

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100623\
 Data File : PP060681.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2023 10:46
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 12:27:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.533	3.685	115.7E6	76322695	51.657	51.275
2)	SA Decachlor...	10.459	8.748	85066652	71582272	48.182	43.883
Target Compounds							
3)	L1 AR-1016-1	5.720	4.782	37654126	28430464	511.572	489.255
4)	L1 AR-1016-2	5.744	4.801	52550765	38980773	501.759	484.200
5)	L1 AR-1016-3	5.807	4.979	33044600	21890166	505.607	489.794
6)	L1 AR-1016-4	5.907	5.021	27564991	16706878	506.901	464.290
7)	L1 AR-1016-5	6.206	5.236	27784158	23023638	499.511	473.836
8)	L2 AR-1221-1	4.741	3.899	5130258	3629499	177.598	173.742
9)	L2 AR-1221-2	4.832	3.988	6789134	4667917	317.769	313.054
10)	L2 AR-1221-3	4.909	4.064	22255973	15685863	366.480	357.083
11)	L3 AR-1232-1	4.909f	4.064	22255973	15685863	442.130	431.055
12)	L3 AR-1232-2	5.449f	4.801	29780936	38980773	1087.579	1068.893
13)	L3 AR-1232-3	5.744f	4.979	52550765	21890166	1132.140	1093.674
14)	L3 AR-1232-4	5.907f	5.064	27564991	21274518	1121.458	1139.855
15)	L3 AR-1232-5	5.998f	5.236	24502427	23023638	1182.454	1106.939
16)	L4 AR-1242-1	5.720	4.782	37654126	28430464	589.200	561.566
17)	L4 AR-1242-2	5.744	4.801	52550765	38980773	580.374	561.323
18)	L4 AR-1242-3	5.807	4.979	33044600	21890166	586.931	568.418
19)	L4 AR-1242-4	5.907	5.064	27564991	21274518	590.182	540.197
20)	L4 AR-1242-5	6.652	5.591	8822358	22307828	175.409	456.033 #
21)	L5 AR-1248-1	5.720	4.782	37654126	28430464	809.341	779.053
22)	L5 AR-1248-2	5.998	5.021	24502427	16706878	353.391	319.615
23)	L5 AR-1248-3	6.206	5.064	27784158	21274518	365.824	383.157
24)	L5 AR-1248-4	6.614	5.236	9526061	23023638	115.180	349.759 #
25)	L5 AR-1248-5	6.652	5.632	8822358	5774090	109.618	89.768
26)	L6 AR-1254-1	6.587	5.591	24582508	22307828	288.053	225.517
27)	L6 AR-1254-2	6.808	5.740	21313308	16128459	166.998	187.665
28)	L6 AR-1254-3	7.178	6.162	10169190	30673573	76.508	214.012 #
29)	L6 AR-1254-4	7.467	6.376	6624538	2318888	67.364	26.604 #
30)	L6 AR-1254-5	7.888	6.796	64105815	57311883	591.692	452.271
31)	L7 AR-1260-1	7.344	6.278	50105941	44563939	477.997	443.973
32)	L7 AR-1260-2	7.603	6.466	56620048	53067166	468.298	444.804
33)	L7 AR-1260-3	7.966	6.622	42603881	50640795	459.637	442.299
34)	L7 AR-1260-4	8.197	7.096	48989593	41544874	461.944	436.479
35)	L7 AR-1260-5	8.532	7.338	91209216	93603245	471.314	431.921
36)	L8 AR-1262-1	7.966	6.889	42603881	22402343	341.554	418.365
37)	L8 AR-1262-2	8.532	7.096	91209216	41544874	435.401	352.224
38)	L8 AR-1262-3	8.874	7.624	60812722	20651694	401.835	223.966 #
39)	L8 AR-1262-4	8.936f	7.688	39340380	64526137	328.723	383.031
40)	L8 AR-1262-5	9.651	8.188	26218051	22139046	327.463	285.760
41)	L9 AR-1268-1	8.874f	7.624	60812722	20651694	229.222	75.975 #

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 ALS Vial : 3 Sample Multiplier: 1

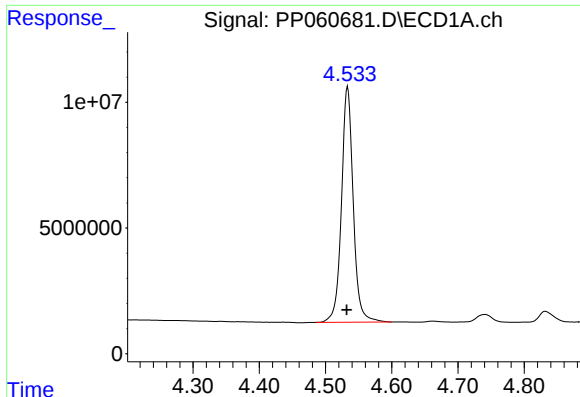
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 12:27:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.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	8.936f	7.688	39340380	64526137	161.406	264.588 #
43) L9	AR-1268-3	9.199	7.898	1512687	1132603	7.233	5.295 #
44) L9	AR-1268-4	9.651	8.188	26218051	22139046	283.798	252.331
45) L9	AR-1268-5	10.095	8.485	6967473	6265106	11.005	10.024

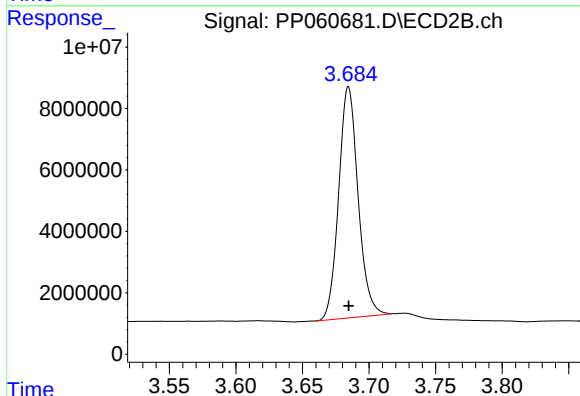
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

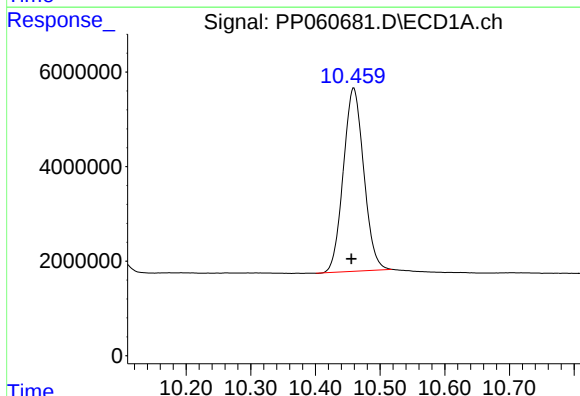
R.T.: 4.533 min
Delta R.T.: 0.001 min
Response: 115685051
Conc: 51.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



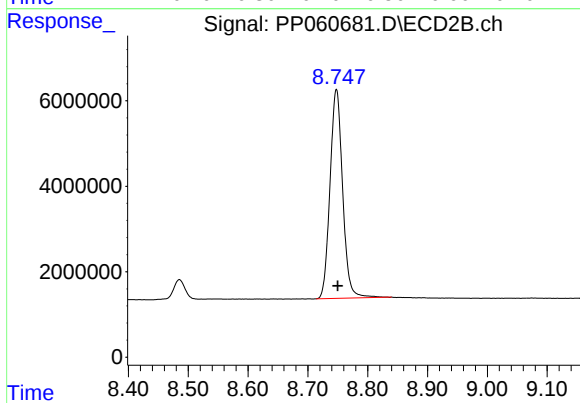
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 76322695
Conc: 51.27 ng/ml



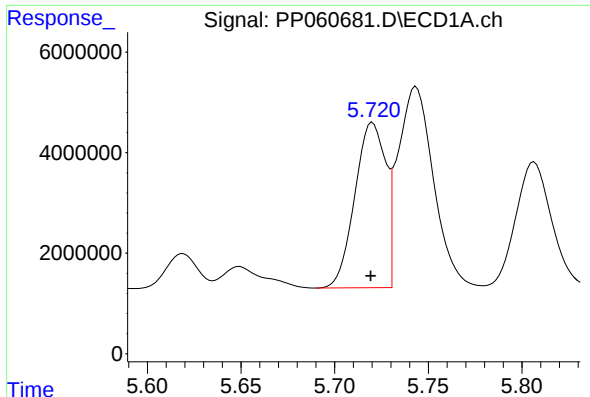
#2 Decachlorobiphenyl

R.T.: 10.459 min
Delta R.T.: 0.004 min
Response: 85066652
Conc: 48.18 ng/ml



#2 Decachlorobiphenyl

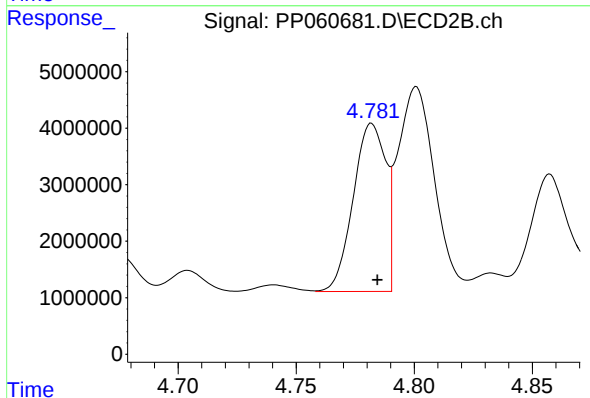
R.T.: 8.748 min
Delta R.T.: -0.002 min
Response: 71582272
Conc: 43.88 ng/ml



#3 AR-1016-1

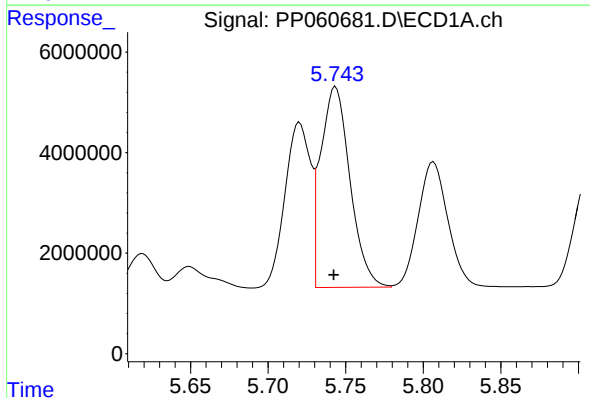
R.T.: 5.720 min
Delta R.T.: 0.001 min
Response: 37654126
Conc: 511.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



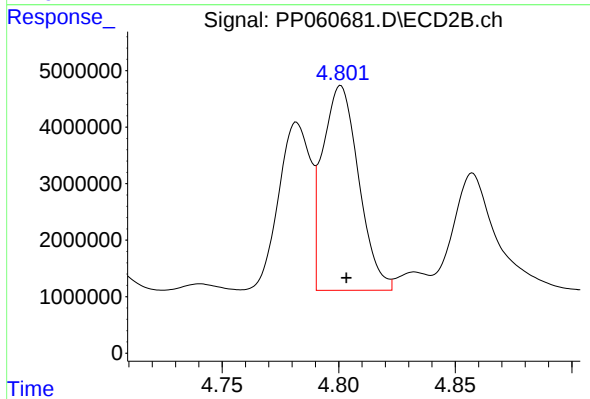
#3 AR-1016-1

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 28430464
Conc: 489.26 ng/ml



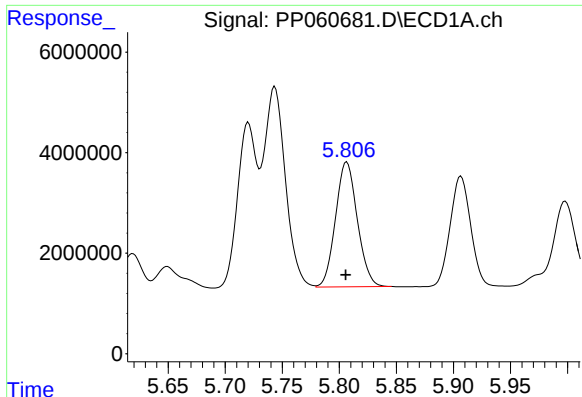
#4 AR-1016-2

R.T.: 5.744 min
Delta R.T.: 0.001 min
Response: 52550765
Conc: 501.76 ng/ml



#4 AR-1016-2

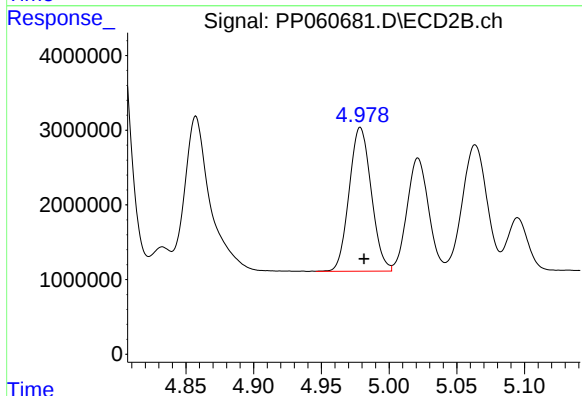
R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 38980773
Conc: 484.20 ng/ml



#5 AR-1016-3

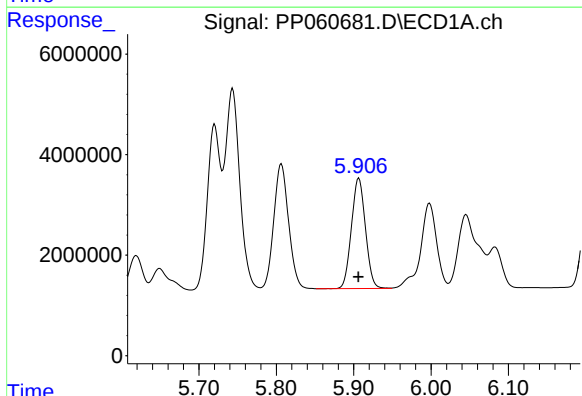
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 33044600
Conc: 505.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



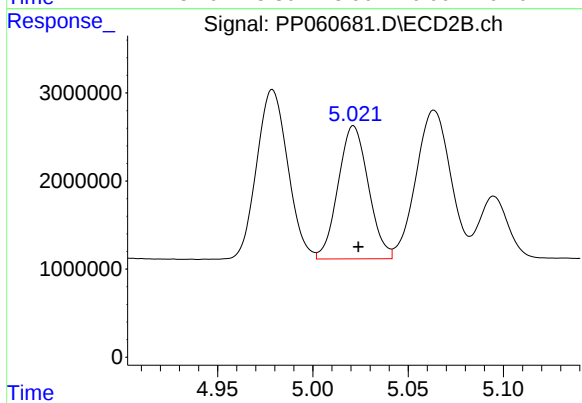
#5 AR-1016-3

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 21890166
Conc: 489.79 ng/ml



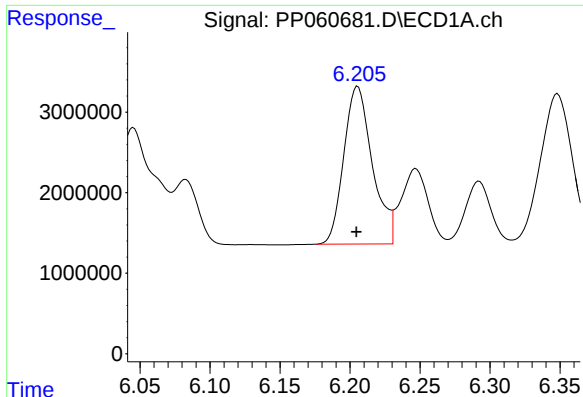
#6 AR-1016-4

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 27564991
Conc: 506.90 ng/ml



#6 AR-1016-4

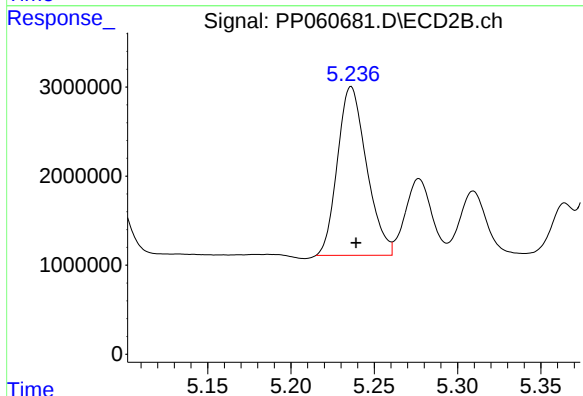
R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 16706878
Conc: 464.29 ng/ml



#7 AR-1016-5

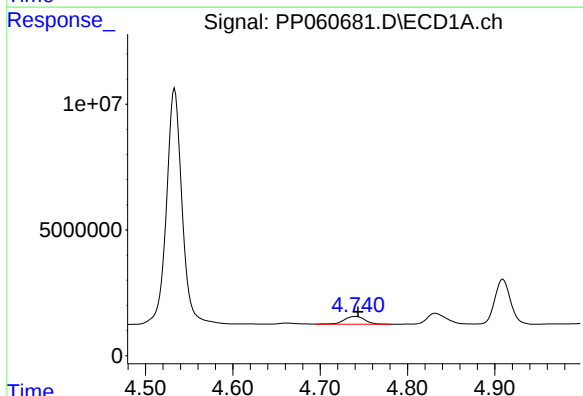
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 27784158
Conc: 499.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



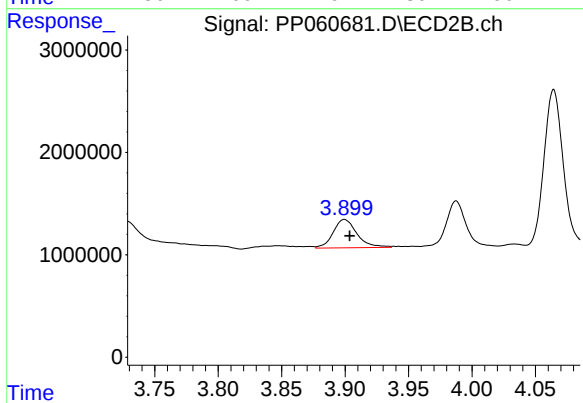
#7 AR-1016-5

R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 23023638
Conc: 473.84 ng/ml



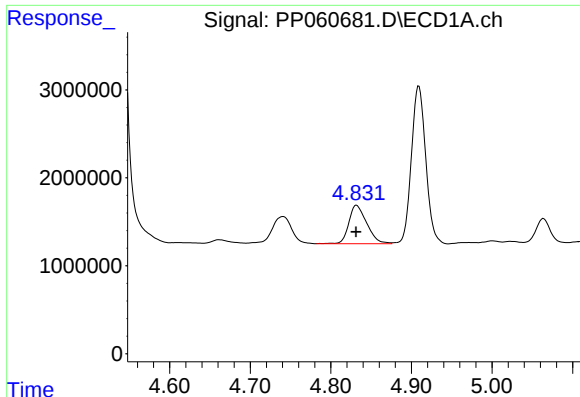
#8 AR-1221-1

R.T.: 4.741 min
Delta R.T.: -0.003 min
Response: 5130258
Conc: 177.60 ng/ml



#8 AR-1221-1

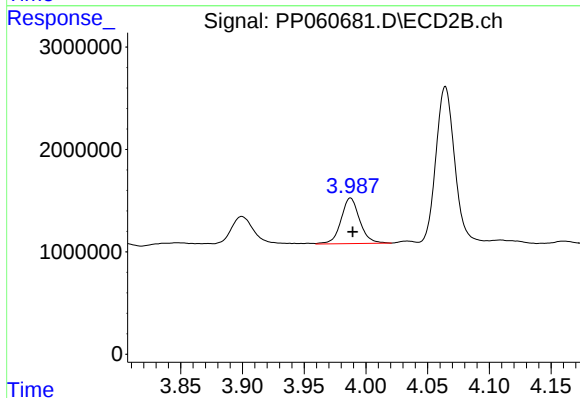
R.T.: 3.899 min
Delta R.T.: -0.004 min
Response: 3629499
Conc: 173.74 ng/ml



#9 AR-1221-2

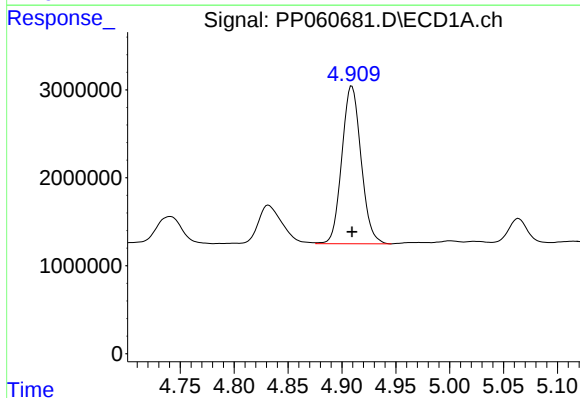
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 6789134
Conc: 317.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



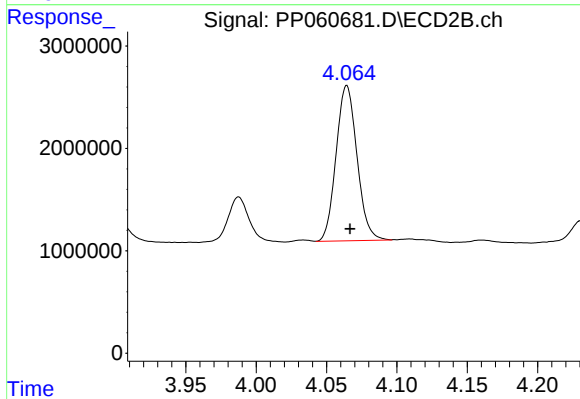
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: -0.002 min
Response: 4667917
Conc: 313.05 ng/ml



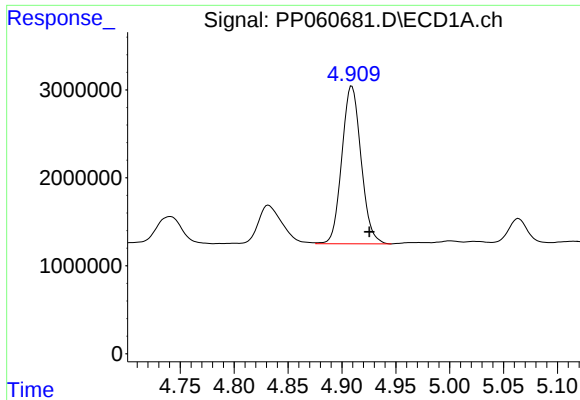
#10 AR-1221-3

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 22255973
Conc: 366.48 ng/ml



#10 AR-1221-3

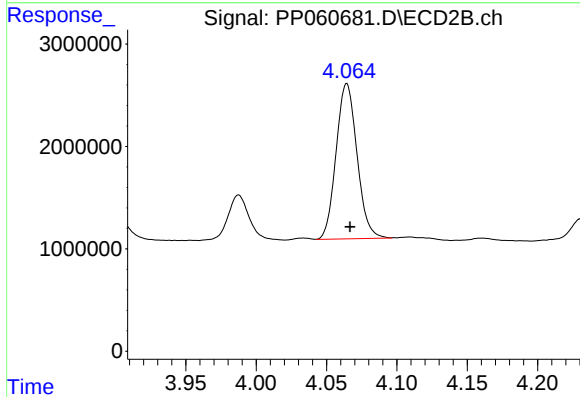
R.T.: 4.064 min
Delta R.T.: -0.002 min
Response: 15685863
Conc: 357.08 ng/ml



#11 AR-1232-1

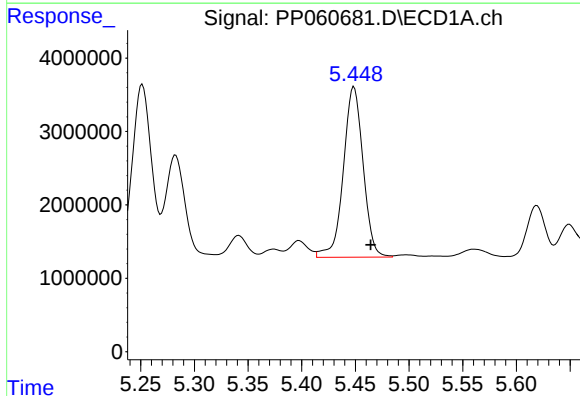
R.T.: 4.909 min
Delta R.T.: -0.016 min
Response: 22255973
Conc: 442.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



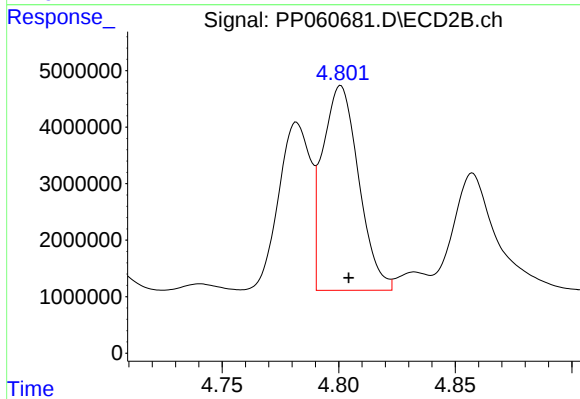
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: -0.002 min
Response: 15685863
Conc: 431.05 ng/ml



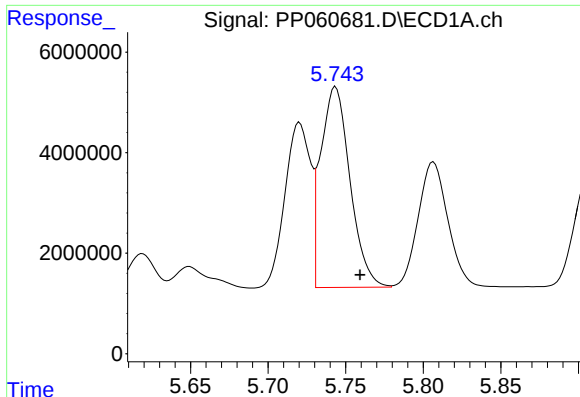
#12 AR-1232-2

R.T.: 5.449 min
Delta R.T.: -0.016 min
Response: 29780936
Conc: 1087.58 ng/ml



#12 AR-1232-2

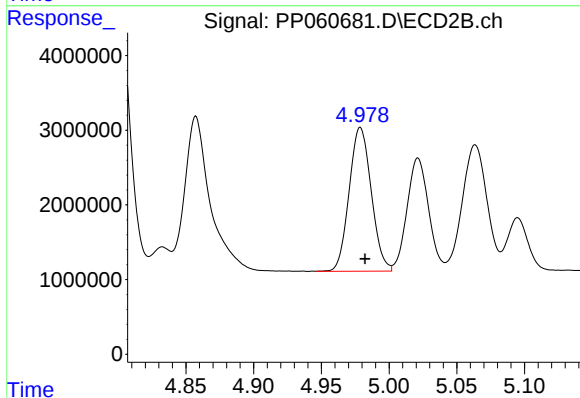
R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 38980773
Conc: 1068.89 ng/ml



#13 AR-1232-3

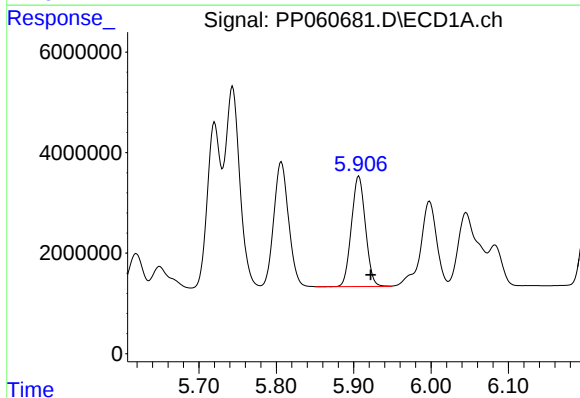
R.T.: 5.744 min
Delta R.T.: -0.016 min
Response: 52550765
Conc: 1132.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



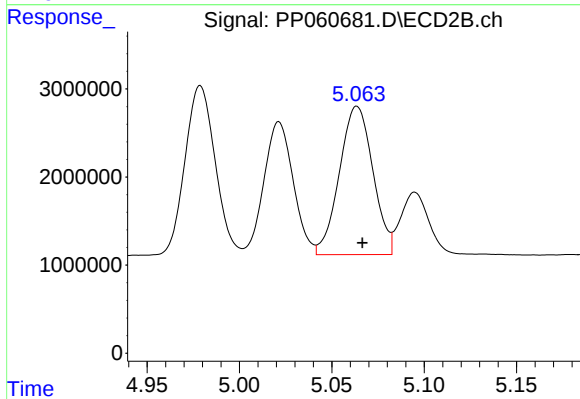
#13 AR-1232-3

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 21890166
Conc: 1093.67 ng/ml



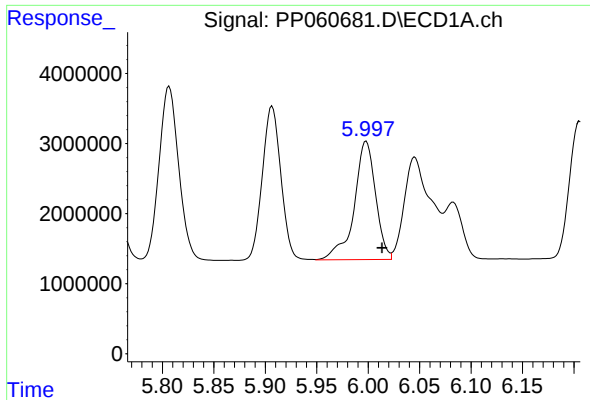
#14 AR-1232-4

R.T.: 5.907 min
Delta R.T.: -0.016 min
Response: 27564991
Conc: 1121.46 ng/ml



#14 AR-1232-4

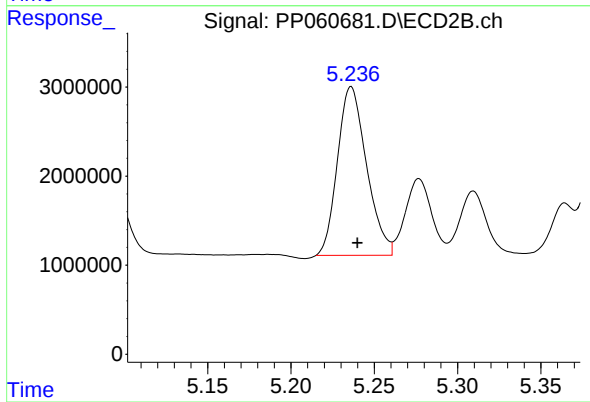
R.T.: 5.064 min
Delta R.T.: -0.003 min
Response: 21274518
Conc: 1139.85 ng/ml



#15 AR-1232-5

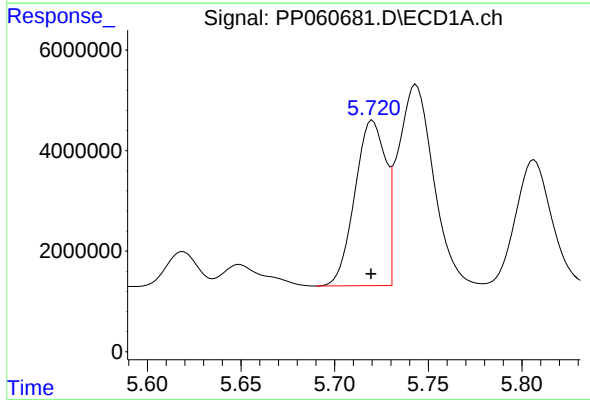
R.T.: 5.998 min
Delta R.T.: -0.016 min
Response: 24502427
Conc: 1182.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



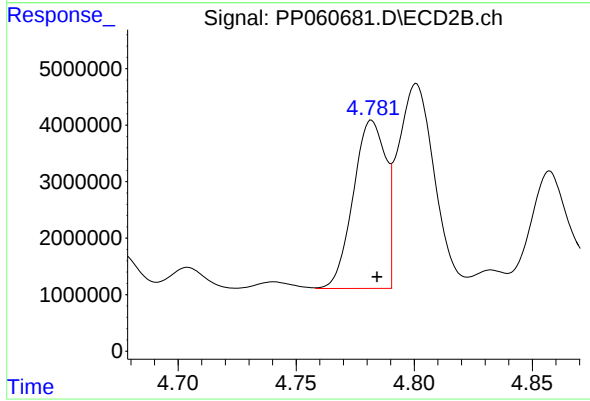
#15 AR-1232-5

R.T.: 5.236 min
Delta R.T.: -0.004 min
Response: 23023638
Conc: 1106.94 ng/ml



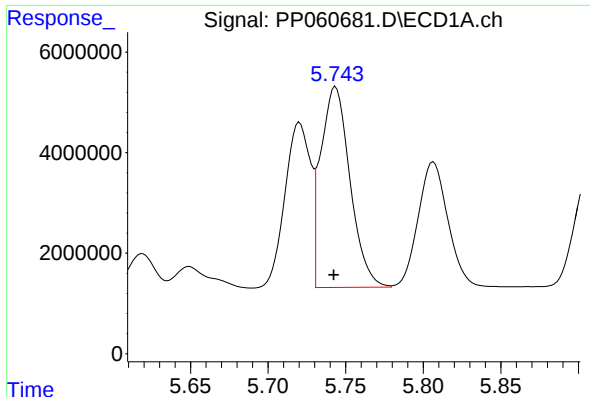
#16 AR-1242-1

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 37654126
Conc: 589.20 ng/ml



#16 AR-1242-1

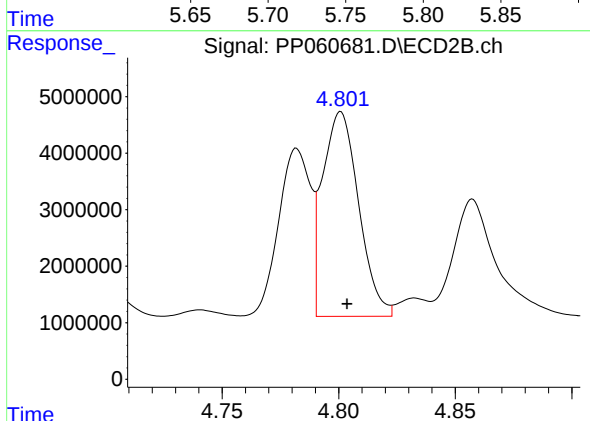
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 28430464
Conc: 561.57 ng/ml



#17 AR-1242-2

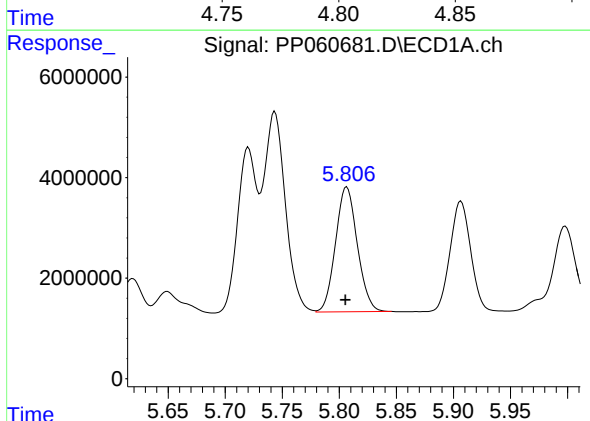
R.T.: 5.744 min
Delta R.T.: 0.001 min
Response: 52550765
Conc: 580.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



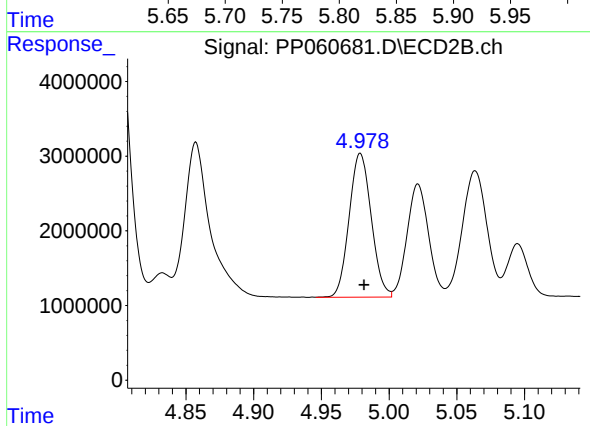
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 38980773
Conc: 561.32 ng/ml



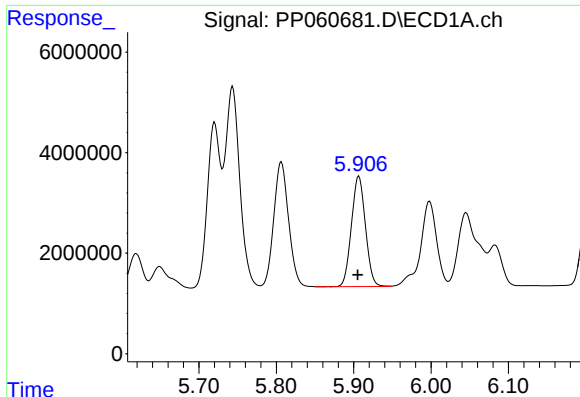
#18 AR-1242-3

R.T.: 5.807 min
Delta R.T.: 0.001 min
Response: 33044600
Conc: 586.93 ng/ml



#18 AR-1242-3

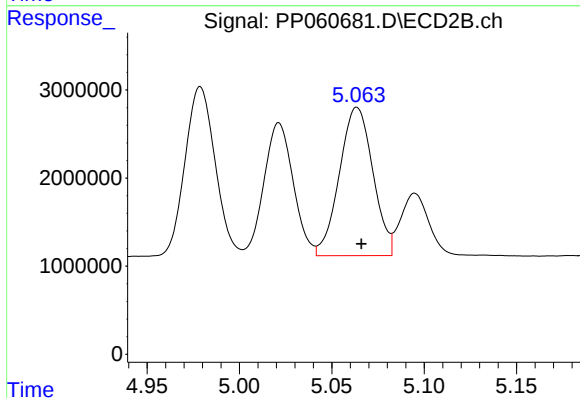
R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 21890166
Conc: 568.42 ng/ml



#19 AR-1242-4

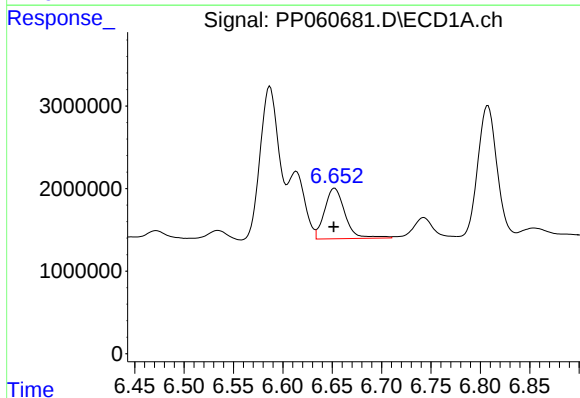
R.T.: 5.907 min
Delta R.T.: 0.001 min
Response: 27564991
Conc: 590.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



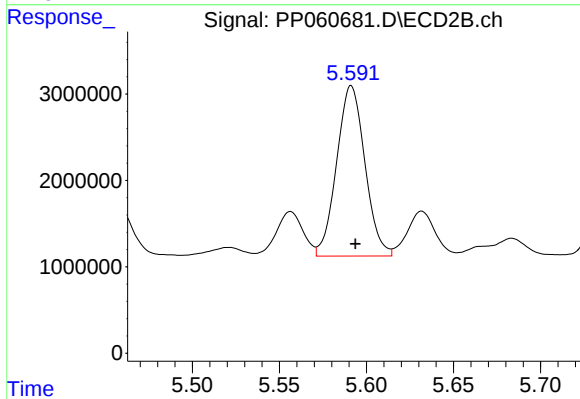
#19 AR-1242-4

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 21274518
Conc: 540.20 ng/ml



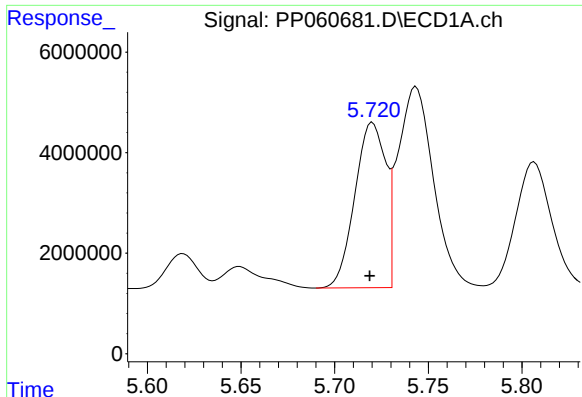
#20 AR-1242-5

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 8822358
Conc: 175.41 ng/ml



#20 AR-1242-5

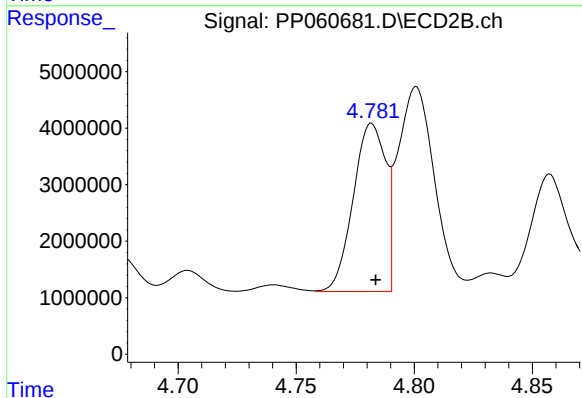
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 22307828
Conc: 456.03 ng/ml



#21 AR-1248-1

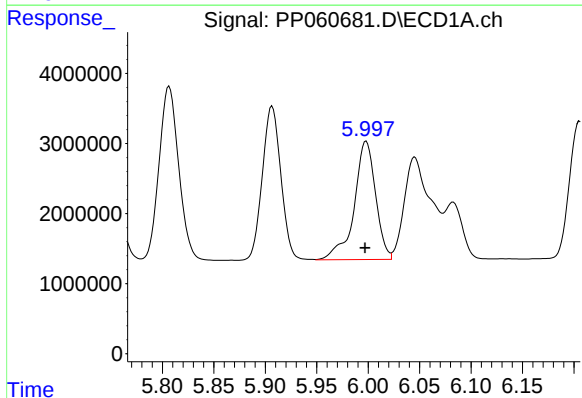
R.T.: 5.720 min
Delta R.T.: 0.001 min
Response: 37654126
Conc: 809.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



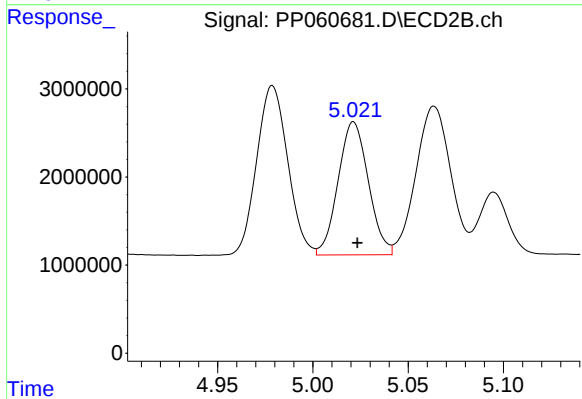
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 28430464
Conc: 779.05 ng/ml



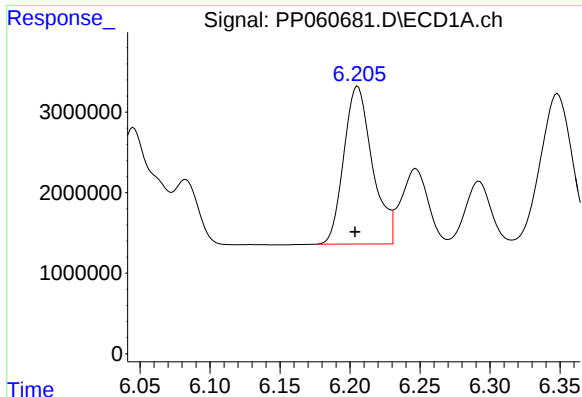
#22 AR-1248-2

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 24502427
Conc: 353.39 ng/ml



#22 AR-1248-2

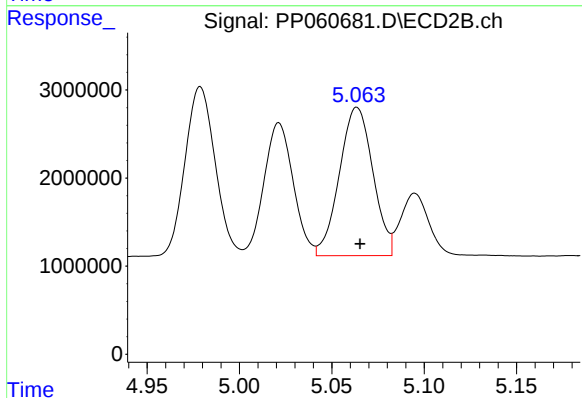
R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 16706878
Conc: 319.61 ng/ml



#23 AR-1248-3

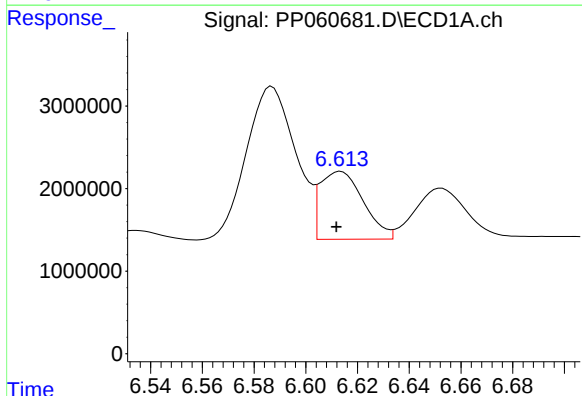
R.T.: 6.206 min
Delta R.T.: 0.002 min
Response: 27784158
Conc: 365.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



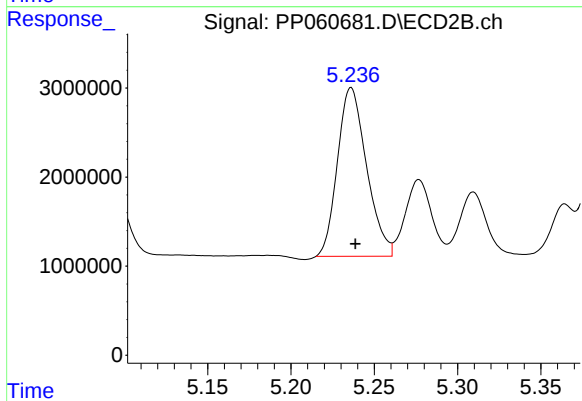
#23 AR-1248-3

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 21274518
Conc: 383.16 ng/ml



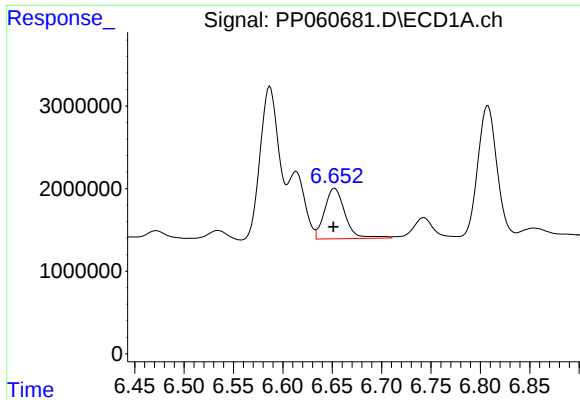
#24 AR-1248-4

R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 9526061
Conc: 115.18 ng/ml



#24 AR-1248-4

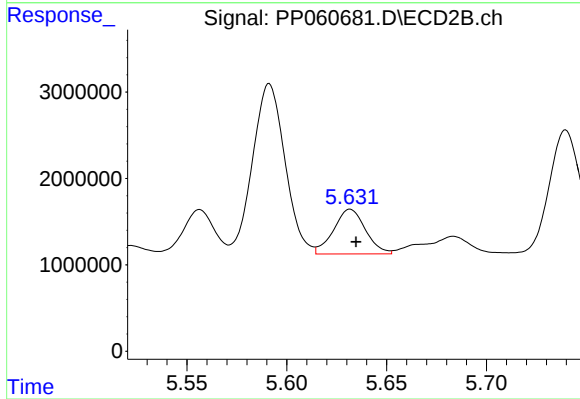
R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 23023638
Conc: 349.76 ng/ml



#25 AR-1248-5

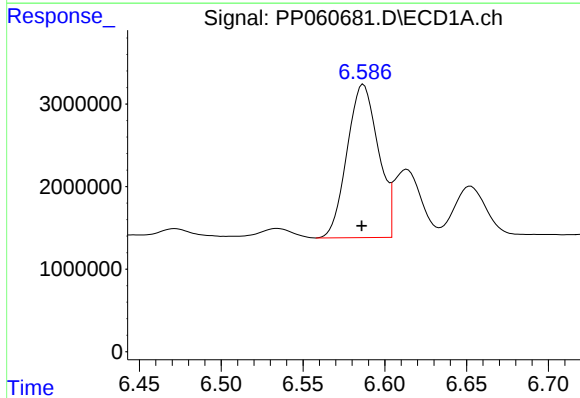
R.T.: 6.652 min
Delta R.T.: 0.001 min
Response: 8822358
Conc: 109.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



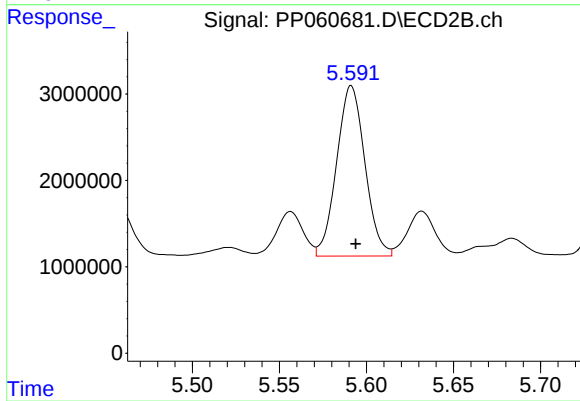
#25 AR-1248-5

R.T.: 5.632 min
Delta R.T.: -0.003 min
Response: 5774090
Conc: 89.77 ng/ml



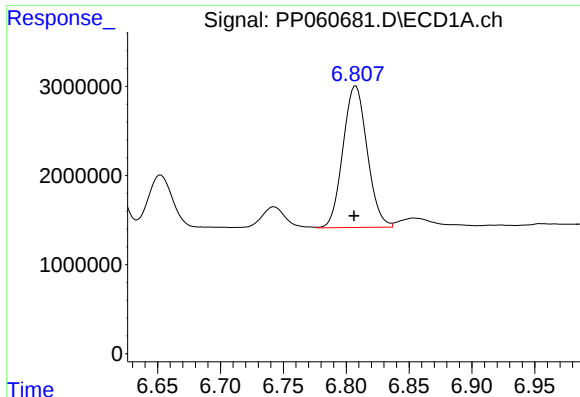
#26 AR-1254-1

R.T.: 6.587 min
Delta R.T.: 0.001 min
Response: 24582508
Conc: 288.05 ng/ml



#26 AR-1254-1

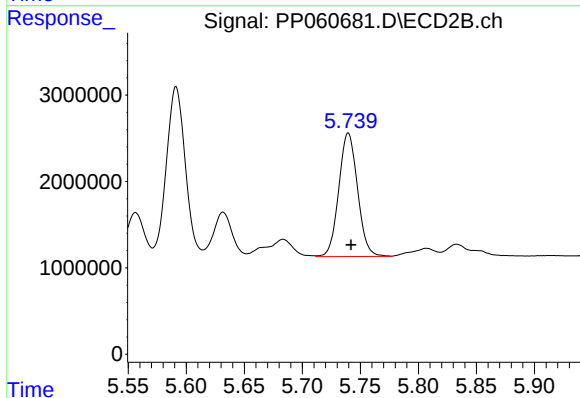
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 22307828
Conc: 225.52 ng/ml



#27 AR-1254-2

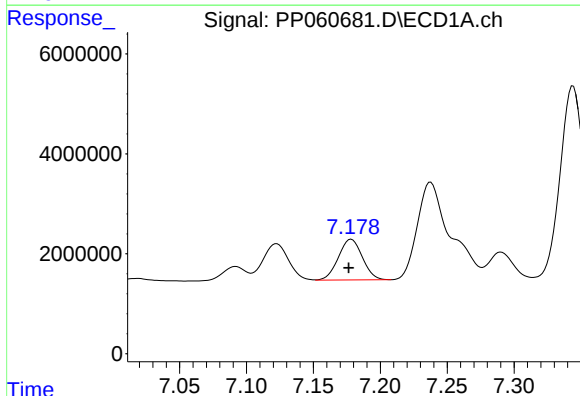
R.T.: 6.808 min
Delta R.T.: 0.001 min
Response: 21313308
Conc: 167.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



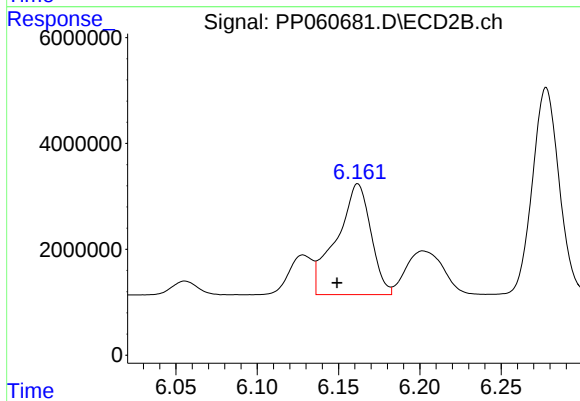
#27 AR-1254-2

R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 16128459
Conc: 187.66 ng/ml



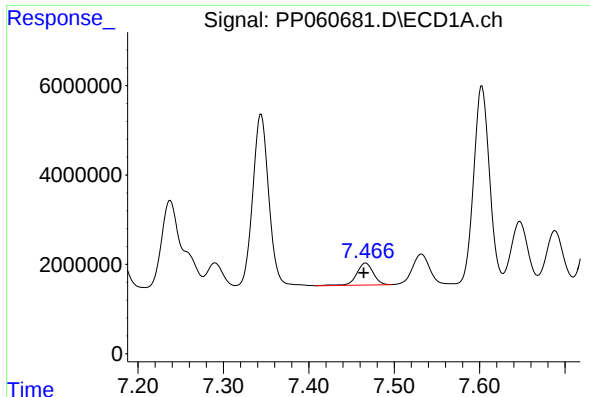
#28 AR-1254-3

R.T.: 7.178 min
Delta R.T.: 0.002 min
Response: 10169190
Conc: 76.51 ng/ml



#28 AR-1254-3

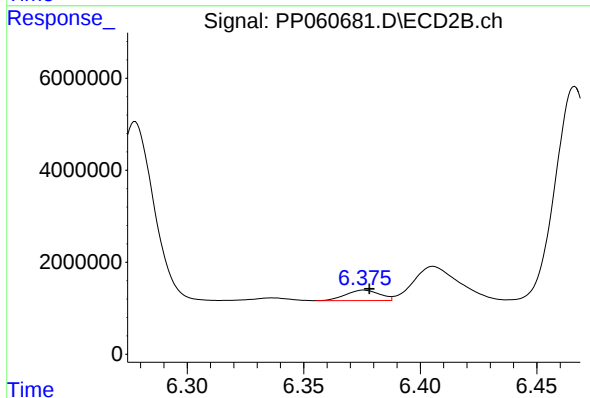
R.T.: 6.162 min
Delta R.T.: 0.013 min
Response: 30673573
Conc: 214.01 ng/ml



#29 AR-1254-4

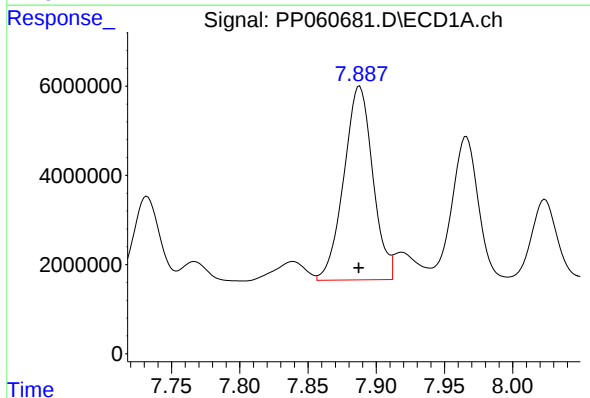
R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 6624538
Conc: 67.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



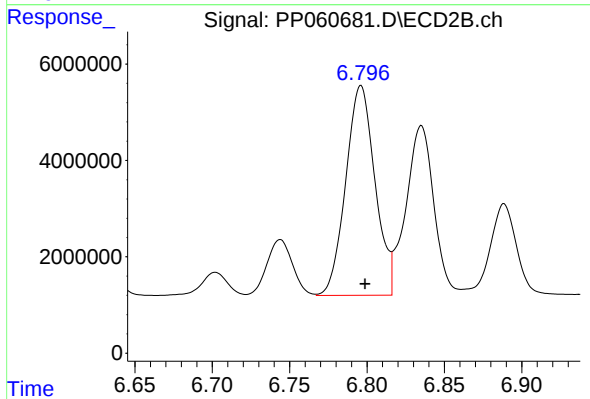
#29 AR-1254-4

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 2318888
Conc: 26.60 ng/ml



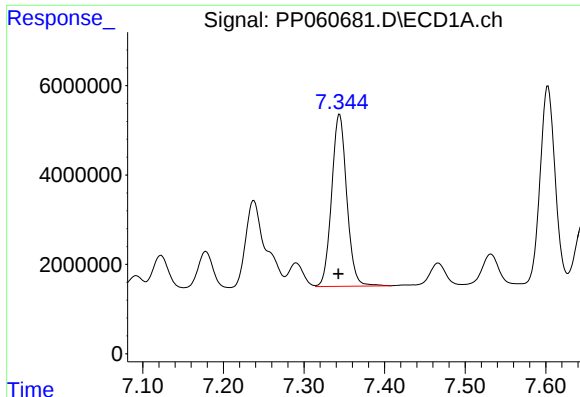
#30 AR-1254-5

R.T.: 7.888 min
Delta R.T.: 0.000 min
Response: 64105815
Conc: 591.69 ng/ml



#30 AR-1254-5

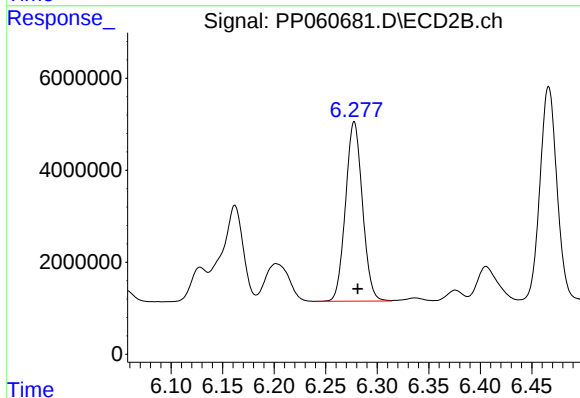
R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 57311883
Conc: 452.27 ng/ml



#31 AR-1260-1

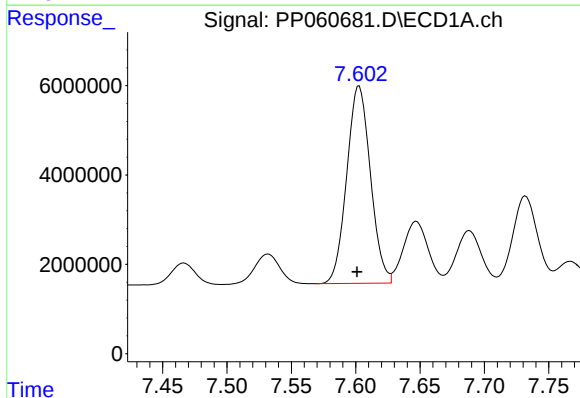
R.T.: 7.344 min
Delta R.T.: 0.001 min
Response: 50105941
Conc: 478.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



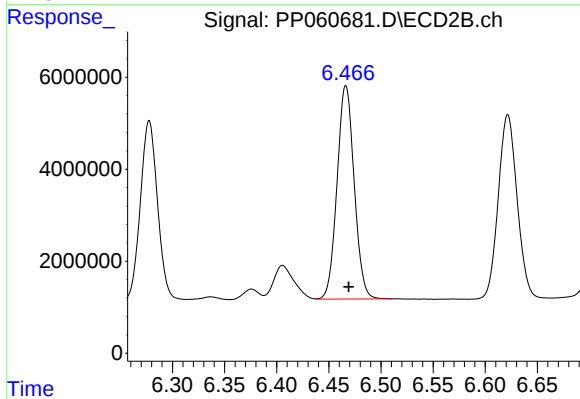
#31 AR-1260-1

R.T.: 6.278 min
Delta R.T.: -0.003 min
Response: 44563939
Conc: 443.97 ng/ml



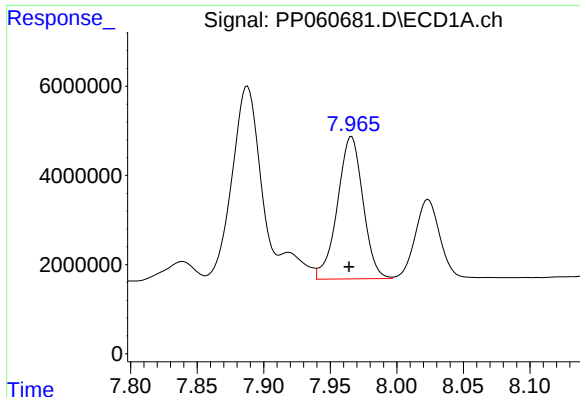
#32 AR-1260-2

R.T.: 7.603 min
Delta R.T.: 0.002 min
Response: 56620048
Conc: 468.30 ng/ml



#32 AR-1260-2

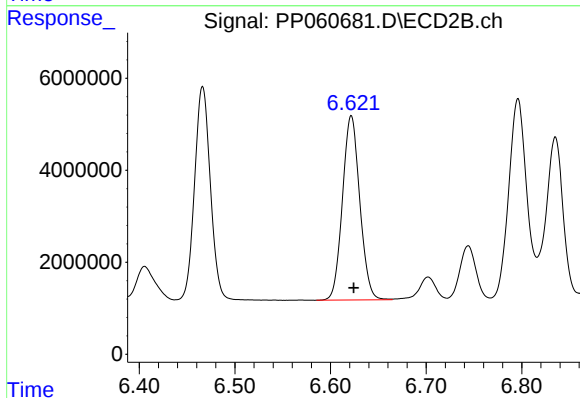
R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 53067166
Conc: 444.80 ng/ml



#33 AR-1260-3

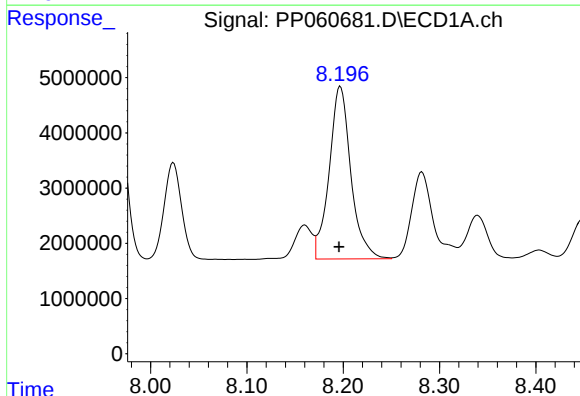
R.T.: 7.966 min
Delta R.T.: 0.002 min
Response: 42603881
Conc: 459.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



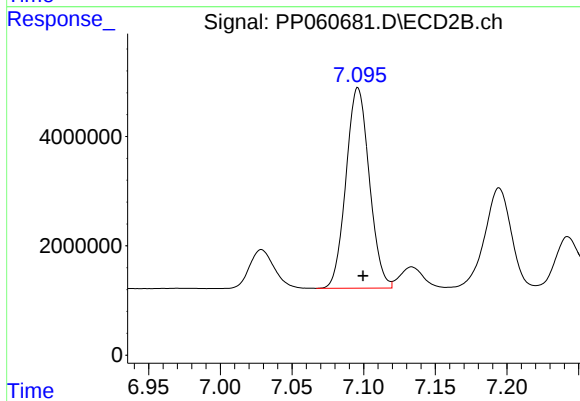
#33 AR-1260-3

R.T.: 6.622 min
Delta R.T.: -0.003 min
Response: 50640795
Conc: 442.30 ng/ml



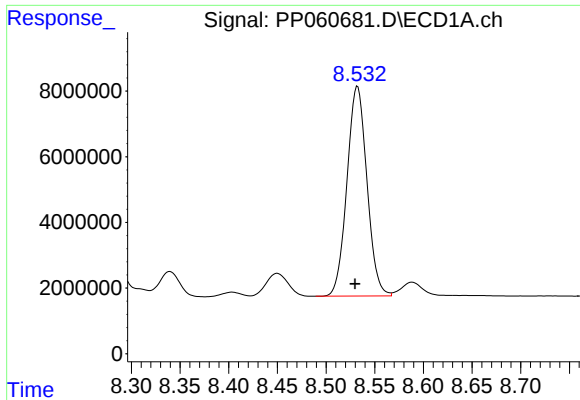
#34 AR-1260-4

R.T.: 8.197 min
Delta R.T.: 0.001 min
Response: 48989593
Conc: 461.94 ng/ml



#34 AR-1260-4

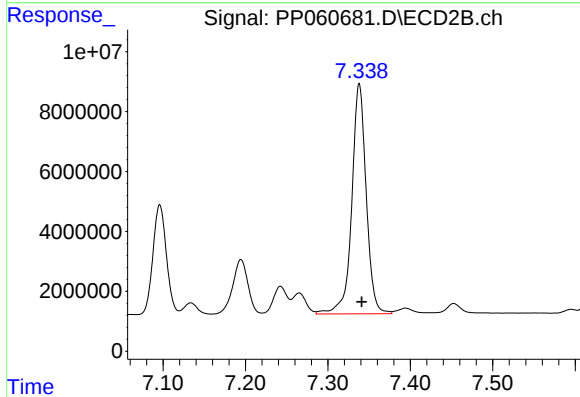
R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 41544874
Conc: 436.48 ng/ml



#35 AR-1260-5

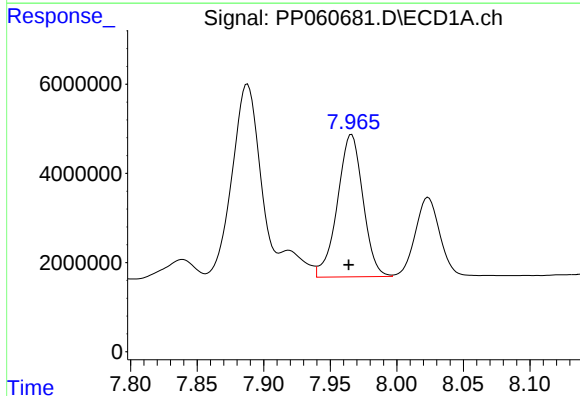
R.T.: 8.532 min
Delta R.T.: 0.003 min
Response: 91209216
Conc: 471.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



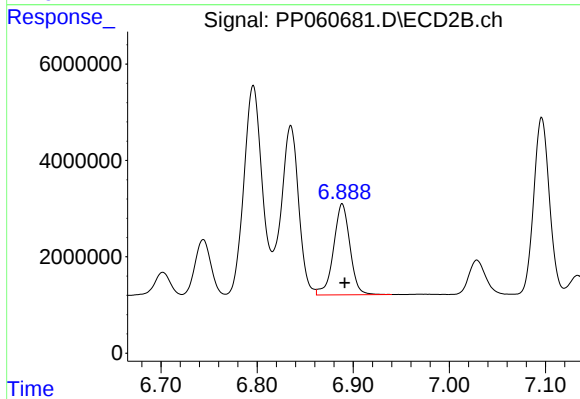
#35 AR-1260-5

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 93603245
Conc: 431.92 ng/ml



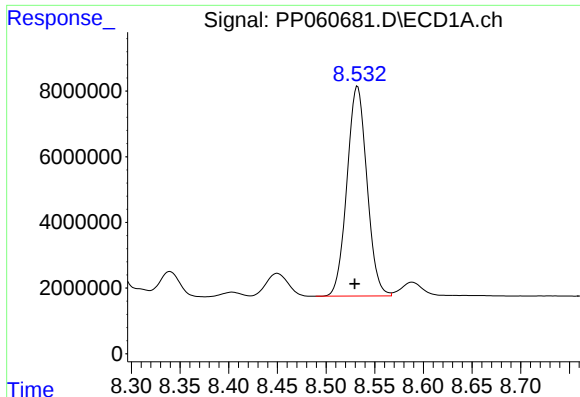
#36 AR-1262-1

R.T.: 7.966 min
Delta R.T.: 0.002 min
Response: 42603881
Conc: 341.55 ng/ml



#36 AR-1262-1

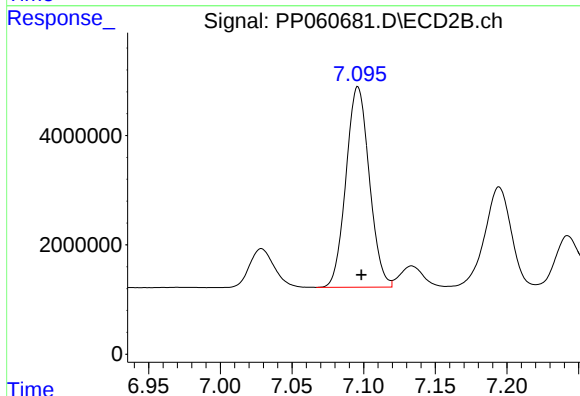
R.T.: 6.889 min
Delta R.T.: -0.003 min
Response: 22402343
Conc: 418.36 ng/ml



#37 AR-1262-2

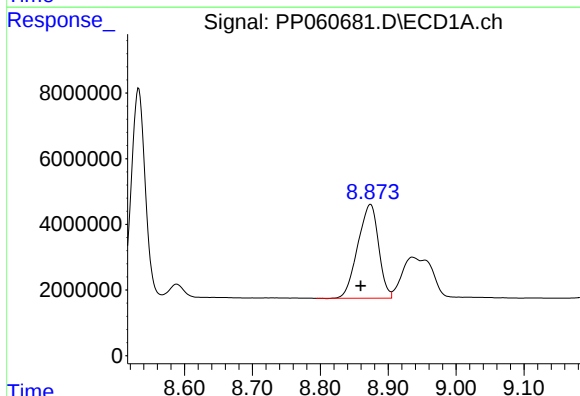
R.T.: 8.532 min
Delta R.T.: 0.003 min
Response: 91209216
Conc: 435.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



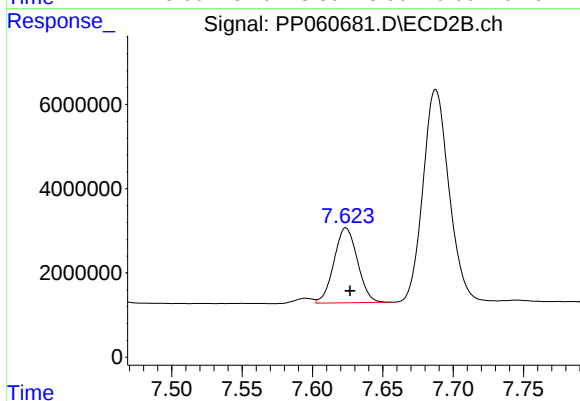
#37 AR-1262-2

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 41544874
Conc: 352.22 ng/ml



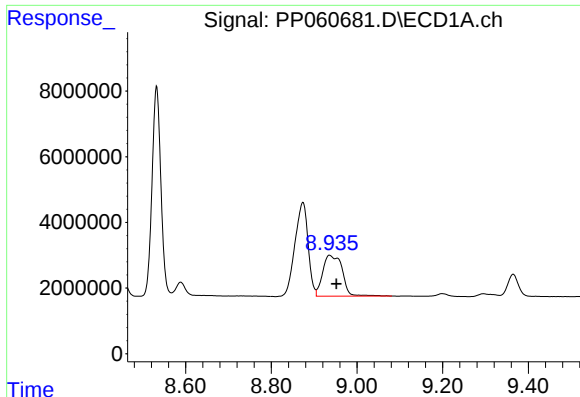
#38 AR-1262-3

R.T.: 8.874 min
Delta R.T.: 0.014 min
Response: 60812722
Conc: 401.84 ng/ml



#38 AR-1262-3

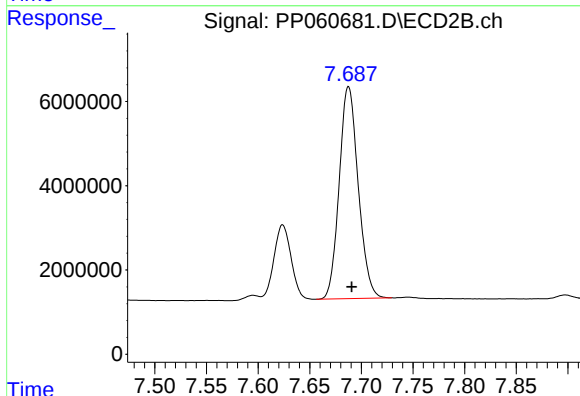
R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 20651694
Conc: 223.97 ng/ml



#39 AR-1262-4

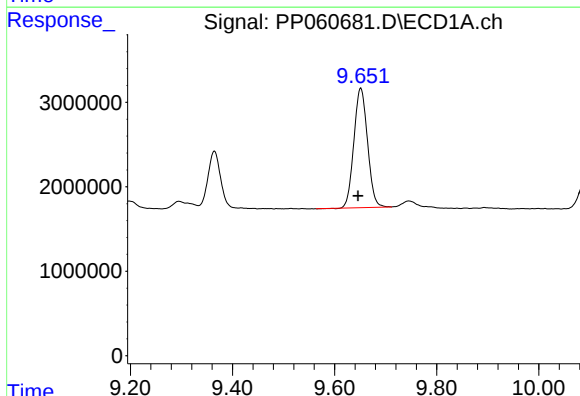
R.T.: 8.936 min
Delta R.T.: -0.016 min
Response: 39340380
Conc: 328.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



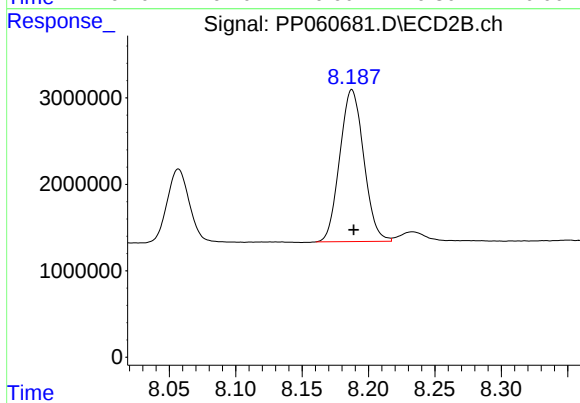
#39 AR-1262-4

R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 64526137
Conc: 383.03 ng/ml



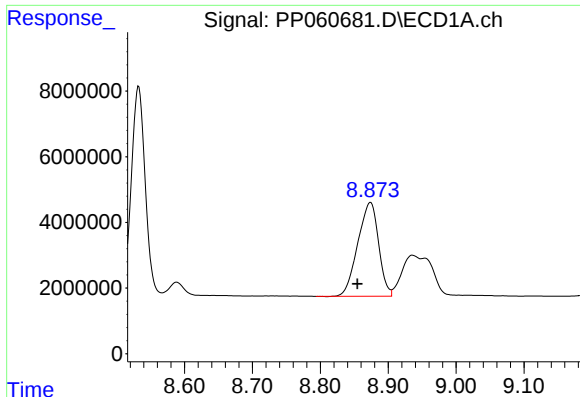
#40 AR-1262-5

R.T.: 9.651 min
Delta R.T.: 0.005 min
Response: 26218051
Conc: 327.46 ng/ml



#40 AR-1262-5

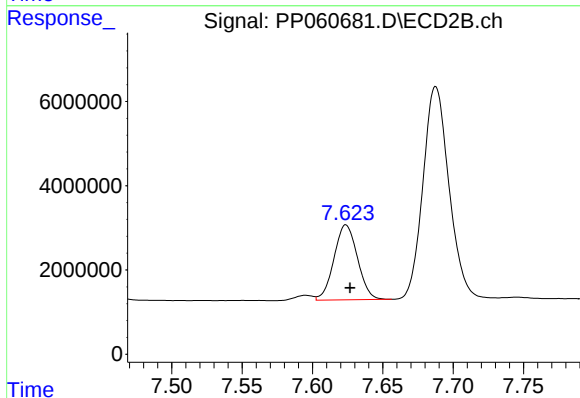
R.T.: 8.188 min
Delta R.T.: -0.001 min
Response: 22139046
Conc: 285.76 ng/ml



#41 AR-1268-1

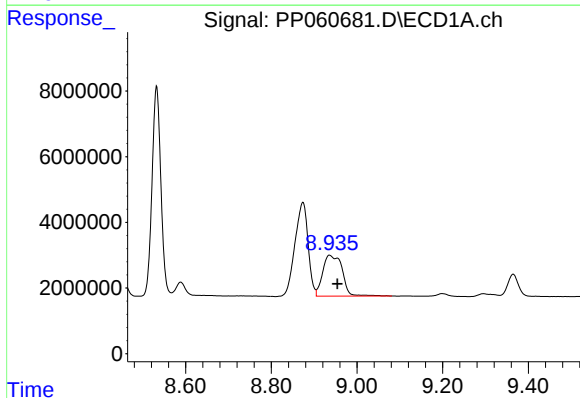
R.T.: 8.874 min
Delta R.T.: 0.019 min
Response: 60812722
Conc: 229.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



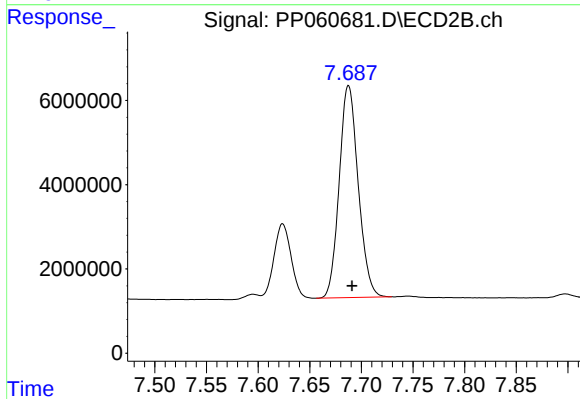
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 20651694
Conc: 75.97 ng/ml



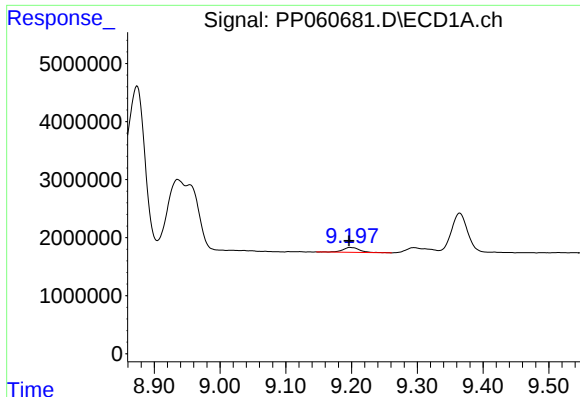
#42 AR-1268-2

R.T.: 8.936 min
Delta R.T.: -0.018 min
Response: 39340380
Conc: 161.41 ng/ml



#42 AR-1268-2

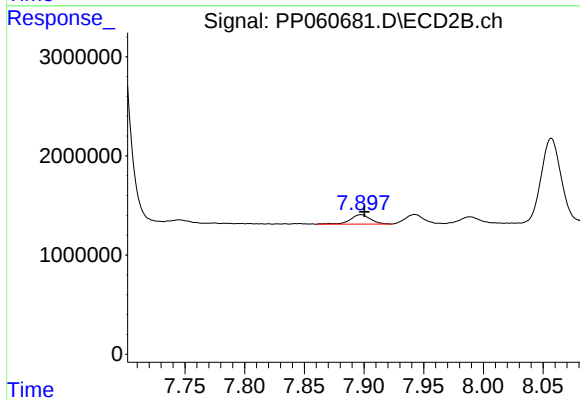
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 64526137
Conc: 264.59 ng/ml



#43 AR-1268-3

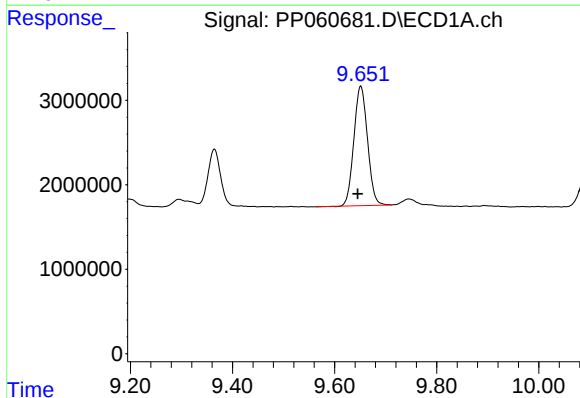
R.T.: 9.199 min
Delta R.T.: 0.002 min
Response: 1512687
Conc: 7.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



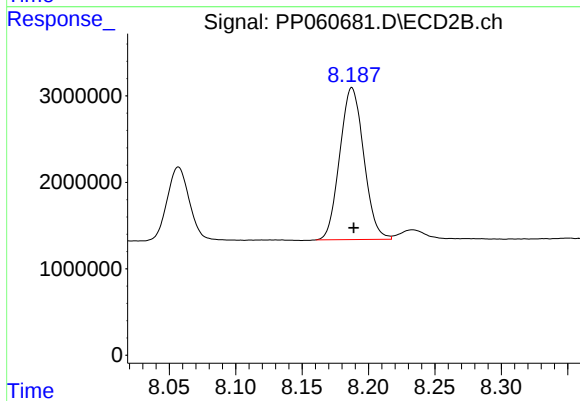
#43 AR-1268-3

R.T.: 7.898 min
Delta R.T.: -0.003 min
Response: 1132603
Conc: 5.30 ng/ml



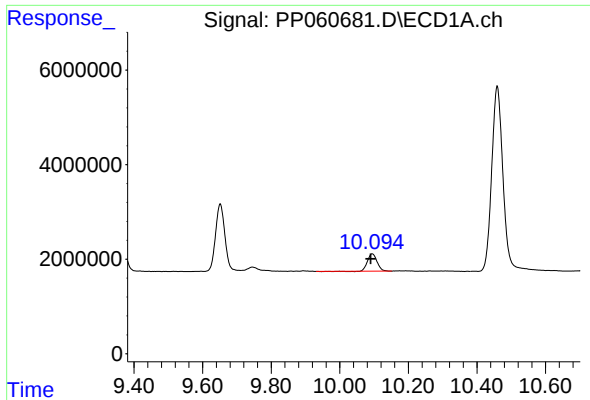
#44 AR-1268-4

R.T.: 9.651 min
Delta R.T.: 0.006 min
Response: 26218051
Conc: 283.80 ng/ml



#44 AR-1268-4

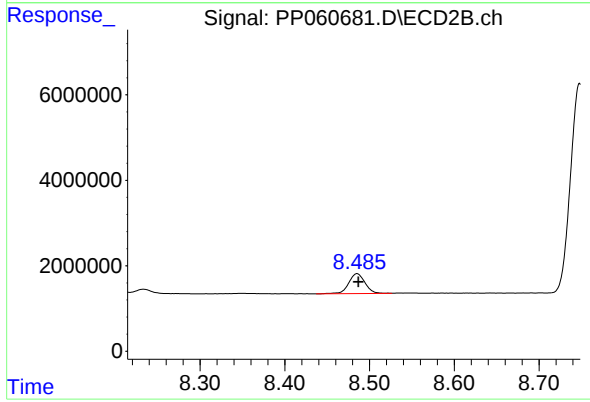
R.T.: 8.188 min
Delta R.T.: -0.001 min
Response: 22139046
Conc: 252.33 ng/ml



#45 AR-1268-5

R.T.: 10.095 min
Delta R.T.: 0.005 min
Response: 6967473
Conc: 11.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.485 min
Delta R.T.: -0.002 min
Response: 6265106
Conc: 10.02 ng/ml