

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052025AR\
 Data File : FD049353.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2025 16:54
 Operator : YP/AJ
 Sample : Q2068-03
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LAW-25-0074

Integration File: autoint1.e
 Quant Time: May 21 03:14:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 2025
 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...	7.744	12157473	102.534 ug/ml
Spiked Amount 50.000		Recovery =	205.07%
6) S 2-Fluorobiphenyl (SURR)	8.620	28520652	361.148 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	722.30%#
11) S ortho-Terphenyl (SURR)	11.651	102564576	743.110 ug/ml
Spiked Amount 50.000		Recovery =	1486.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	193897	1.553 ug/ml
2) T Naphthalene (C11.7)	6.073	30638	0.232 ug/ml
3) T 2-Methylnaphthalene (...)	7.134	3383151	26.225 ug/ml
5) T Acenaphthylene (C15.06)	8.412	9180192	65.031 ug/ml
7) T Acenaphthene (C15.5)	8.708	16138789	117.790 ug/ml
8) T Fluorene (C16.55)	9.493	23512647	172.741 ug/ml
9) T Phenanthrene (C19.36)	10.916	76512518	567.508 ug/ml
10) T Anthracene (C19.43)	10.964	140275892	1186.073 ug/ml
12) T Fluoranthene (C21.85)	12.690	74189620	550.511 ug/ml
13) T Pyrene (C20.8)	12.985	181459690	1341.412 ug/ml
14) T Benzo[a]anthracene (C...	14.873	24979087	218.073 ug/ml
15) T Chrysene (C27.41)	14.899	75148197	643.870 ug/ml
16) T benzo[b]fluoranthene ...	16.390	8529197	70.265 ug/ml
17) T Bnezo[k]fluoranthene ...	16.390	8529197	71.516 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.775	3393006	29.509 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	1018376	9.280 ug/ml
20) T Dibenz[a,h]anthracene...	18.133	1018376	9.642 ug/ml
21) T Benzo[g,h,i]perylene ...	18.470f	40300	0.338 ug/ml

(f)=RT Delta > 1/2 Window

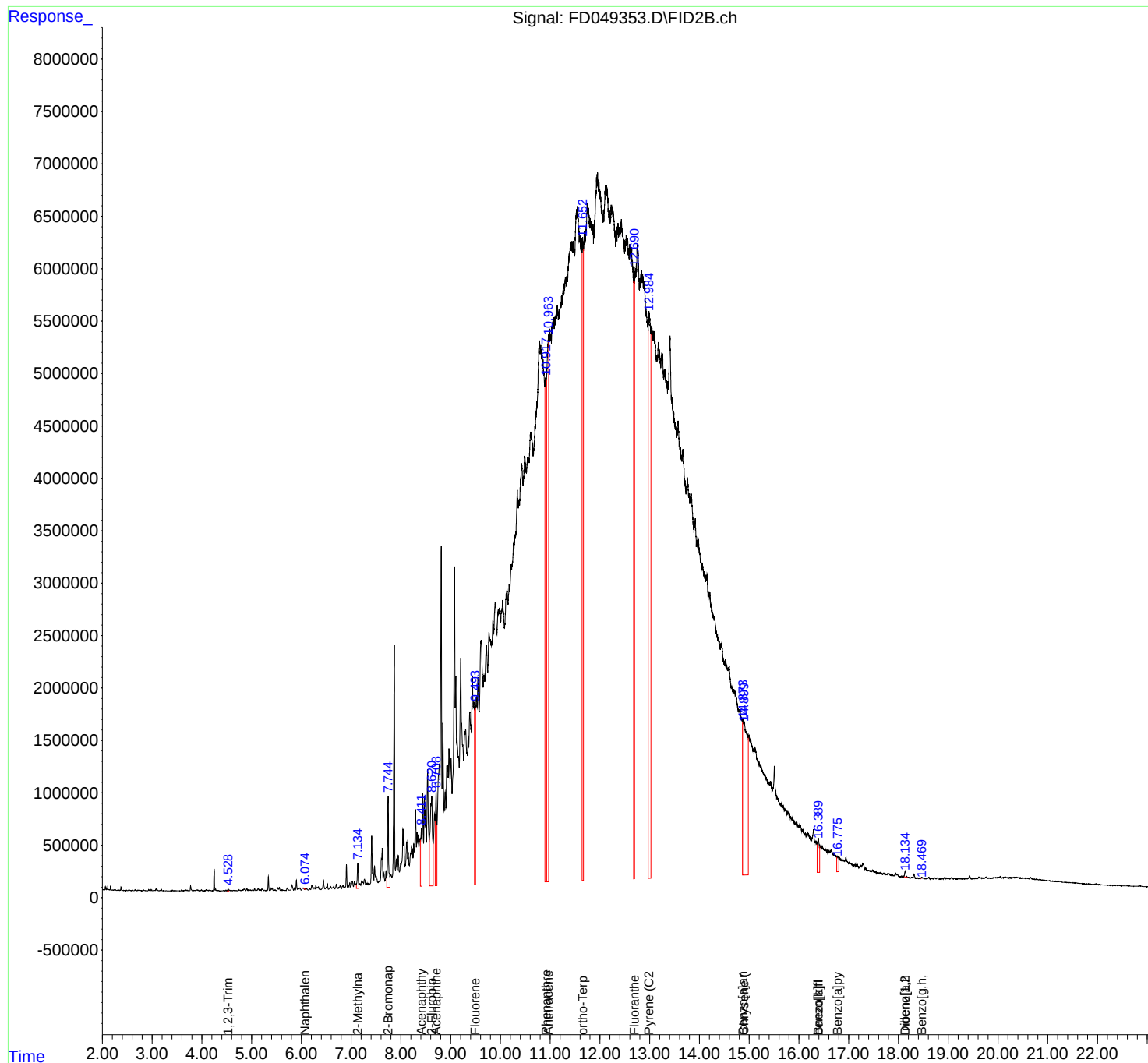
(m)=manual int.

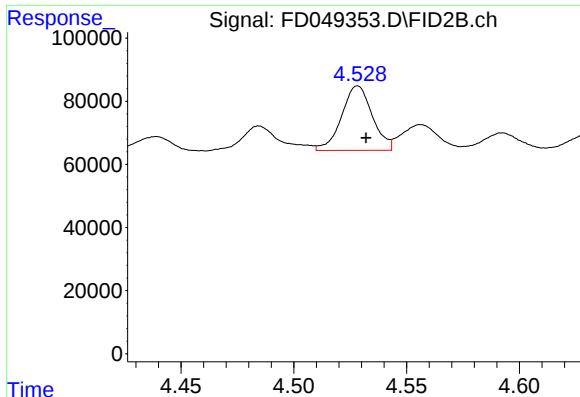
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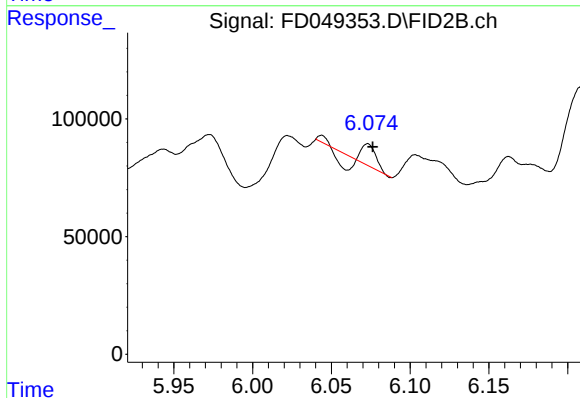




#1 1,2,3-Trimethylbenzene (C10.1)

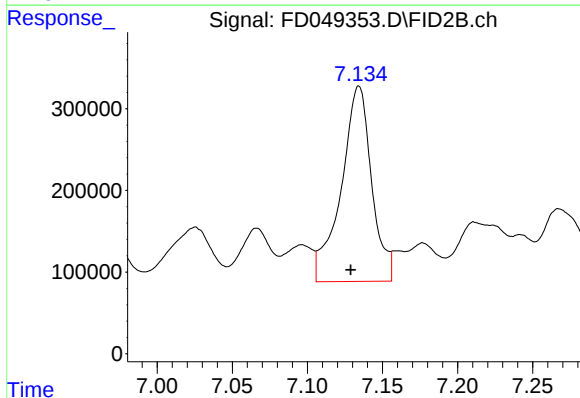
R.T.: 4.528 min
Delta R.T.: -0.004 min
Response: 193897
Conc: 1.55 ug/ml

Instrument :
FID_D
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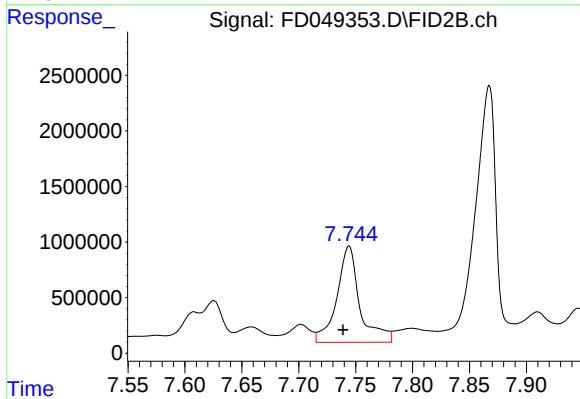
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 30638
Conc: 0.23 ug/ml



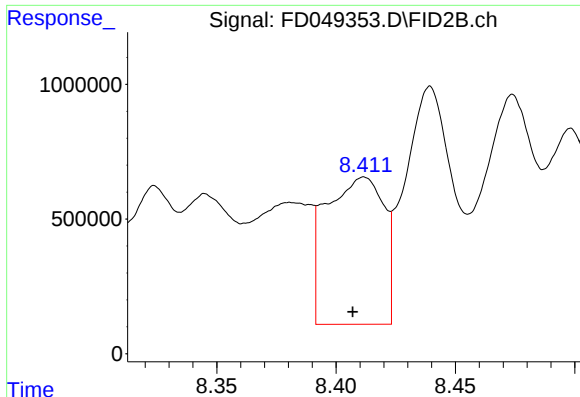
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: 0.006 min
Response: 3383151
Conc: 26.23 ug/ml



#4 2-Bromonaphthalene (SURR)

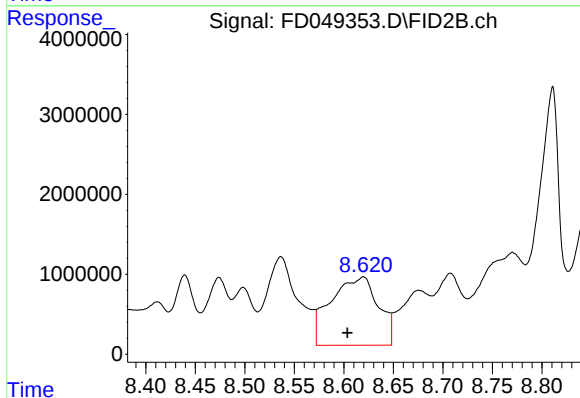
R.T.: 7.744 min
Delta R.T.: 0.005 min
Response: 12157473
Conc: 102.53 ug/ml



#5 Acenaphthylene (C15.06)

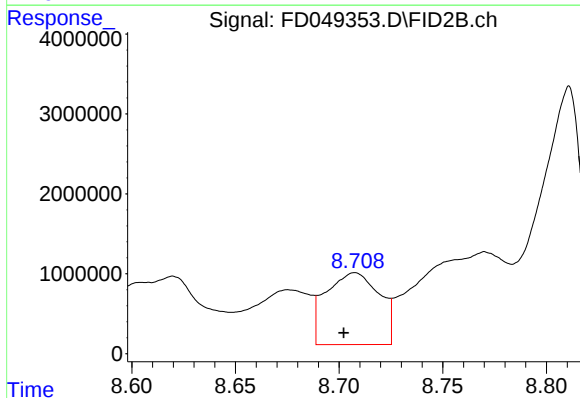
R.T.: 8.412 min
Delta R.T.: 0.005 min
Response: 9180192
Conc: 65.03 ug/ml

Instrument :
FID_D
ClientSampleId :
LAW-25-0074



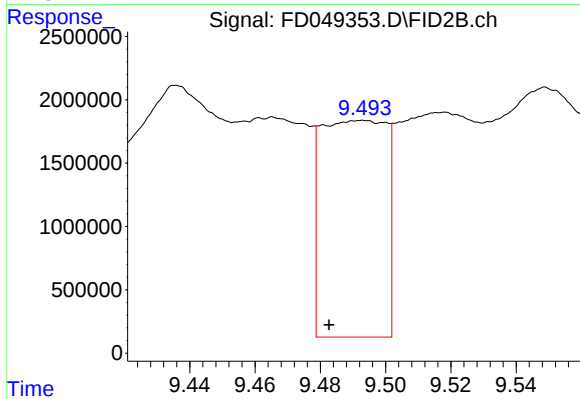
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.620 min
Delta R.T.: 0.016 min
Response: 28520652
Conc: 361.15 ug/ml



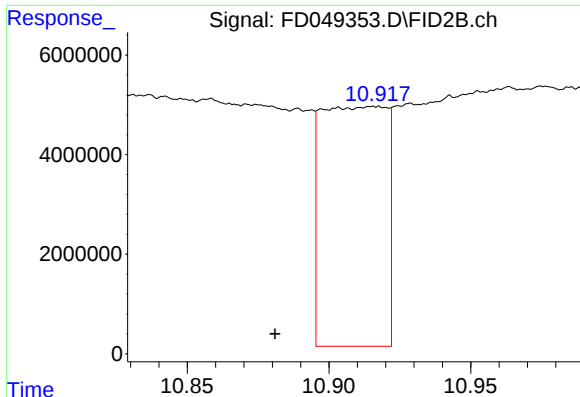
#7 Acenaphthene (C15.5)

R.T.: 8.708 min
Delta R.T.: 0.005 min
Response: 16138789
Conc: 117.79 ug/ml



#8 Fluorene (C16.55)

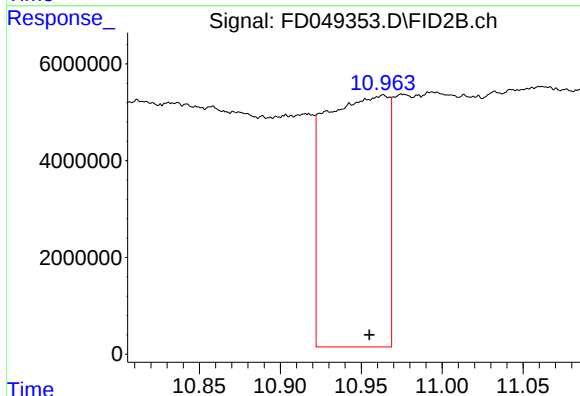
R.T.: 9.493 min
Delta R.T.: 0.010 min
Response: 23512647
Conc: 172.74 ug/ml



#9 Phenanthrene (C19.36)

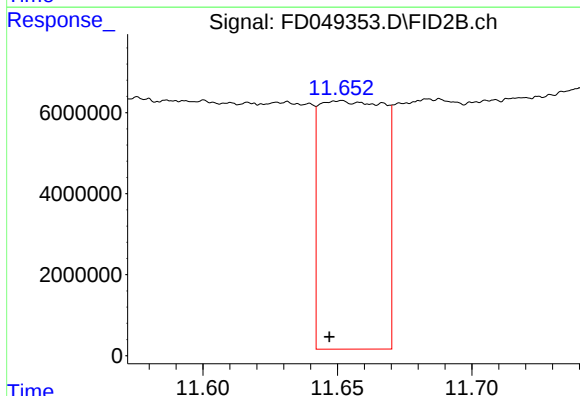
R.T.: 10.916 min
Delta R.T.: 0.035 min
Response: 76512518
Conc: 567.51 ug/ml

Instrument :
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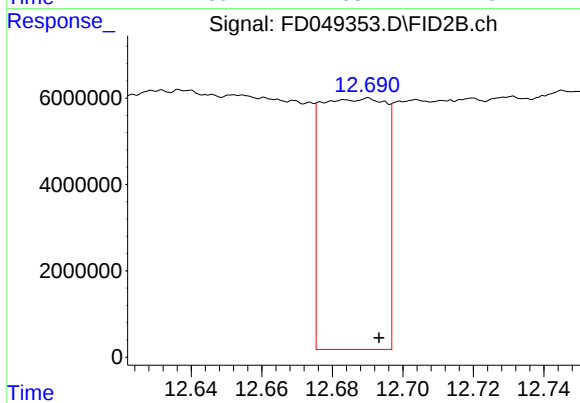
#10 Anthracene (C19.43)

R.T.: 10.964 min
Delta R.T.: 0.009 min
Response: 140275892
Conc: 1186.07 ug/ml



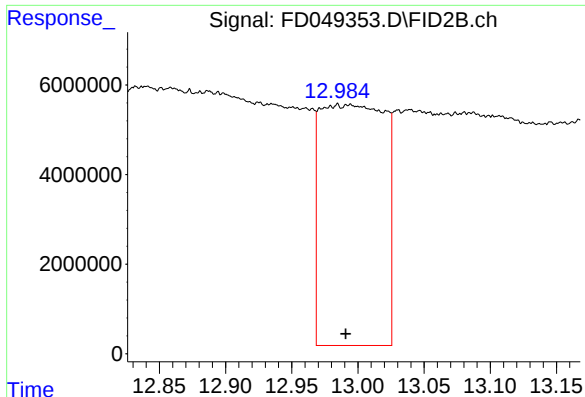
#11 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: 0.004 min
Response: 102564576
Conc: 743.11 ug/ml



#12 Fluoranthene (C21.85)

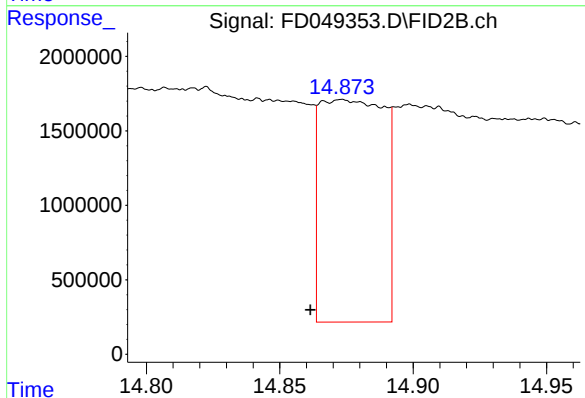
R.T.: 12.690 min
Delta R.T.: -0.003 min
Response: 74189620
Conc: 550.51 ug/ml



#13 Pyrene (C20.8)

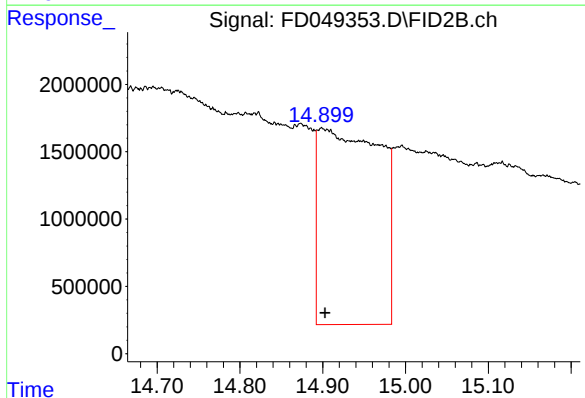
R.T.: 12.985 min
Delta R.T.: -0.006 min
Response: 181459690
Conc: 1341.41 ug/ml

Instrument :
FID_D
ClientSampleId :
LAW-25-0074



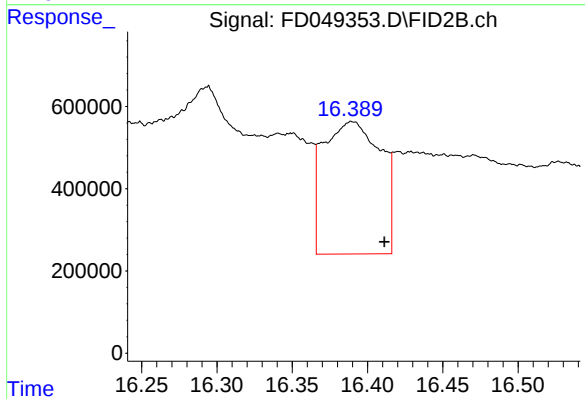
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.873 min
Delta R.T.: 0.012 min
Response: 24979087
Conc: 218.07 ug/ml



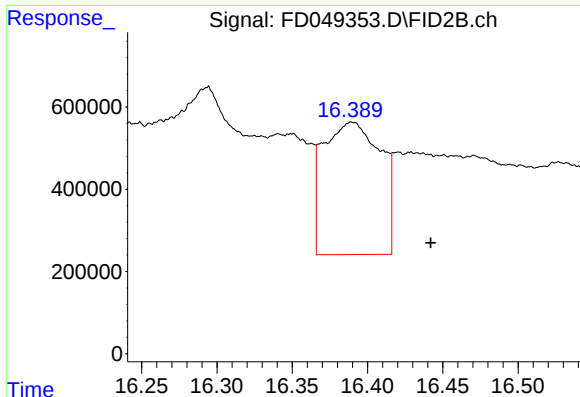
#15 Chrysene (C27.41)

R.T.: 14.899 min
Delta R.T.: -0.004 min
Response: 75148197
Conc: 643.87 ug/ml



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

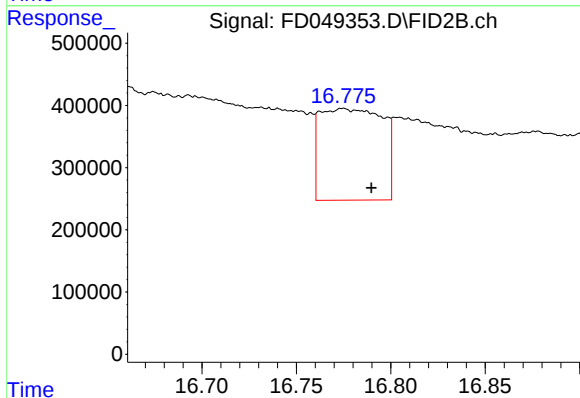
R.T.: 16.390 min
Delta R.T.: -0.021 min
Response: 8529197
Conc: 70.27 ug/ml



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

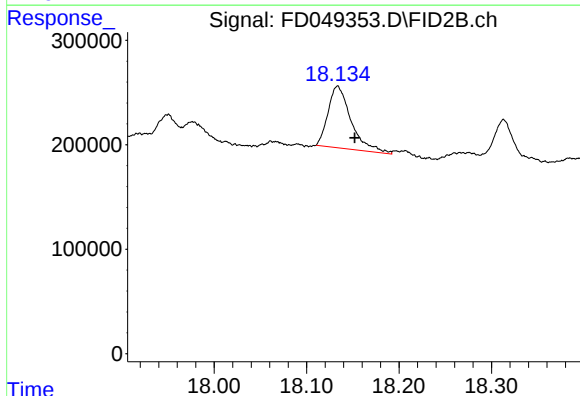
R.T.: 16.390 min
Delta R.T.: -0.052 min
Response: 8529197
Conc: 71.52 ug/ml

Instrument :
FID_D
ClientSampleId :
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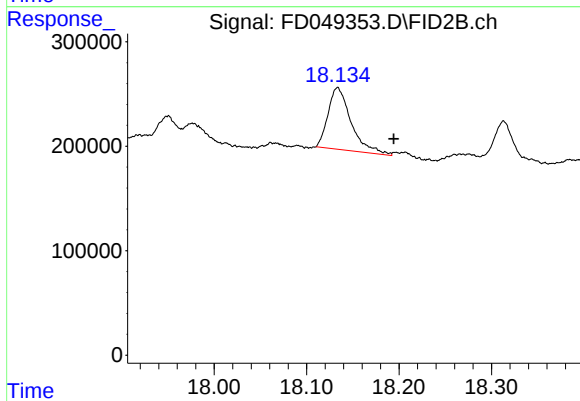
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.775 min
Delta R.T.: -0.015 min
Response: 3393006
Conc: 29.51 ug/ml



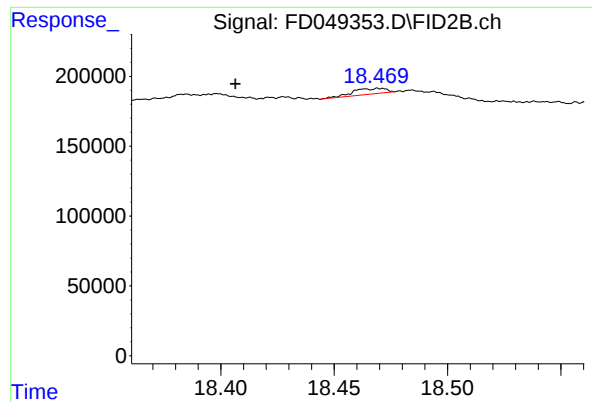
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: -0.019 min
Response: 1018376
Conc: 9.28 ug/ml



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

R.T.: 18.133 min
Delta R.T.: -0.061 min
Response: 1018376
Conc: 9.64 ug/ml



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

R.T.: 18.470 min
Delta R.T.: 0.064 min
Response: 40300
Conc: 0.34 ug/ml

Instrument :
FID_D
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