

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070323AR\
 Data File : FD046049.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2023 22:04
 Operator : YP/AJ
 Sample : 03473-02MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 CMC-EME-TOPSOIL-006MS

Integration File: sample.E
 Quant Time: Jul 05 01:28:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.518	8751424	40.610 ug/ml
Spiked Amount 50.000		Recovery =	81.22%
6) S 2-Fluorobiphenyl (SURR)	8.374	5228146	37.775 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.55%
11) S ortho-Terphenyl (SURR)	11.411	5287175	20.855 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.327	6711663	26.943 ug/ml
2) T Naphthalene (C11.7)	5.856	7458770	29.236 ug/ml
3) T 2-Methylnaphthalene (...)	6.906	7634951	30.286 ug/ml
5) T Acenaphthylene (C15.06)	8.178	7736278	35.619 ug/ml
7) T Acenaphthene (C15.5)	8.474	8114550	34.424 ug/ml
8) T Flouorene (C16.55)	9.253	8179880	36.153 ug/ml
9) T Phenanthrene (C19.36)	10.645	7991044	37.451 ug/ml
10) T Anthracene (C19.43)	10.719	7790231	49.028 ug/ml
12) T Fluoranthene (C21.85)	12.450	7632103	37.293 ug/ml
13) T Pyrene (C20.8)	12.745	7644691	39.317 ug/ml
14) T Benzo[a]anthracene (C...	14.610	7133331	39.664 ug/ml
15) T Chrysene (C27.41)	14.655	7187023	36.617 ug/ml
16) T benzo[b]fluoranthene ...	16.155	7284521	38.839 ug/ml
17) T Bnezo[k]fluoranthene ...	16.190	7120613	35.998 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.531	6546493	37.574 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.891	7263067	39.026 ug/ml
20) T Dibenz[a,h]anthracene...	17.932	6868330	37.358 ug/ml
21) T Benzo[g,h,i]perylene ...	18.147	6857695	36.701 ug/ml

(f)=RT Delta > 1/2 Window

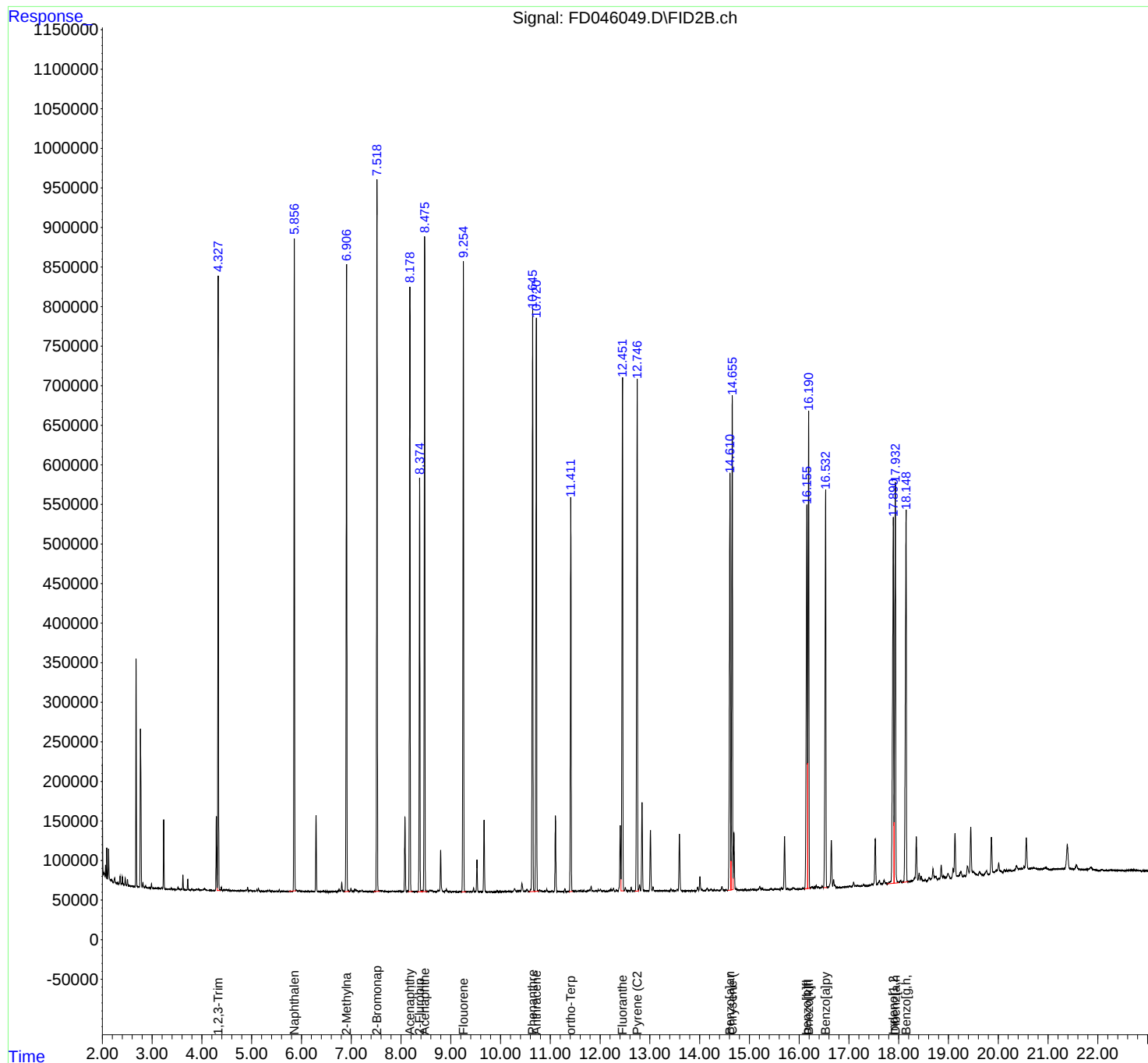
(m)=manual int.

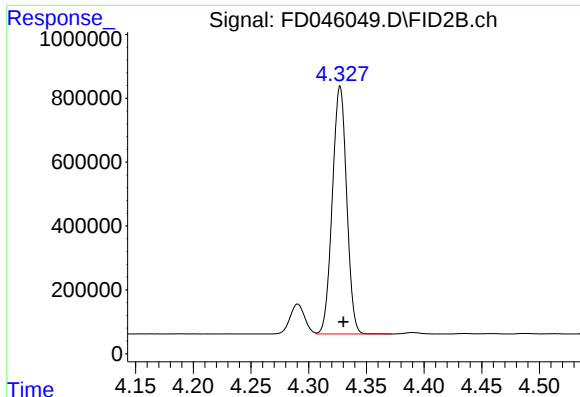
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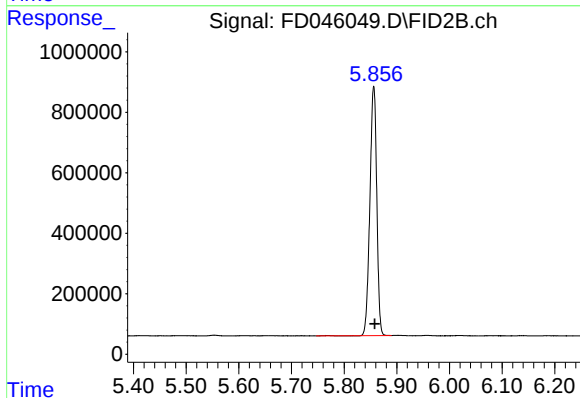




#1 1,2,3-Trimethylbenzene (C10.1)

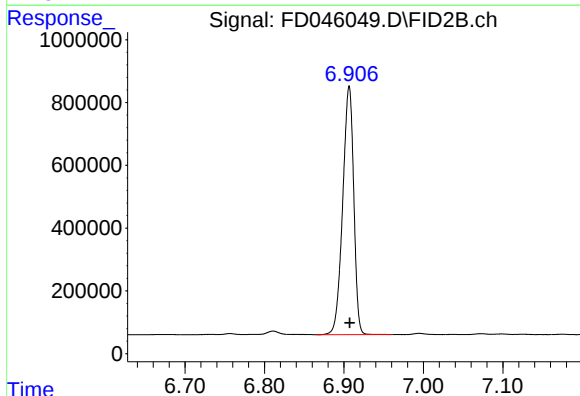
R.T.: 4.327 min
Delta R.T.: -0.003 min
Response: 6711663
Conc: 26.94 ug/ml

Instrument :
FID_D
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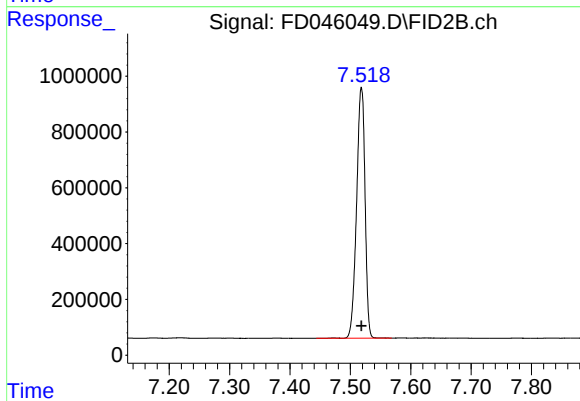
#2 Naphthalene (C11.7)

R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 7458770
Conc: 29.24 ug/ml



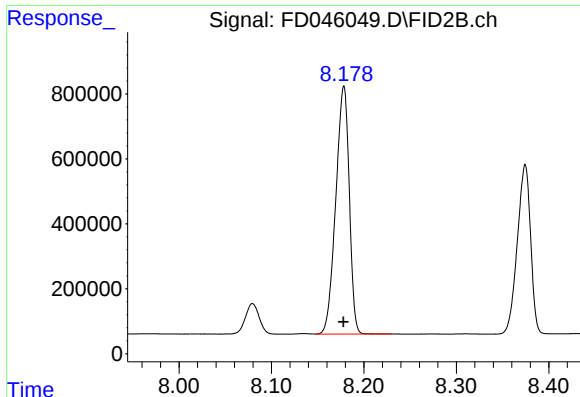
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 7634951
Conc: 30.29 ug/ml



#4 2-Bromonaphthalene (SURR)

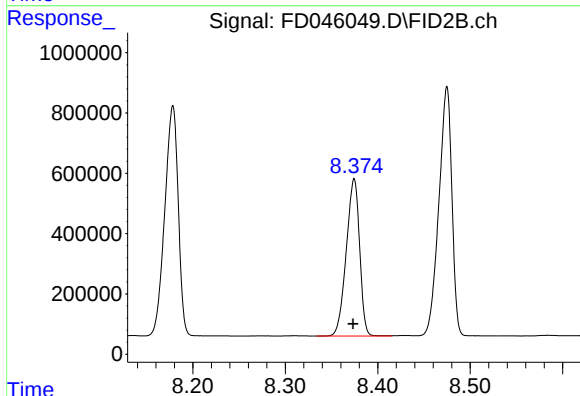
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 8751424
Conc: 40.61 ug/ml



#5 Acenaphthylene (C15.06)

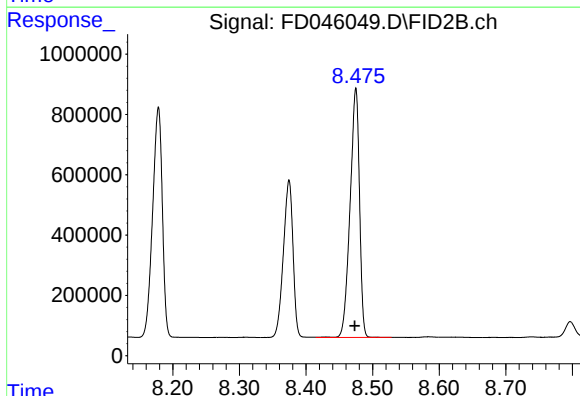
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 7736278
Conc: 35.62 ug/ml

Instrument :
FID_D
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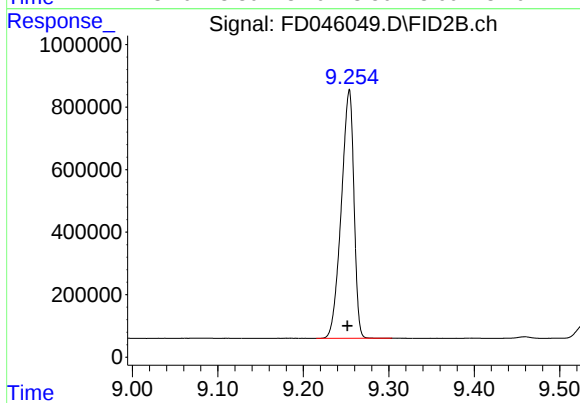
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 5228146
Conc: 37.78 ug/ml



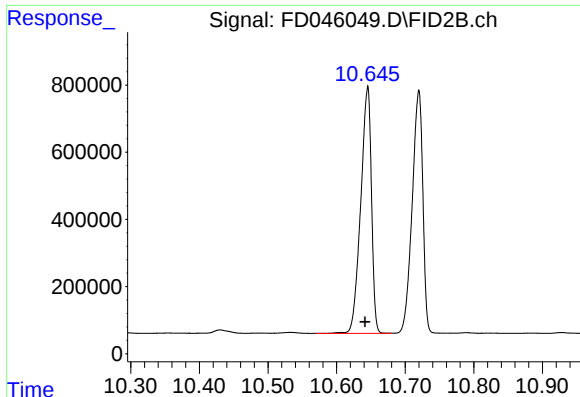
#7 Acenaphthene (C15.5)

R.T.: 8.474 min
Delta R.T.: 0.001 min
Response: 8114550
Conc: 34.42 ug/ml



#8 Fluorene (C16.55)

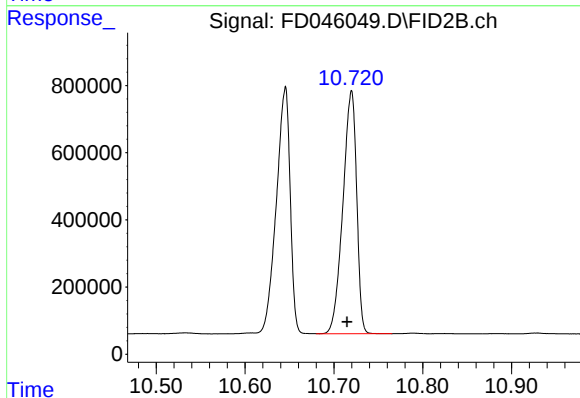
R.T.: 9.253 min
Delta R.T.: 0.002 min
Response: 8179880
Conc: 36.15 ug/ml



#9 Phenanthrene (C19.36)

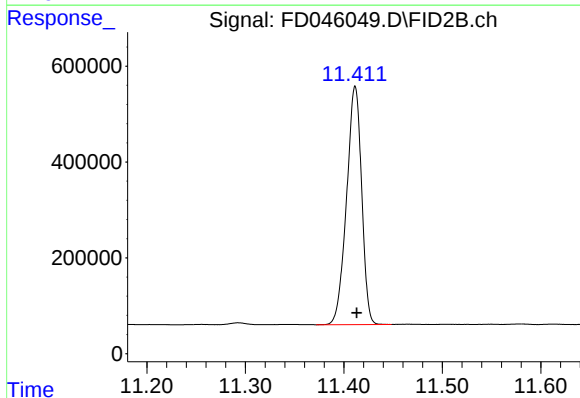
R.T.: 10.645 min
Delta R.T.: 0.003 min
Response: 7991044
Conc: 37.45 ug/ml

Instrument :
FID_D
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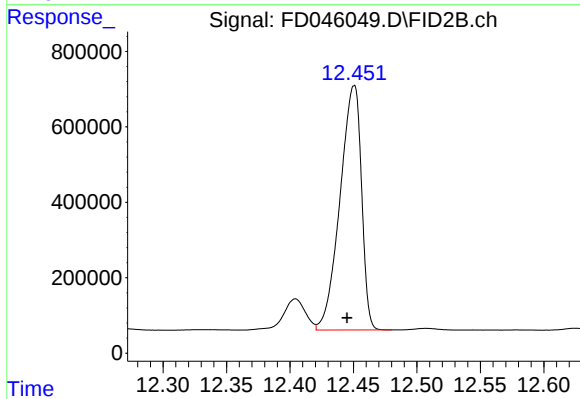
#10 Anthracene (C19.43)

R.T.: 10.719 min
Delta R.T.: 0.004 min
Response: 7790231
Conc: 49.03 ug/ml



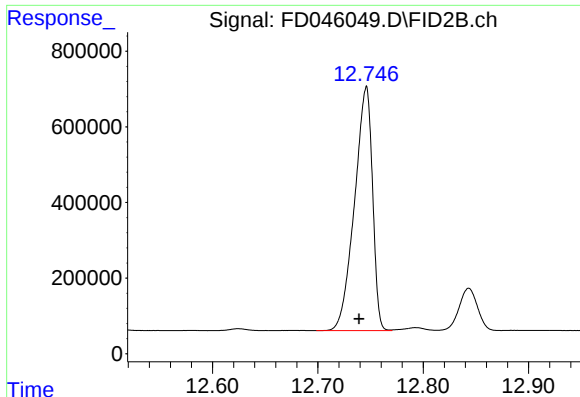
#11 ortho-Terphenyl (SURR)

R.T.: 11.411 min
Delta R.T.: -0.001 min
Response: 5287175
Conc: 20.85 ug/ml



#12 Fluoranthene (C21.85)

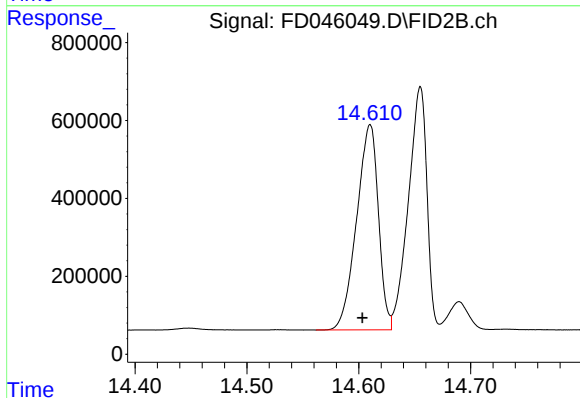
R.T.: 12.450 min
Delta R.T.: 0.005 min
Response: 7632103
Conc: 37.29 ug/ml



#13 Pyrene (C20.8)

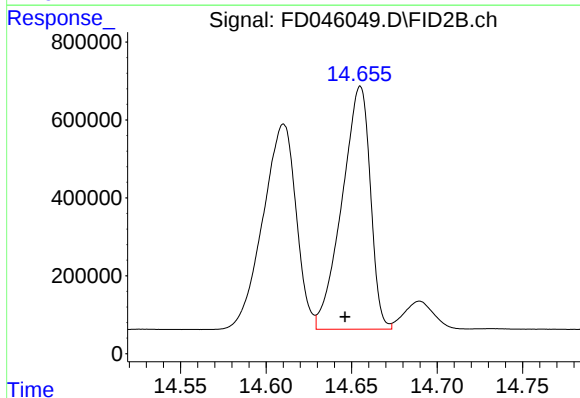
R.T.: 12.745 min
Delta R.T.: 0.006 min
Response: 7644691
Conc: 39.32 ug/ml

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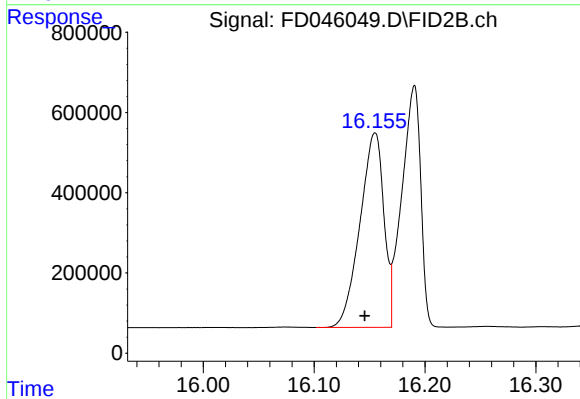
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.610 min
Delta R.T.: 0.006 min
Response: 7133331
Conc: 39.66 ug/ml



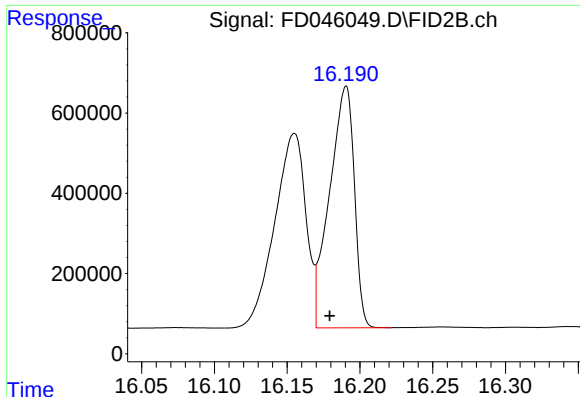
#15 Chrysene (C27.41)

R.T.: 14.655 min
Delta R.T.: 0.009 min
Response: 7187023
Conc: 36.62 ug/ml



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

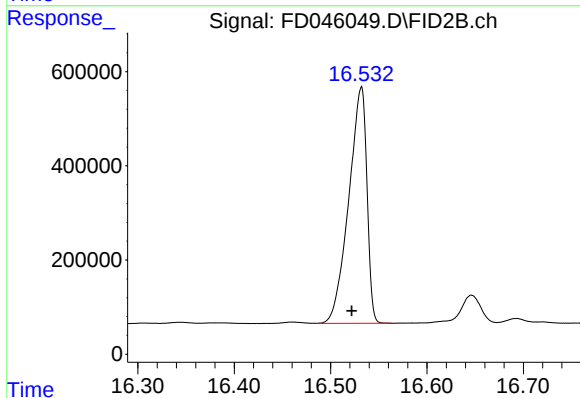
R.T.: 16.155 min
Delta R.T.: 0.009 min
Response: 7284521
Conc: 38.84 ug/ml



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

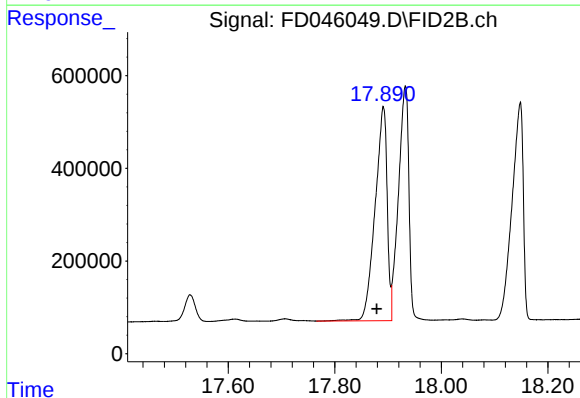
R.T.: 16.190 min
Delta R.T.: 0.010 min
Response: 7120613
Conc: 36.00 ug/ml

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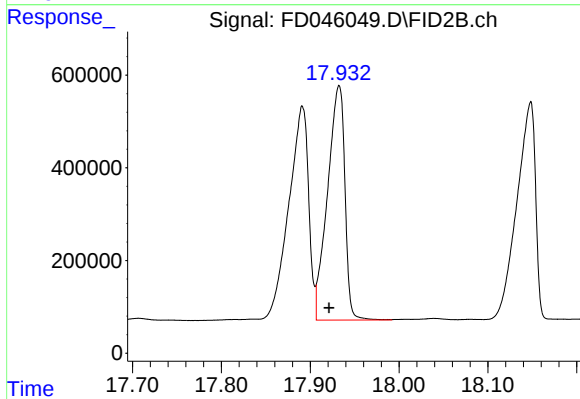
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.531 min
Delta R.T.: 0.009 min
Response: 6546493
Conc: 37.57 ug/ml



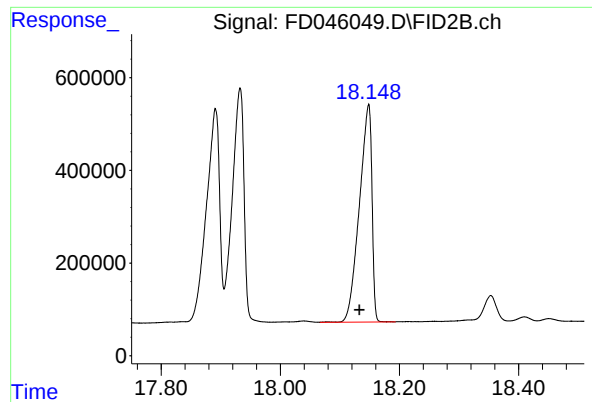
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.891 min
Delta R.T.: 0.012 min
Response: 7263067
Conc: 39.03 ug/ml



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

R.T.: 17.932 min
Delta R.T.: 0.011 min
Response: 6868330
Conc: 37.36 ug/ml



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

R.T.: 18.147 min
Delta R.T.: 0.015 min
Response: 6857695
Conc: 36.70 ug/ml

Instrument :

FID_D

ClientSampleId :

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