

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121423AR\
 Data File : FD047039.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2023 22:27
 Operator : YP/AJ
 Sample : 05791-10
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 14 23:26:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.475	11466782	66.280 ug/ml
Spiked Amount 50.000		Recovery =	132.56%
6) S 2-Fluorobiphenyl (SURR)	8.326	6278960	57.742 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.48%
11) S ortho-Terphenyl (SURR)	11.365	11019360	55.375 ug/ml
Spiked Amount 50.000		Recovery =	110.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.253	21519	0.116 ug/ml
3) T 2-Methylnaphthalene (...)	6.868	134579	0.699 ug/ml
5) T Acenaphthylene (C15.06)	8.184f	74583	0.428 ug/ml
7) T Acenaphthene (C15.5)	8.414	59119	0.319 ug/ml
8) T Fluorene (C16.55)	9.216	40268	0.233 ug/ml
12) T Fluoranthene (C21.85)	12.421	265249	1.674 ug/ml
13) T Pyrene (C20.8)	12.709	54101	0.354 ug/ml
14) T Benzo[a]anthracene (C...	14.537	225865	1.742 ug/ml
15) T Chrysene (C27.41)	14.572	309904	2.162 ug/ml
16) T benzo[b]fluoranthene ...	16.075	480980	3.601 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	622973	4.560 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.453	1387249	10.589 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.806	137996	1.157 ug/ml
20) T Dibenz[a,h]anthracene...	17.806f	137996	1.062 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	1071613	8.190 ug/ml

(f)=RT Delta > 1/2 Window

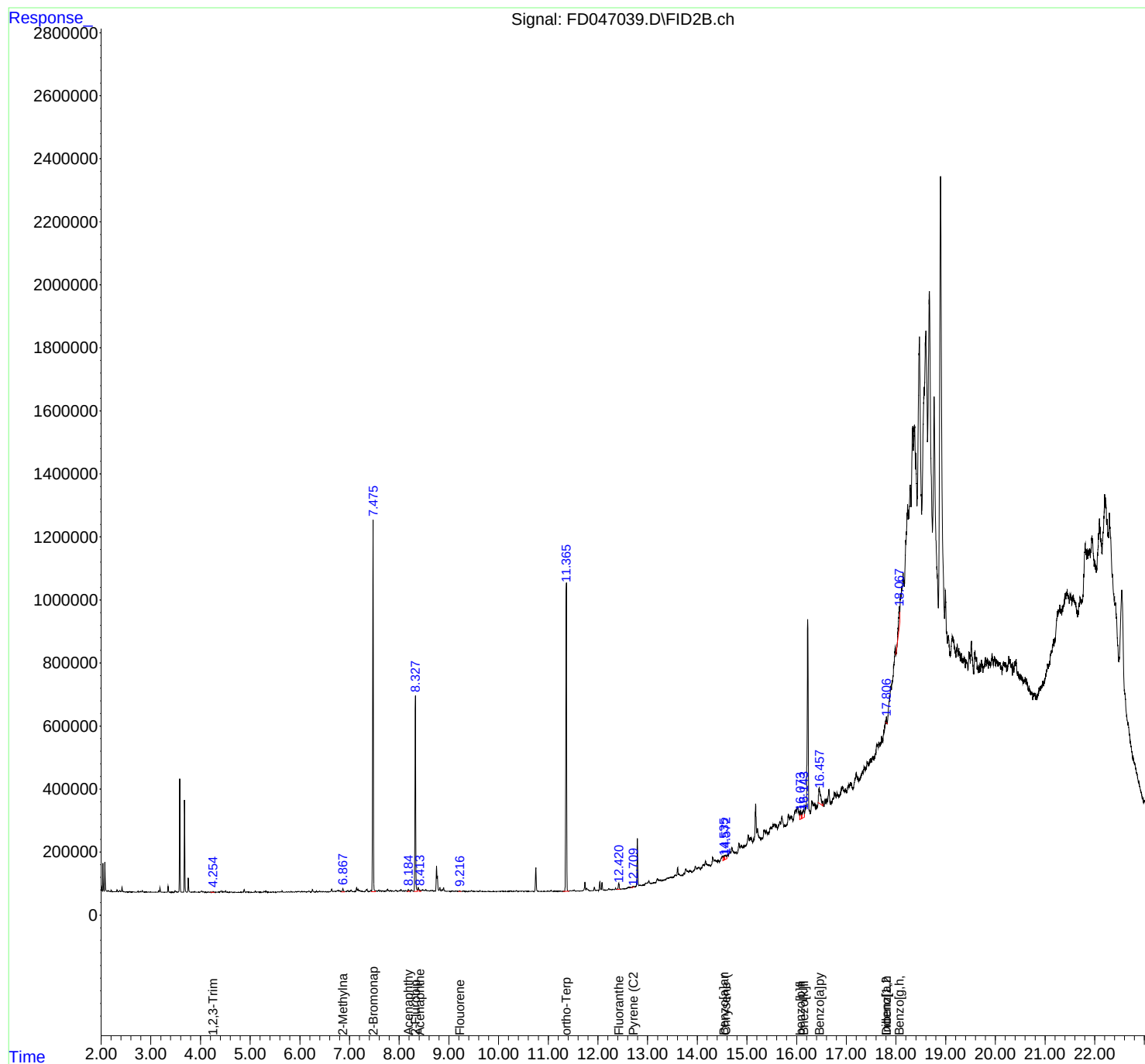
(m)=manual int.

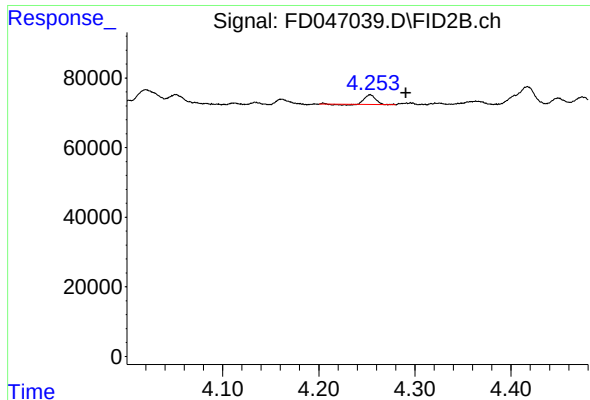
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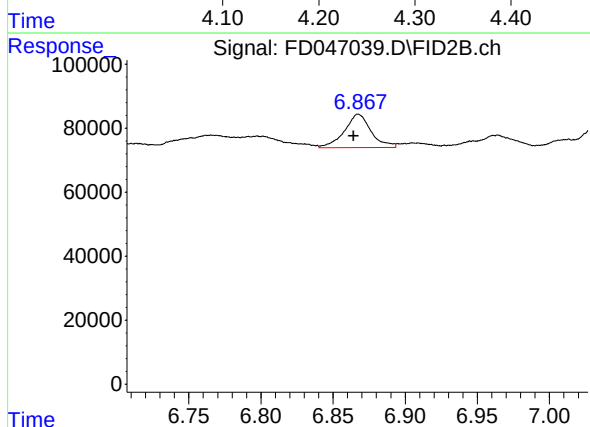
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.253 min
Delta R.T.: -0.038 min
Response: 21519
Conc: 0.12 ug/ml

Instrument :

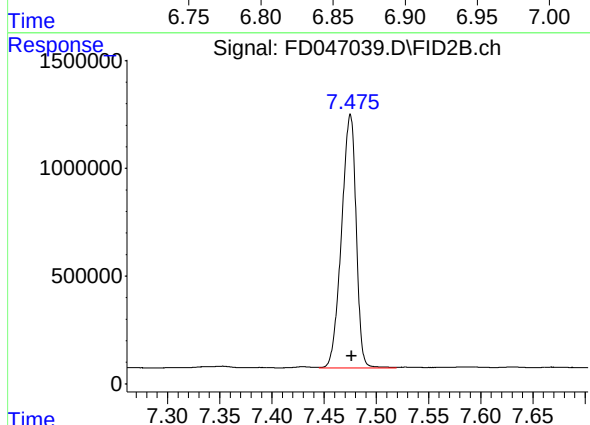
FID_D

ClientSampleId :



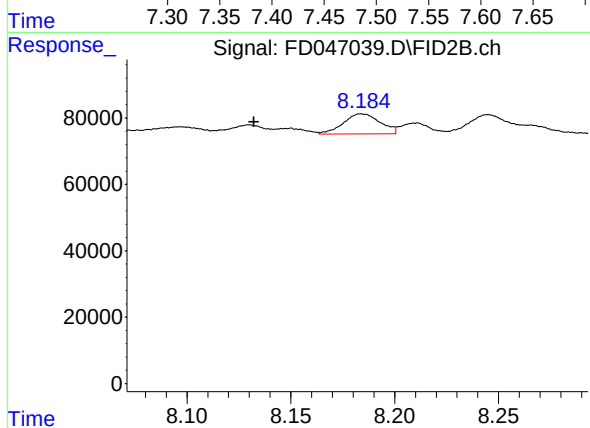
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.868 min
Delta R.T.: 0.003 min
Response: 134579
Conc: 0.70 ug/ml



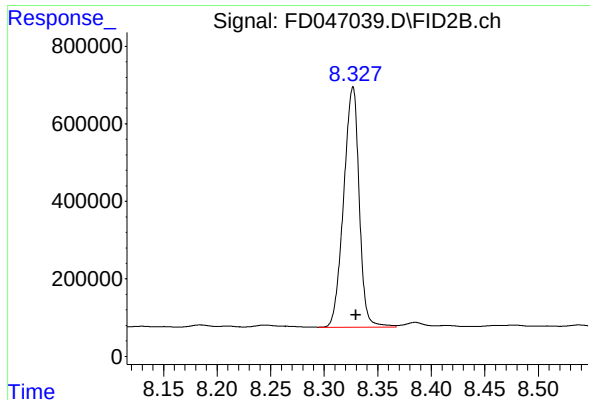
#4 2-Bromonaphthalene (SURR)

R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 11466782
Conc: 66.28 ug/ml



#5 Acenaphthylene (C15.06)

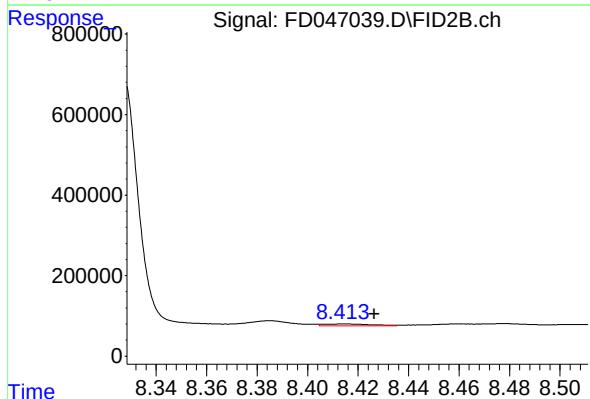
R.T.: 8.184 min
Delta R.T.: 0.052 min
Response: 74583
Conc: 0.43 ug/ml



#6 2-Fluorobiphenyl (SURR)

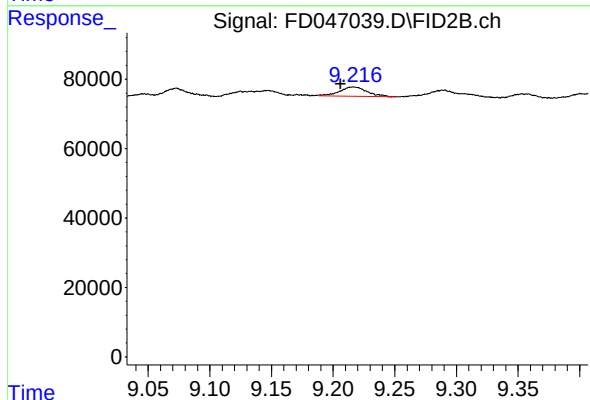
R.T.: 8.326 min
Delta R.T.: -0.003 min
Response: 6278960
Conc: 57.74 ug/ml

Instrument :
FID_D
ClientSampleId :



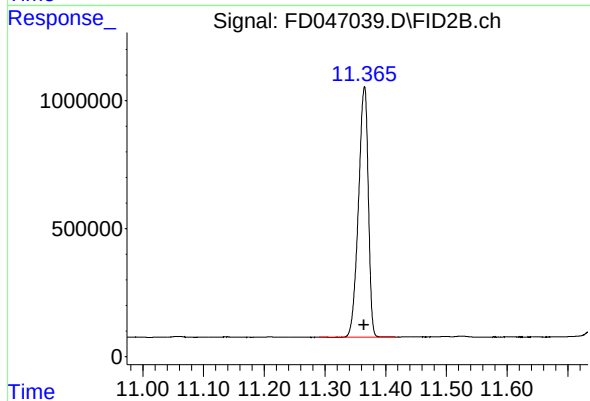
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: -0.012 min
Response: 59119
Conc: 0.32 ug/ml



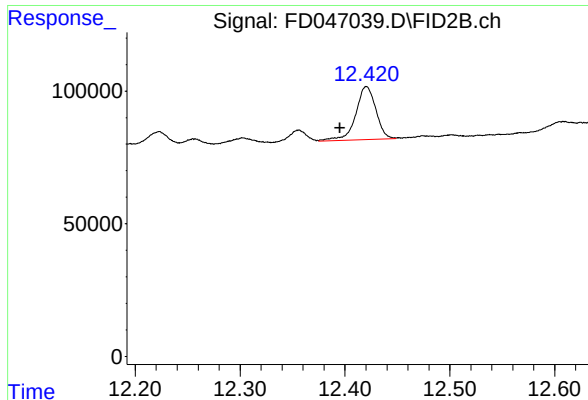
#8 Flouorene (C16.55)

R.T.: 9.216 min
Delta R.T.: 0.011 min
Response: 40268
Conc: 0.23 ug/ml



#11 ortho-Terphenyl (SURR)

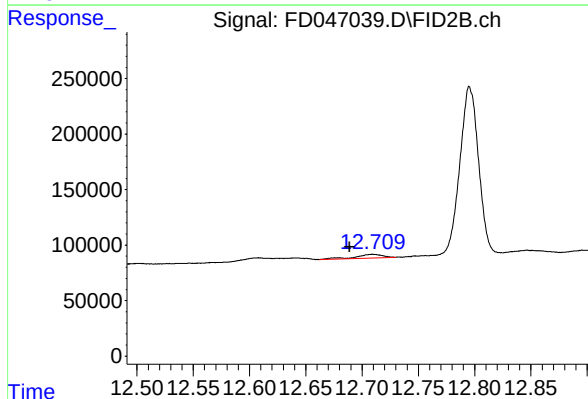
R.T.: 11.365 min
Delta R.T.: 0.000 min
Response: 11019360
Conc: 55.37 ug/ml



#12 Fluoranthene (C21.85)

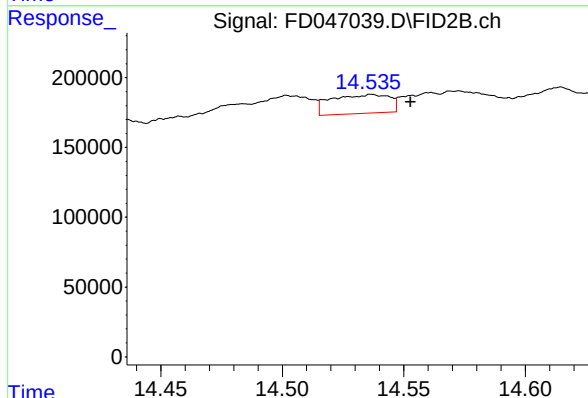
R.T.: 12.421 min
Delta R.T.: 0.025 min
Response: 265249
Conc: 1.67 ug/ml

Instrument :
FID_D
ClientSampleId :



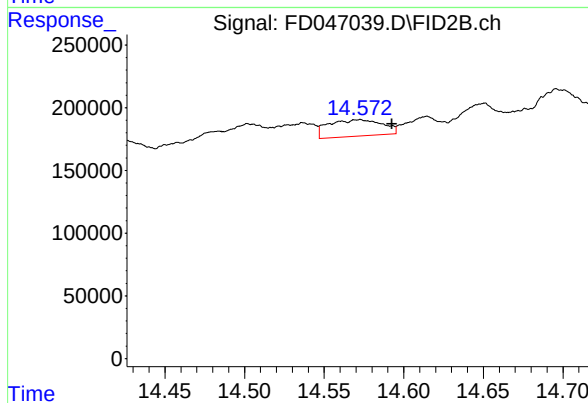
#13 Pyrene (C20.8)

R.T.: 12.709 min
Delta R.T.: 0.020 min
Response: 54101
Conc: 0.35 ug/ml



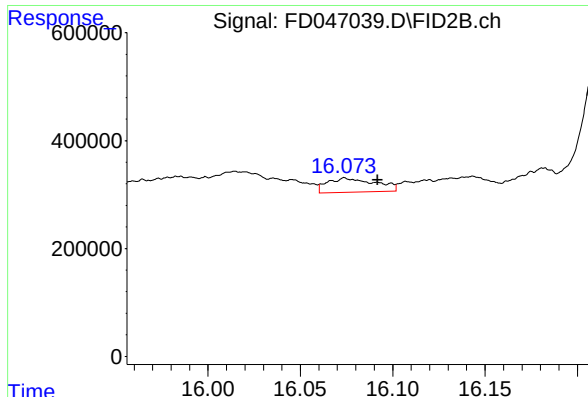
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.537 min
Delta R.T.: -0.015 min
Response: 225865
Conc: 1.74 ug/ml



#15 Chrysene (C27.41)

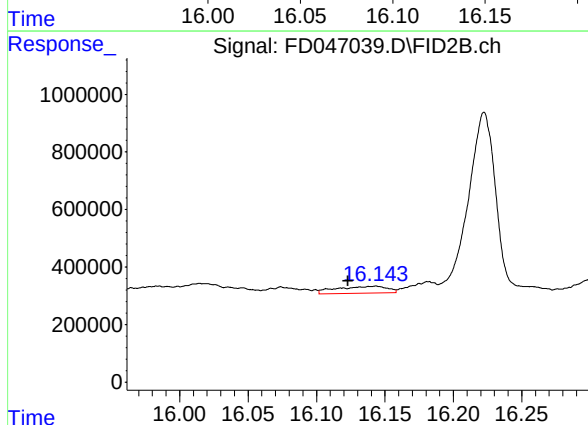
R.T.: 14.572 min
Delta R.T.: -0.021 min
Response: 309904
Conc: 2.16 ug/ml



#16 benzo[b]fluoranthene (C30.41)

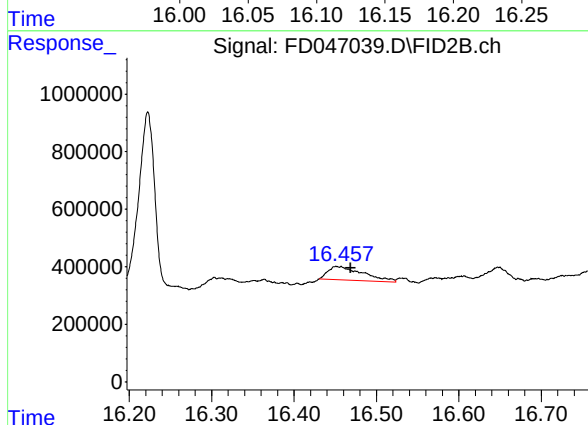
R.T.: 16.075 min
Delta R.T.: -0.017 min
Response: 480980
Conc: 3.60 ug/ml

Instrument :
FID_D
ClientSampleId :



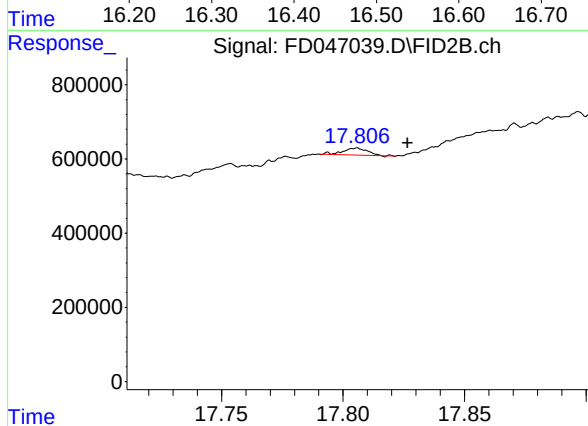
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.143 min
Delta R.T.: 0.020 min
Response: 622973
Conc: 4.56 ug/ml



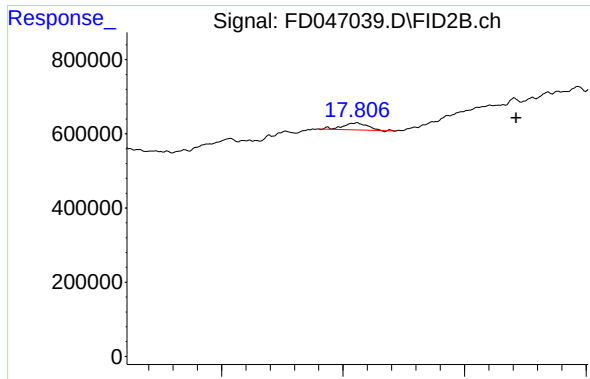
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.453 min
Delta R.T.: -0.016 min
Response: 1387249
Conc: 10.59 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

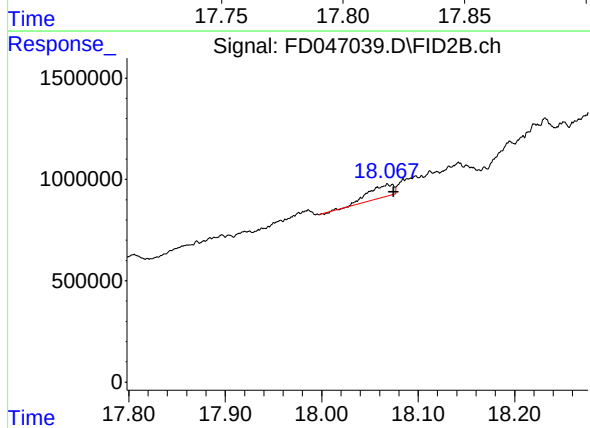
R.T.: 17.806 min
Delta R.T.: -0.021 min
Response: 137996
Conc: 1.16 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.806 min
Delta R.T.: -0.066 min
Response: 137996
Conc: 1.06 ug/ml

Instrument :
FID_D
ClientSampleId :



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.069 min
Delta R.T.: -0.005 min
Response: 1071613
Conc: 8.19 ug/ml