

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092225AR\
 Data File : FD049744.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2025 19:15
 Operator : YP/AJ
 Sample : Q3123-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-2MSD

Integration File: autoint1.e
 Quant Time: Sep 23 07:31:02 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...	7.698	5245254	46.640 ug/ml
Spiked Amount 50.000		Recovery =	93.28%
6) S 2-Fluorobiphenyl (SURR)	8.562	3213511	40.033 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.07%
11) S ortho-Terphenyl (SURR)	11.610	4502339	31.823 ug/ml
Spiked Amount 50.000		Recovery =	63.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	3281518	30.454 ug/ml
2) T Naphthalene (C11.7)	6.032	4523527	36.375 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	4863338	37.315 ug/ml
5) T Acenaphthylene (C15.06)	8.367	6256977	45.131 ug/ml
7) T Acenaphthene (C15.5)	8.664	6485574	46.785 ug/ml
8) T Flouorene (C16.55)	9.445	6972358	50.264 ug/ml
9) T Phenanthrene (C19.36)	10.848	10619444	76.232 ug/ml
10) T Anthracene (C19.43)	10.922	7750202	58.696 ug/ml
12) T Fluoranthene (C21.85)	12.667	12495167	92.783 ug/ml
13) T Pyrene (C20.8)	12.966	11831887	88.946 ug/ml
14) T Benzo[a]anthracene (C...	14.835	8971282	75.020 ug/ml
15) T Chrysene (C27.41)	14.881	9294018	76.398 ug/ml
16) T benzo[b]fluoranthene ...	16.390	8530463	71.165 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	6504232	57.725 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	7706319	65.672 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	7075016	65.033 ug/ml
20) T Dibenz[a,h]anthracene...	18.171	5552196	48.725 ug/ml
21) T Benzo[g,h,i]perylene ...	18.391	6066519	52.137 ug/ml

(f)=RT Delta > 1/2 Window

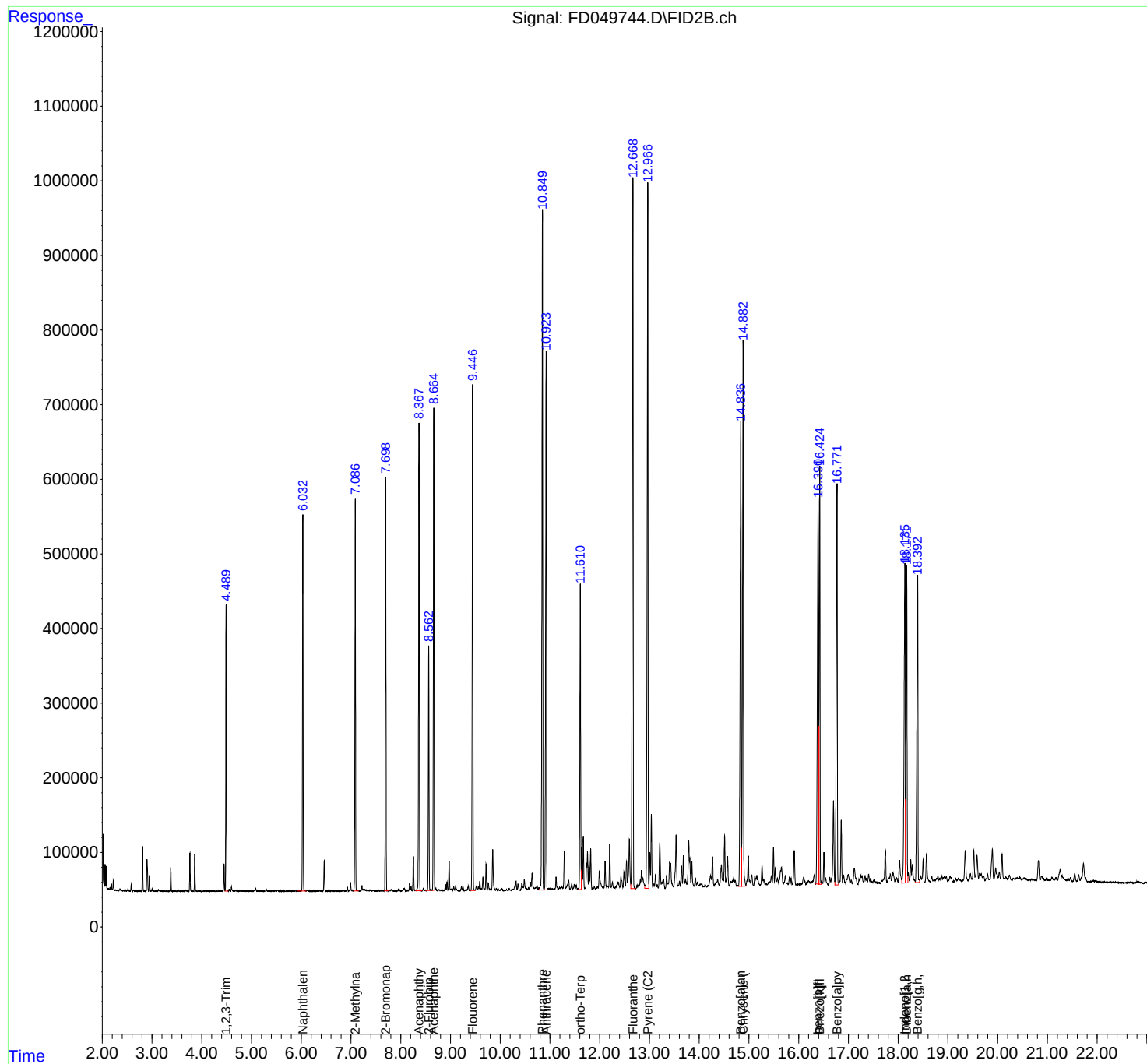
(m)=manual int.

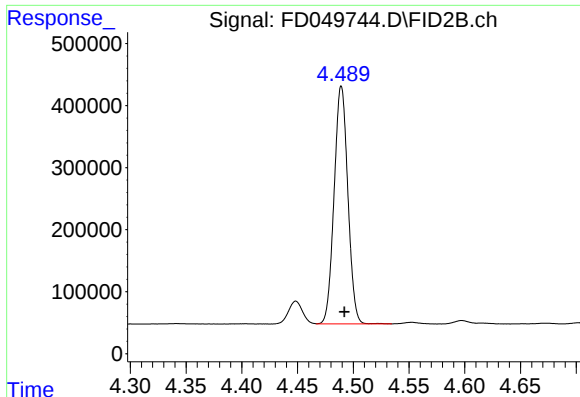
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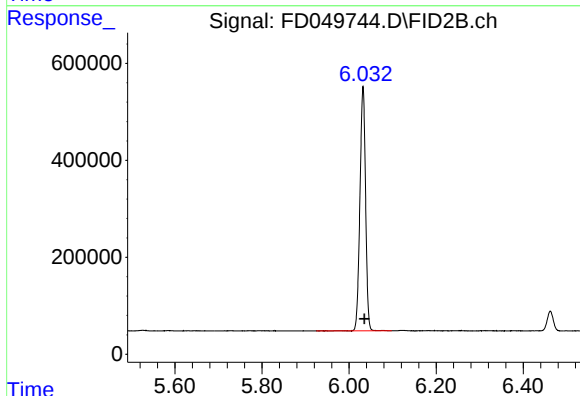




#1 1,2,3-Trimethylbenzene (C10.1)

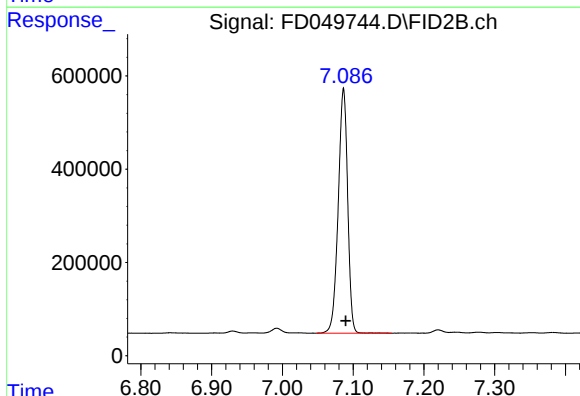
R.T.: 4.489 min
Delta R.T.: -0.003 min
Response: 3281518
Conc: 30.45 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2MSD



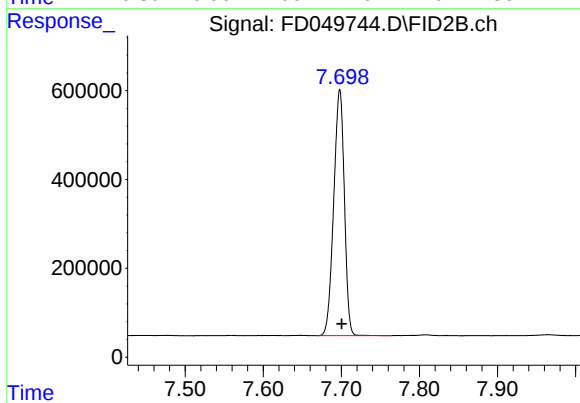
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 4523527
Conc: 36.37 ug/ml



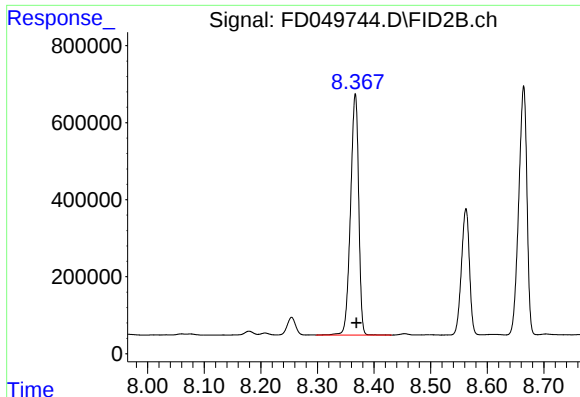
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 4863338
Conc: 37.31 ug/ml



#4 2-Bromonaphthalene (SURR)

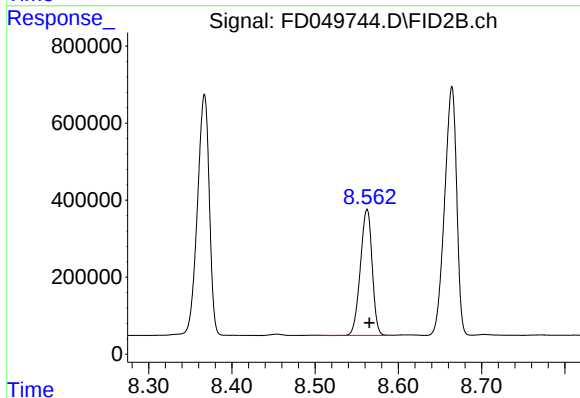
R.T.: 7.698 min
Delta R.T.: -0.003 min
Response: 5245254
Conc: 46.64 ug/ml



#5 Acenaphthylene (C15.06)

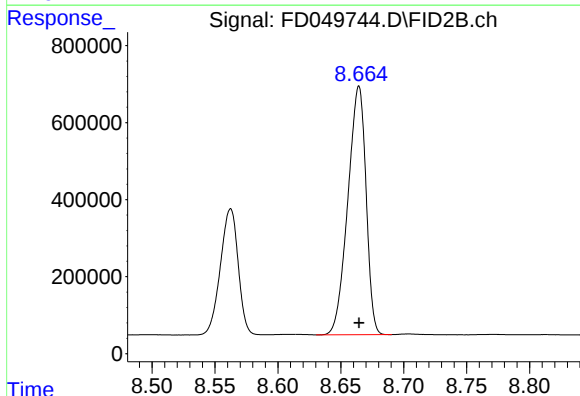
R.T.: 8.367 min
Delta R.T.: -0.002 min
Response: 6256977
Conc: 45.13 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2MSD



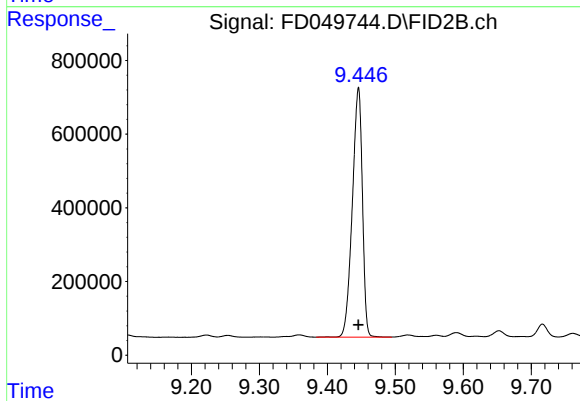
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 3213511
Conc: 40.03 ug/ml



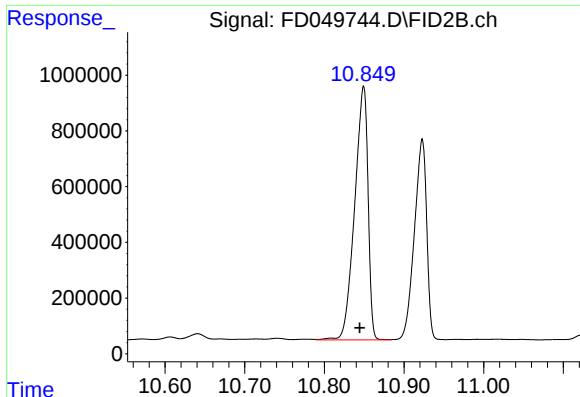
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: 0.000 min
Response: 6485574
Conc: 46.79 ug/ml



#8 Flouorene (C16.55)

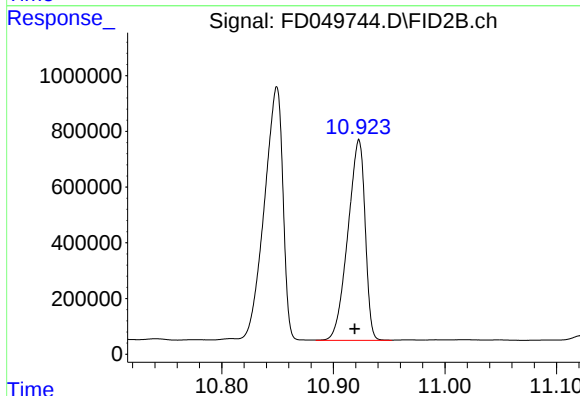
R.T.: 9.445 min
Delta R.T.: 0.000 min
Response: 6972358
Conc: 50.26 ug/ml



#9 Phenanthrene (C19.36)

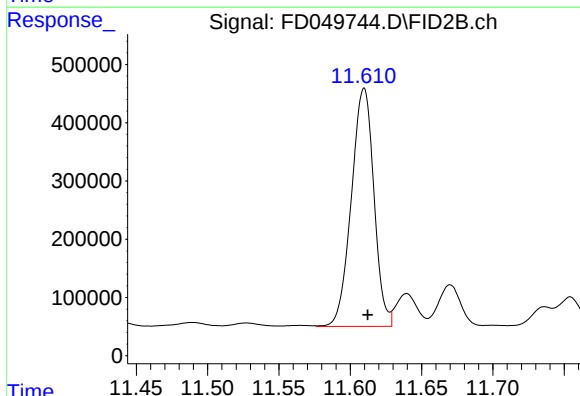
R.T.: 10.848 min
Delta R.T.: 0.004 min
Response: 10619444
Conc: 76.23 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2MSD



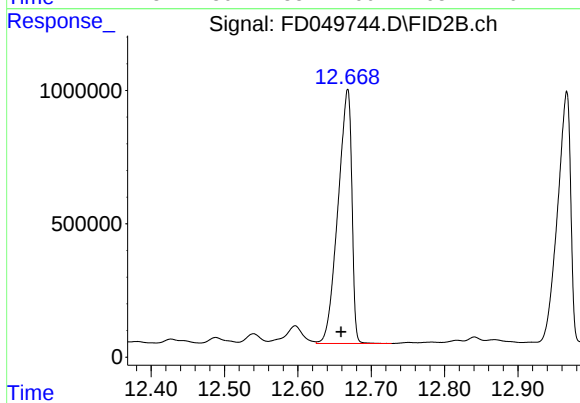
#10 Anthracene (C19.43)

R.T.: 10.922 min
Delta R.T.: 0.003 min
Response: 7750202
Conc: 58.70 ug/ml



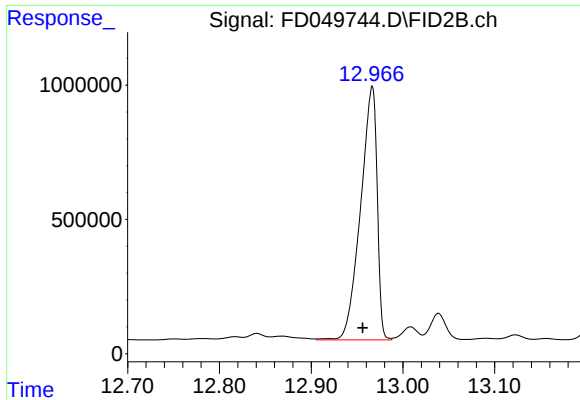
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.003 min
Response: 4502339
Conc: 31.82 ug/ml



#12 Fluoranthene (C21.85)

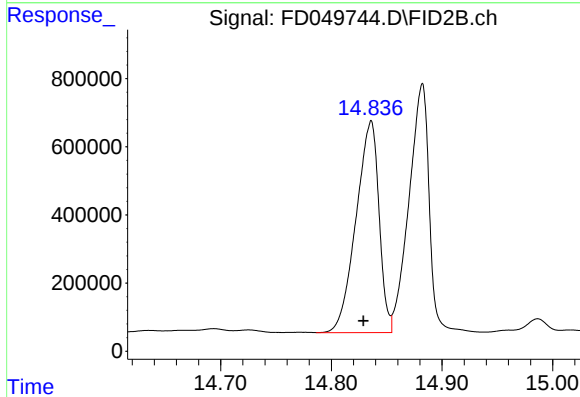
R.T.: 12.667 min
Delta R.T.: 0.008 min
Response: 12495167
Conc: 92.78 ug/ml



#13 Pyrene (C20.8)

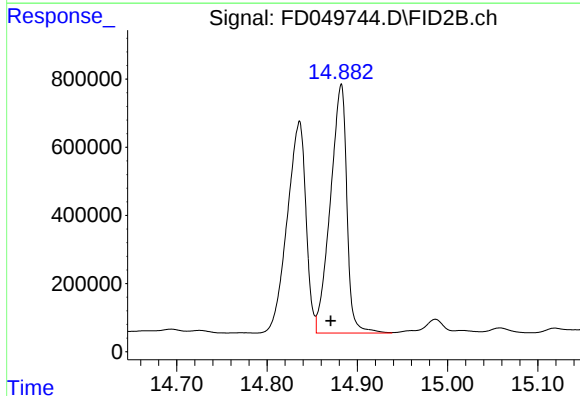
R.T.: 12.966 min
Delta R.T.: 0.009 min
Response: 11831887
Conc: 88.95 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2MSD



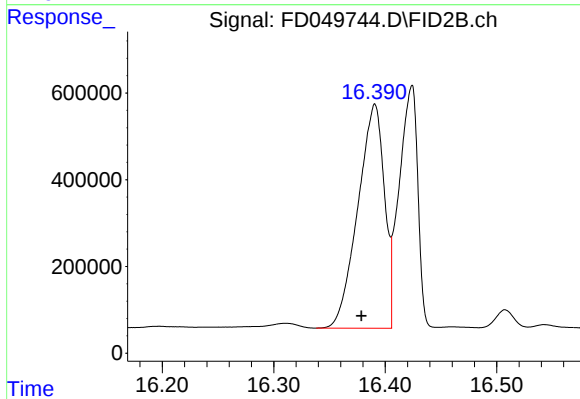
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.835 min
Delta R.T.: 0.006 min
Response: 8971282
Conc: 75.02 ug/ml



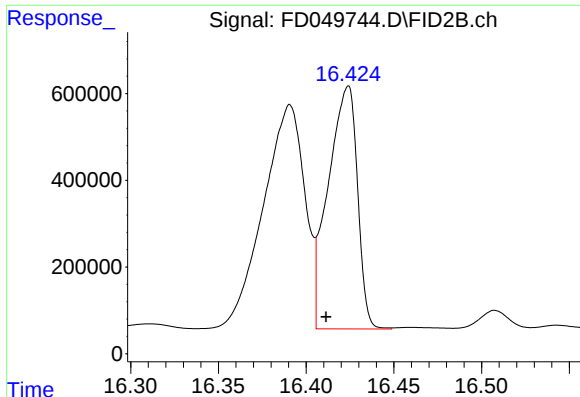
#15 Chrysene (C27.41)

R.T.: 14.881 min
Delta R.T.: 0.011 min
Response: 9294018
Conc: 76.40 ug/ml



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

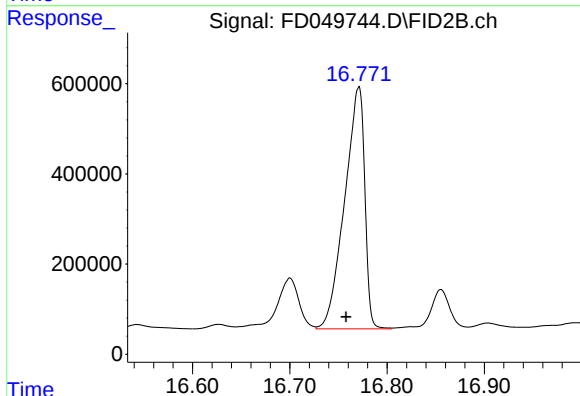
R.T.: 16.390 min
Delta R.T.: 0.011 min
Response: 8530463
Conc: 71.17 ug/ml



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

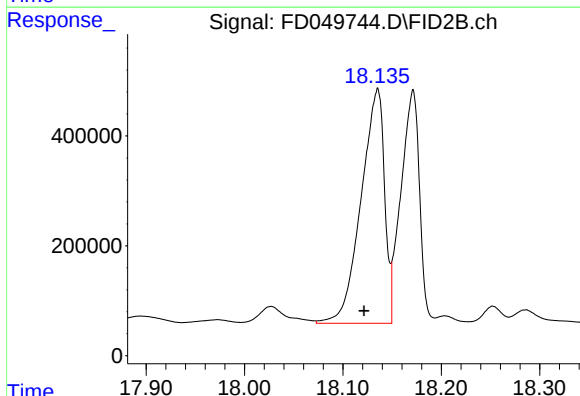
R.T.: 16.423 min
Delta R.T.: 0.012 min
Response: 6504232
Conc: 57.73 ug/ml

Instrument :
FID_D
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TP-2MSD



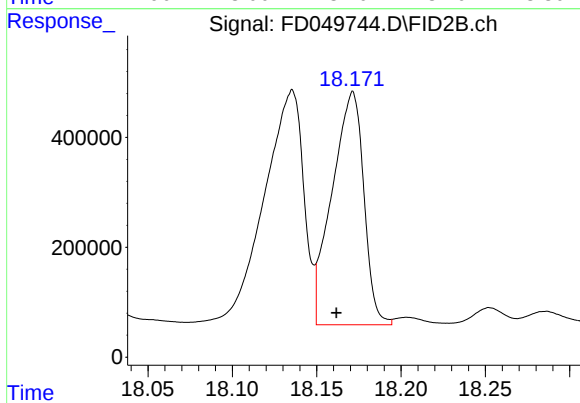
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.012 min
Response: 7706319
Conc: 65.67 ug/ml



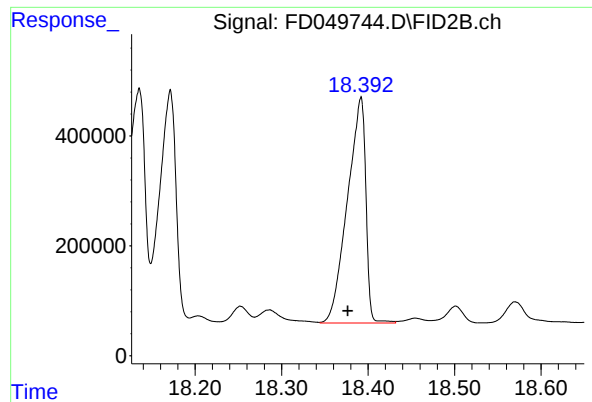
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: 0.013 min
Response: 7075016
Conc: 65.03 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.009 min
Response: 5552196
Conc: 48.73 ug/ml



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

R.T.: 18.391 min
Delta R.T.: 0.014 min
Response: 6066519
Conc: 52.14 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2MSD