

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092625AR\
 Data File : FD049769.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2025 12:07
 Operator : YP/AJ
 Sample : Q3178-01MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EME-TS14-01MSD

Integration File: autoint1.e
 Quant Time: Sep 29 00:22:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.699	4722924	41.995 ug/ml
Spiked Amount 50.000		Recovery =	83.99%
6) S 2-Fluorobiphenyl (SURR)	8.564	2680542	33.394 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.79%
11) S ortho-Terphenyl (SURR)	11.611	4715597	33.330 ug/ml
Spiked Amount 50.000		Recovery =	66.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.491	4176511	38.760 ug/ml
2) T Naphthalene (C11.7)	6.034	5498972	44.218 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	5532726	42.451 ug/ml
5) T Acenaphthylene (C15.06)	8.369	7257198	52.345 ug/ml
7) T Acenaphthene (C15.5)	8.666	6859399	49.482 ug/ml
8) T Flouorene (C16.55)	9.449	7855312	56.630 ug/ml
9) T Phenanthrene (C19.36)	10.848	8109854	58.217 ug/ml
10) T Anthracene (C19.43)	10.924	7861339	59.537 ug/ml
12) T Fluoranthene (C21.85)	12.665	8109657	60.218 ug/ml
13) T Pyrene (C20.8)	12.963	8082512	60.760 ug/ml
14) T Benzo[a]anthracene (C...	14.836	7474740	62.505 ug/ml
15) T Chrysene (C27.41)	14.882	8522353	70.055 ug/ml
16) T benzo[b]fluoranthene ...	16.390	7131225	59.492 ug/ml
17) T Bnezo[k]fluoranthene ...	16.426	6915785	61.378 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.771	6816443	58.088 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.139	7578145	69.658 ug/ml
20) T Dibenz[a,h]anthracene...	18.178	6618312	58.081 ug/ml
21) T Benzo[g,h,i]perylene ...	18.395	6387183	54.893 ug/ml

(f)=RT Delta > 1/2 Window

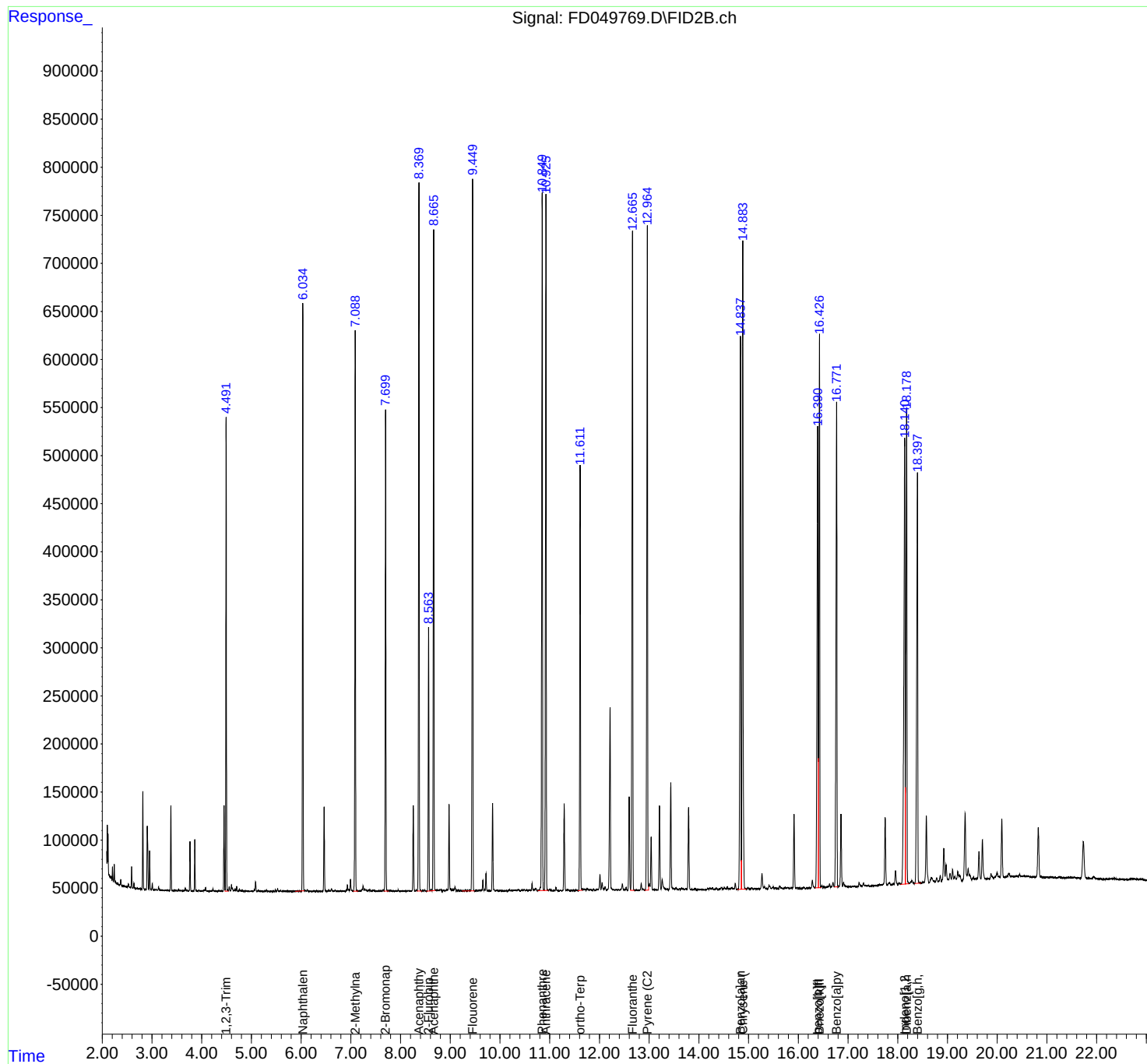
(m)=manual int.

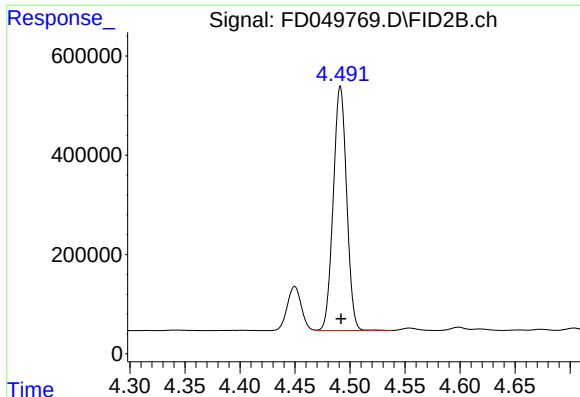
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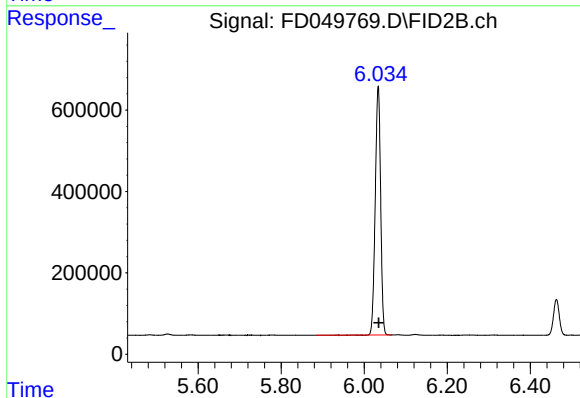




#1 1,2,3-Trimethylbenzene (C10.1)

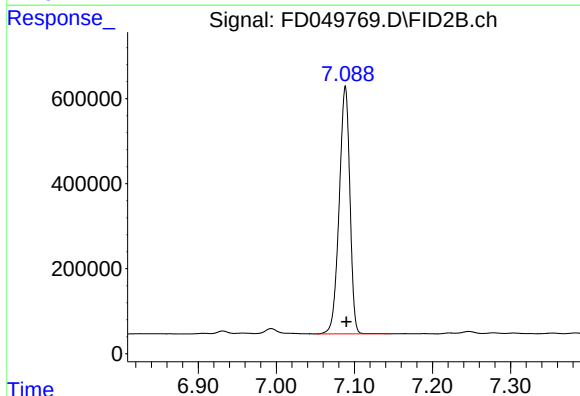
R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 4176511
Conc: 38.76 ug/ml

Instrument :
FID_D
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EME-TS14-01MSD



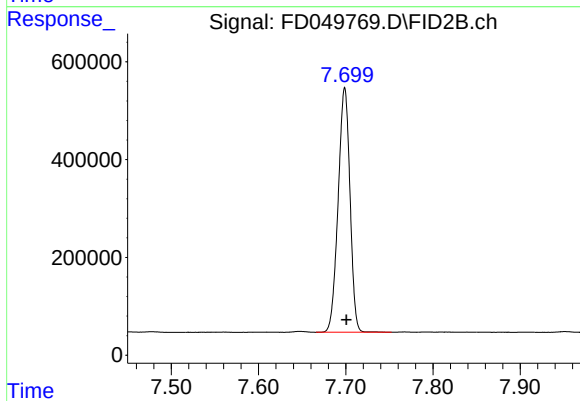
#2 Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.001 min
Response: 5498972
Conc: 44.22 ug/ml



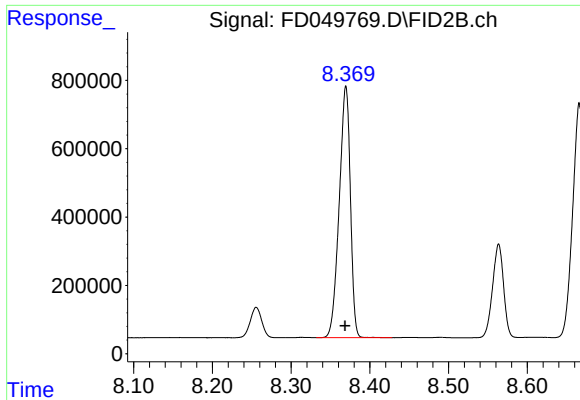
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 5532726
Conc: 42.45 ug/ml



#4 2-Bromonaphthalene (SURR)

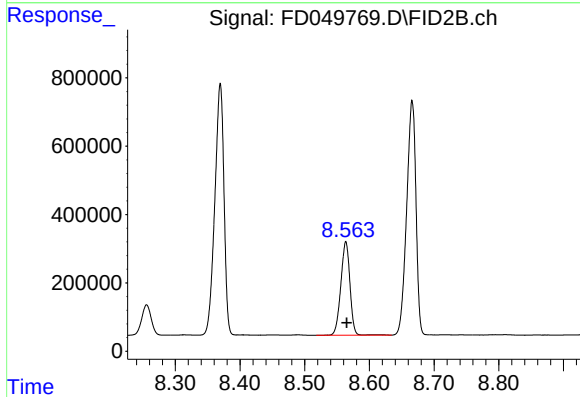
R.T.: 7.699 min
Delta R.T.: -0.002 min
Response: 4722924
Conc: 42.00 ug/ml



#5 Acenaphthylene (C15.06)

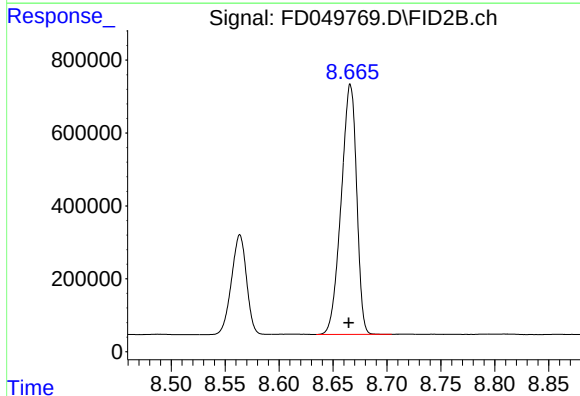
R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 7257198
Conc: 52.35 ug/ml

Instrument :
FID_D
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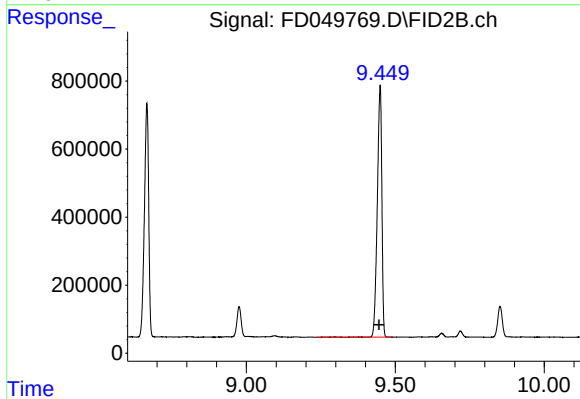
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: -0.002 min
Response: 2680542
Conc: 33.39 ug/ml



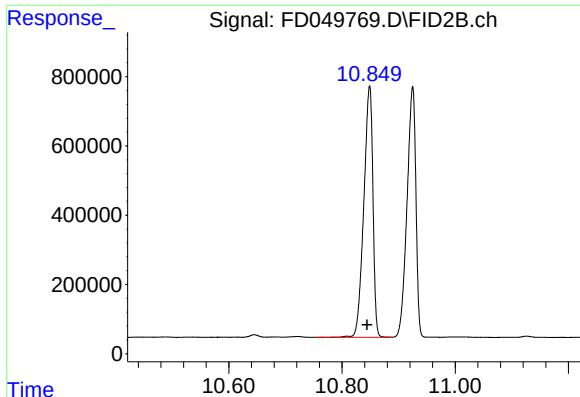
#7 Acenaphthene (C15.5)

R.T.: 8.666 min
Delta R.T.: 0.001 min
Response: 6859399
Conc: 49.48 ug/ml



#8 Flouorene (C16.55)

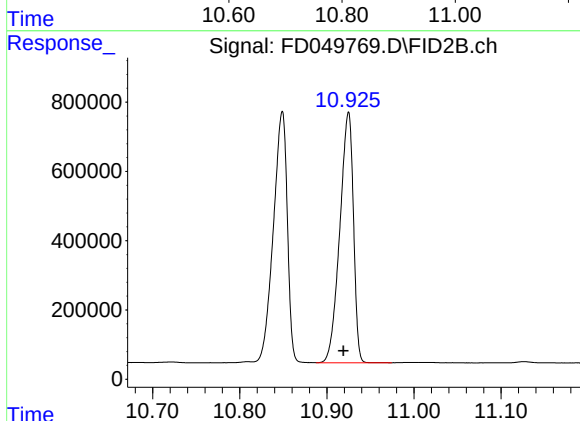
R.T.: 9.449 min
Delta R.T.: 0.003 min
Response: 7855312
Conc: 56.63 ug/ml



#9 Phenanthrene (C19.36)

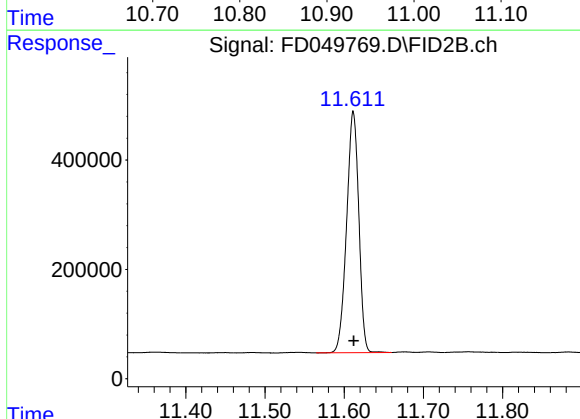
R.T.: 10.848 min
Delta R.T.: 0.004 min
Response: 8109854
Conc: 58.22 ug/ml

Instrument :
FID_D
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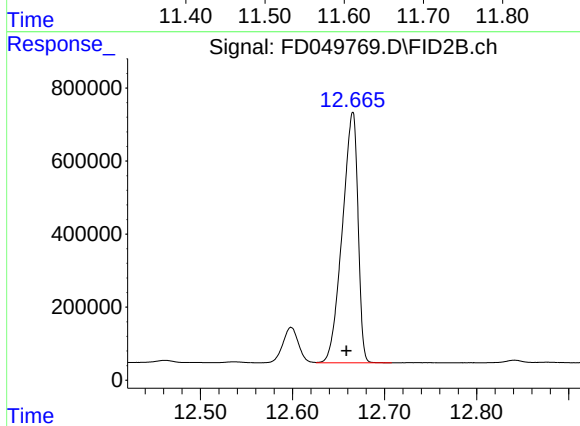
#10 Anthracene (C19.43)

R.T.: 10.924 min
Delta R.T.: 0.005 min
Response: 7861339
Conc: 59.54 ug/ml



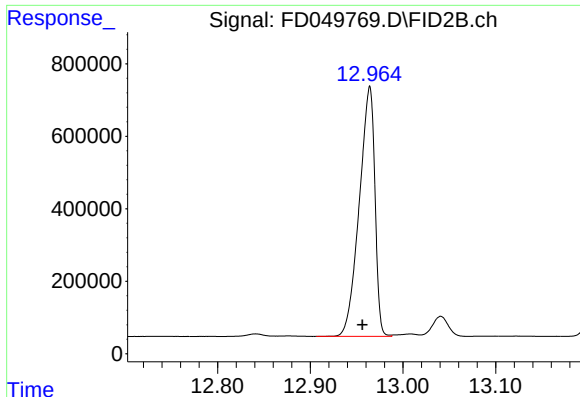
#11 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: 0.000 min
Response: 4715597
Conc: 33.33 ug/ml



#12 Fluoranthene (C21.85)

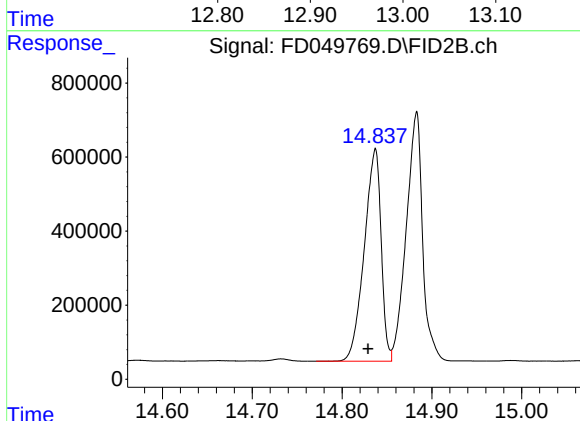
R.T.: 12.665 min
Delta R.T.: 0.006 min
Response: 8109657
Conc: 60.22 ug/ml



#13 Pyrene (C20.8)

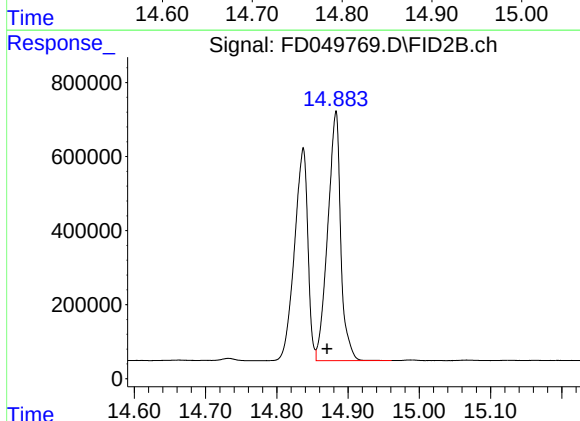
R.T.: 12.963 min
Delta R.T.: 0.007 min
Response: 8082512
Conc: 60.76 ug/ml

Instrument :
FID_D
ClientSampleId :
EME-TS14-01MSD



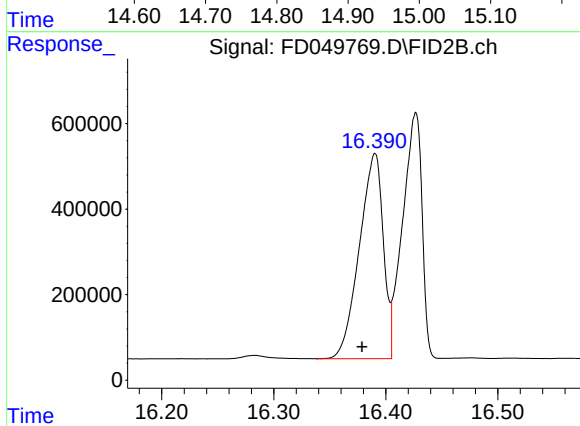
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.836 min
Delta R.T.: 0.007 min
Response: 7474740
Conc: 62.51 ug/ml



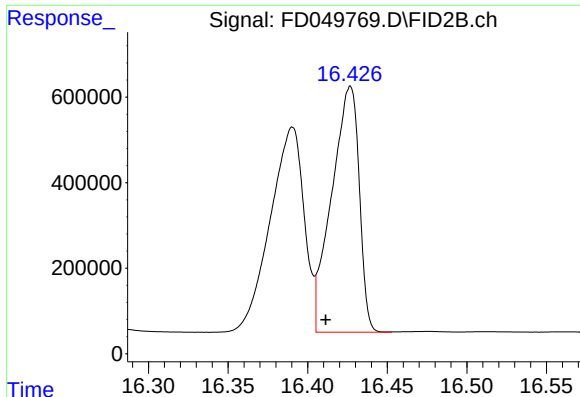
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.012 min
Response: 8522353
Conc: 70.05 ug/ml



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

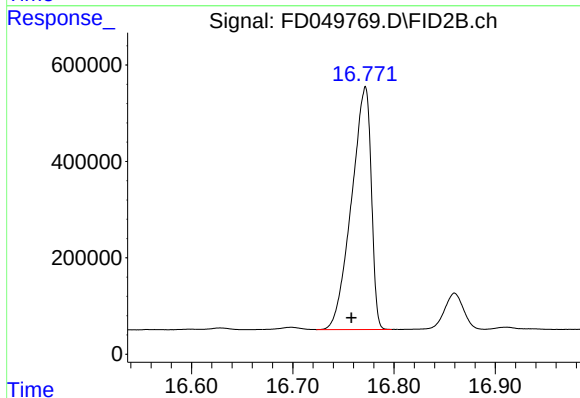
R.T.: 16.390 min
Delta R.T.: 0.011 min
Response: 7131225
Conc: 59.49 ug/ml



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

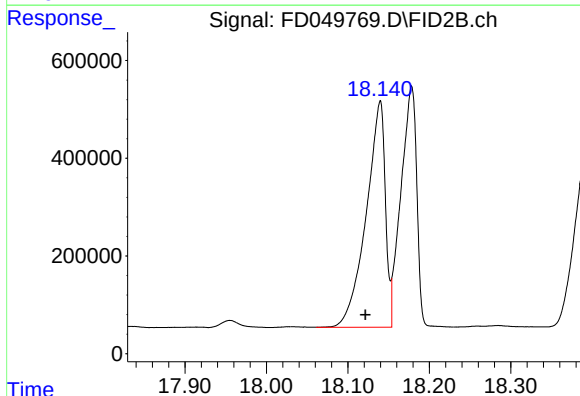
R.T.: 16.426 min
Delta R.T.: 0.015 min
Response: 6915785
Conc: 61.38 ug/ml

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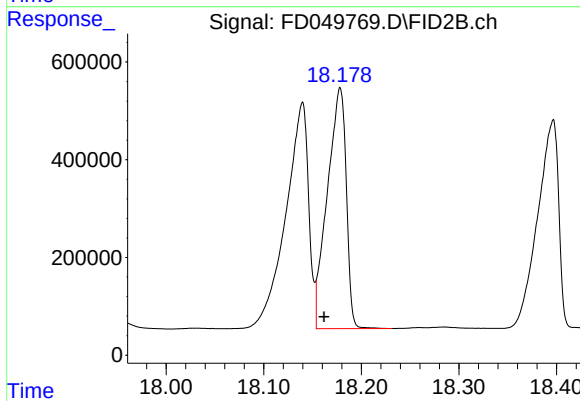
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.771 min
Delta R.T.: 0.013 min
Response: 6816443
Conc: 58.09 ug/ml



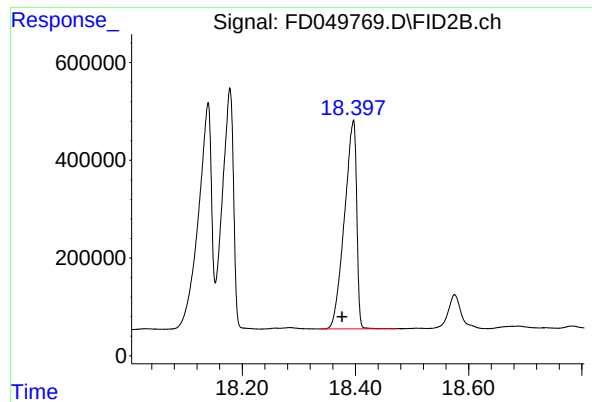
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.139 min
Delta R.T.: 0.017 min
Response: 7578145
Conc: 69.66 ug/ml



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

R.T.: 18.178 min
Delta R.T.: 0.016 min
Response: 6618312
Conc: 58.08 ug/ml



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

R.T.: 18.395 min
Delta R.T.: 0.019 min
Response: 6387183
Conc: 54.89 ug/ml

Instrument :

FID_D

ClientSampleId :

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