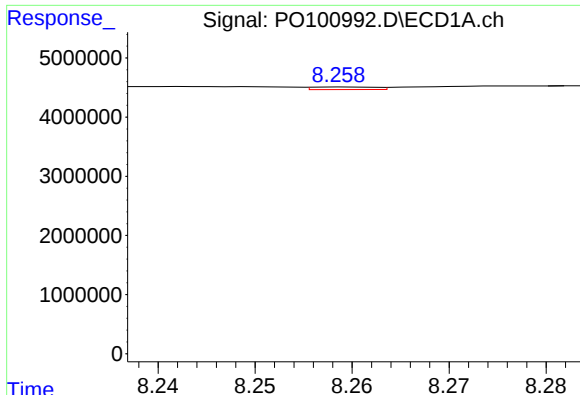
#34 AR-1260-4

R.T.: 7.987 min
Delta R.T.: 0.016 min
Response: 477596
Conc: 4.53 ng/ml



#34 AR-1260-4

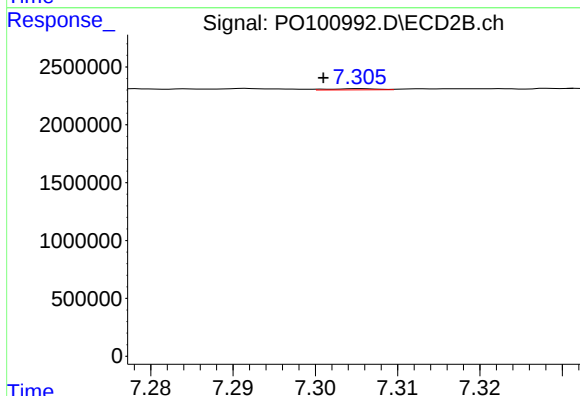
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 145263
Conc: 1.78 ng/ml



#35 AR-1260-5

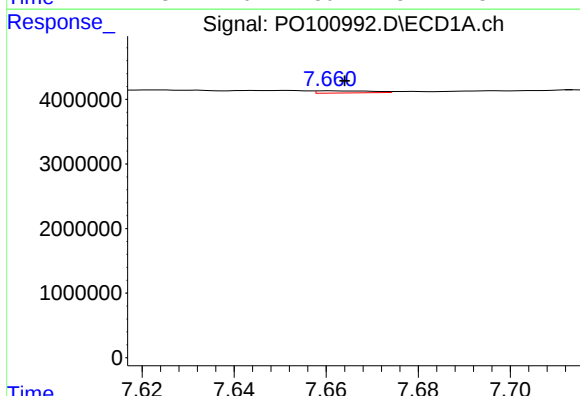
R.T.: 8.259 min
Delta R.T.: -0.029 min
Response: 200694
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



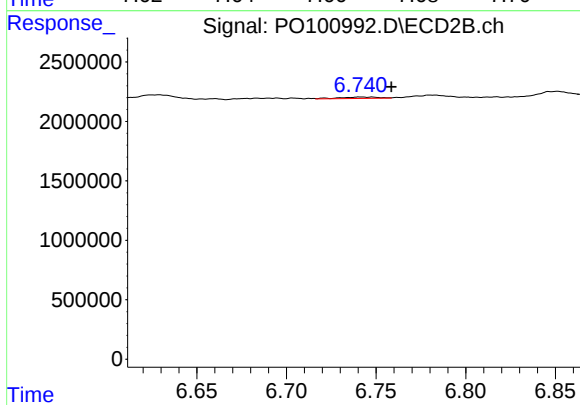
#35 AR-1260-5

R.T.: 7.305 min
Delta R.T.: 0.004 min
Response: 45456
Conc: 0.25 ng/ml



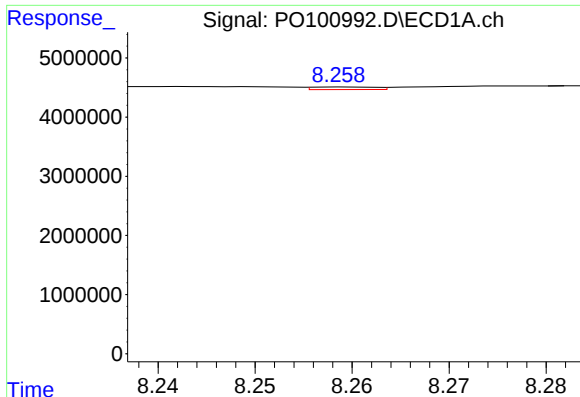
#36 AR-1262-1

R.T.: 7.661 min
Delta R.T.: -0.003 min
Response: 286802
Conc: 2.87 ng/ml



#36 AR-1262-1

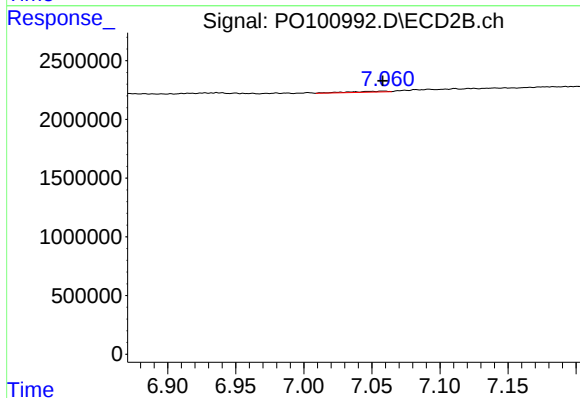
R.T.: 6.748 min
Delta R.T.: -0.011 min
Response: 179349
Conc: 2.88 ng/ml



#37 AR-1262-2

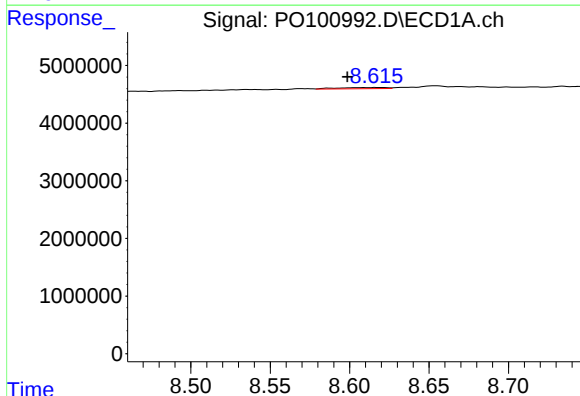
R.T.: 8.259 min
Delta R.T.: -0.029 min
Response: 200694
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



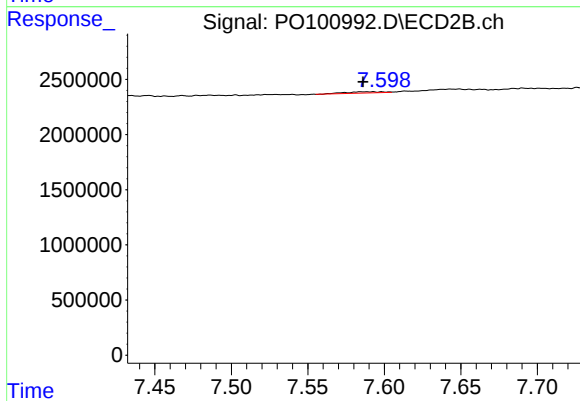
#37 AR-1262-2

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 145263
Conc: 1.29 ng/ml



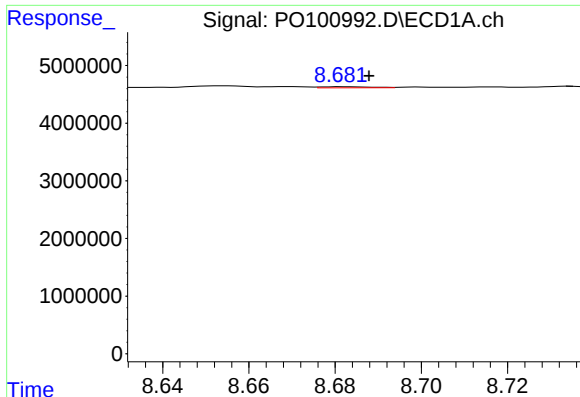
#38 AR-1262-3

R.T.: 8.617 min
Delta R.T.: 0.018 min
Response: 423566
Conc: 2.61 ng/ml



#38 AR-1262-3

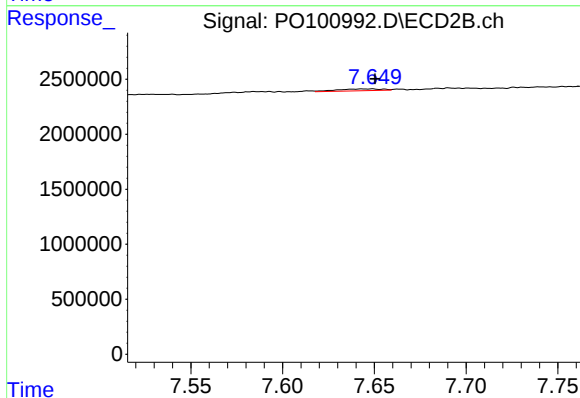
R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 195107
Conc: 2.53 ng/ml



#39 AR-1262-4

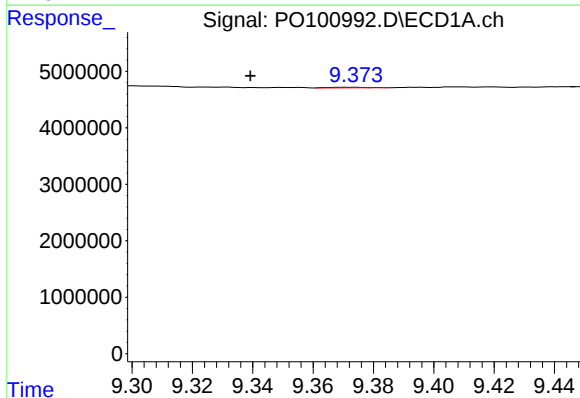
R.T.: 8.682 min
Delta R.T.: -0.006 min
Response: 149183
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



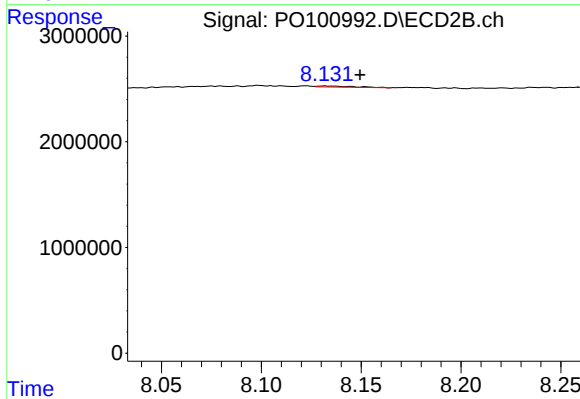
#39 AR-1262-4

R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 290864
Conc: 1.97 ng/ml



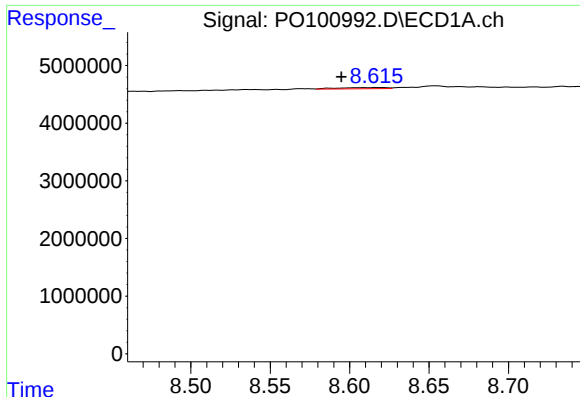
#40 AR-1262-5

R.T.: 9.373 min
Delta R.T.: 0.034 min
Response: 83694
Conc: 1.05 ng/ml



#40 AR-1262-5

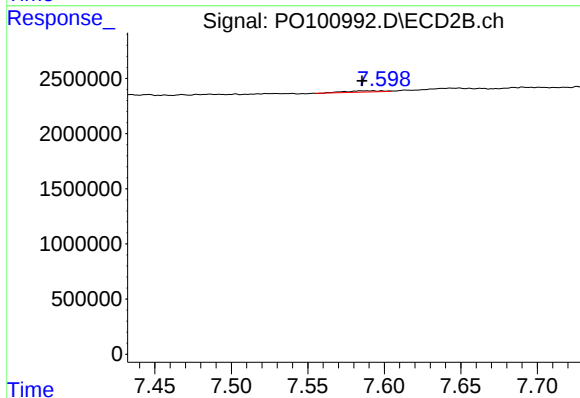
R.T.: 8.132 min
Delta R.T.: -0.017 min
Response: 129330
Conc: 2.02 ng/ml



#41 AR-1268-1

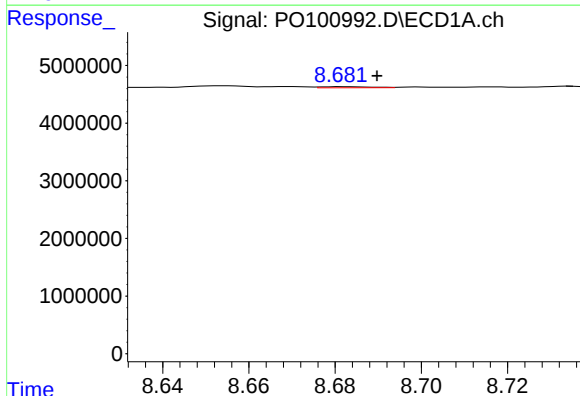
R.T.: 8.617 min
Delta R.T.: 0.022 min
Response: 423566
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



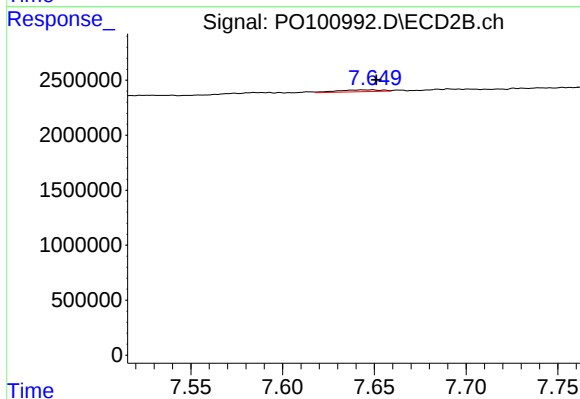
#41 AR-1268-1

R.T.: 7.586 min
Delta R.T.: 0.000 min
Response: 195107
Conc: 0.88 ng/ml



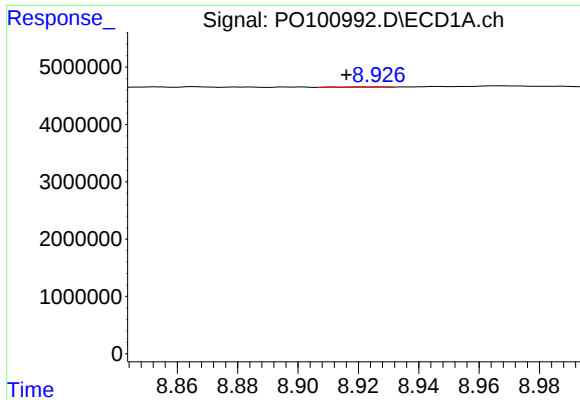
#42 AR-1268-2

R.T.: 8.682 min
Delta R.T.: -0.008 min
Response: 149183
Conc: 0.59 ng/ml



#42 AR-1268-2

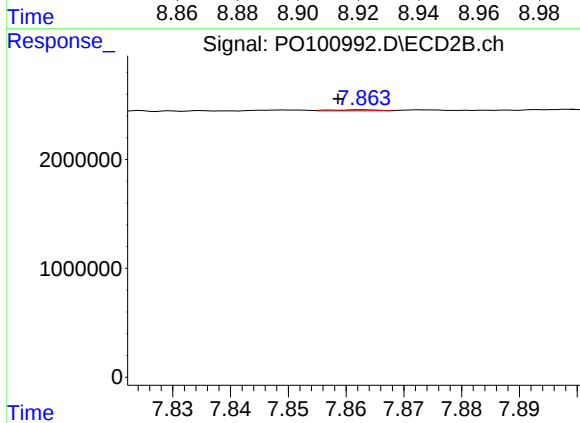
R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 290864
Conc: 1.44 ng/ml



#43 AR-1268-3

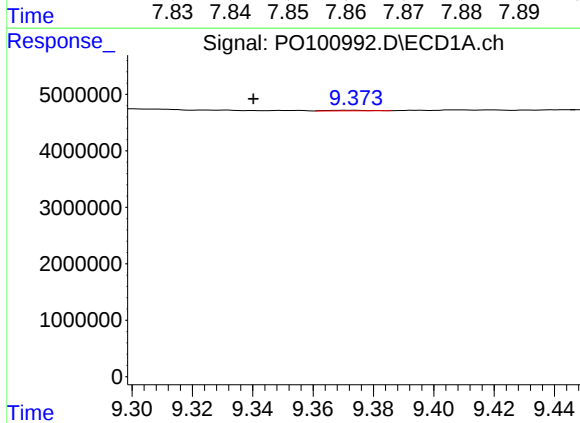
R.T.: 8.927 min
Delta R.T.: 0.011 min
Response: 50191
Conc: 0.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



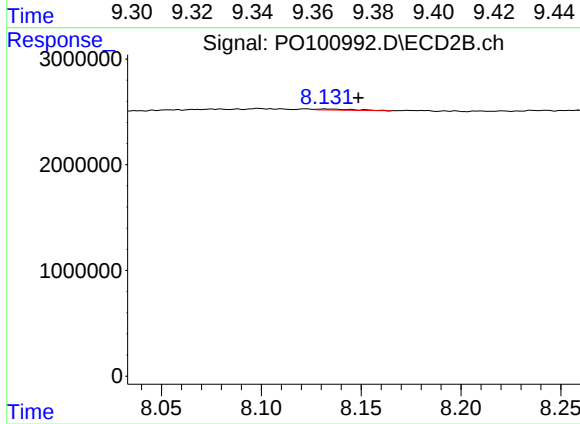
#43 AR-1268-3

R.T.: 7.863 min
Delta R.T.: 0.004 min
Response: 50796
Conc: 0.27 ng/ml



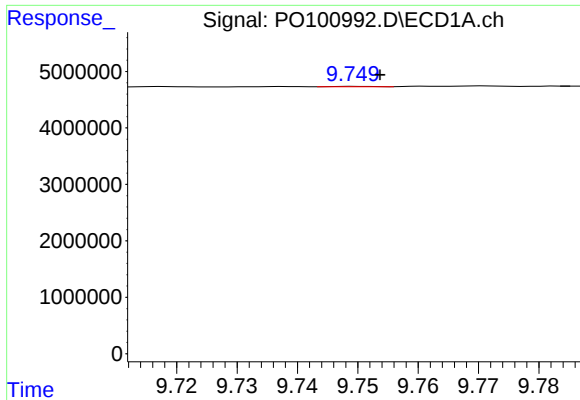
#44 AR-1268-4

R.T.: 9.373 min
Delta R.T.: 0.033 min
Response: 83694
Conc: 1.07 ng/ml



#44 AR-1268-4

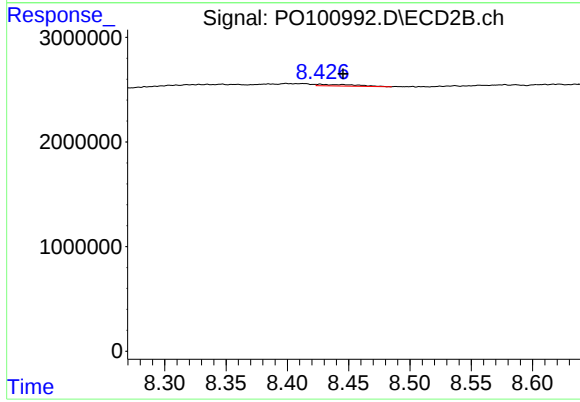
R.T.: 8.132 min
Delta R.T.: -0.017 min
Response: 129330
Conc: 1.93 ng/ml



#45 AR-1268-5

R.T.: 9.750 min
Delta R.T.: -0.004 min
Response: 33402
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: -0.019 min
Response: 334396
Conc: 0.64 ng/ml