

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092925AR\
 Data File : FF016477.D
 Signal(s) : FID2B.ch
 Acq On : 29 Sep 2025 20:03
 Operator : YP\AJ
 Sample : Q3179-02MS
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 EME-TS14-01MS

Integration File: autoint1.e
 Quant Time: Sep 30 01:06:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 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...	8.028	6335476	50.576 ug/ml
Spiked Amount 50.000		Recovery =	101.15%
6) S 2-Fluorobiphenyl (SURR)	8.903	3854619	45.704 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.41%
11) S ortho-Terphenyl (SURR)	11.972	7536987	49.440 ug/ml
Spiked Amount 50.000		Recovery =	98.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.622	6715880	47.643 ug/ml
2) T Naphthalene (C11.7)	6.298	7633096	52.396 ug/ml
3) T 2-Methylnaphthalene (...)	7.399	7318749	49.713 ug/ml
5) T Acenaphthylene (C15.06)	8.706	8161379	56.317 ug/ml
7) T Acenaphthene (C15.5)	9.007	8269983	57.663 ug/ml
8) T Flouorene (C16.55)	9.796	8371917	57.952 ug/ml
9) T Phenanthrene (C19.36)	11.204	8265463	56.668 ug/ml
10) T Anthracene (C19.43)	11.280	8159192	57.029 ug/ml
12) T Fluoranthene (C21.85)	13.029	8043584	55.075 ug/ml
13) T Pyrene (C20.8)	13.328	7987278	55.737 ug/ml
14) T Benzo[a]anthracene (C...	15.212	7505958	55.142 ug/ml
15) T Chrysene (C27.41)	15.258	8158062	57.190 ug/ml
16) T benzo[b]fluoranthene ...	16.774	7165472	54.532 ug/ml
17) T Bnezo[k]fluoranthene ...	16.811	7070755	56.175 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.157	6862551	53.744 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.534	7406464	64.947 ug/ml
20) T Dibenz[a,h]anthracene...	18.573	6766990	51.834 ug/ml
21) T Benzo[g,h,i]perylene ...	18.793	6667087	54.143 ug/ml

(f)=RT Delta > 1/2 Window

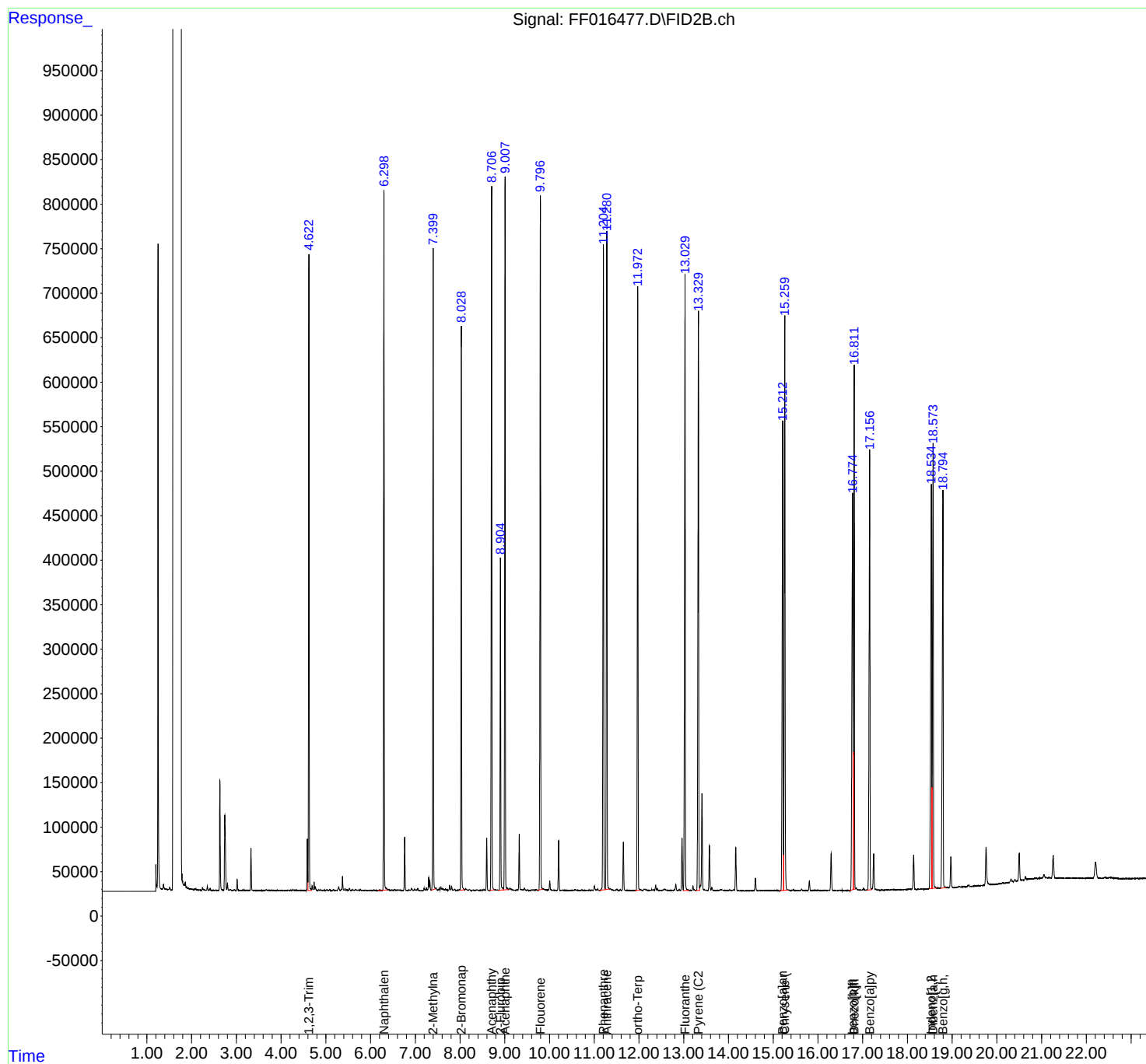
(m)=manual int.

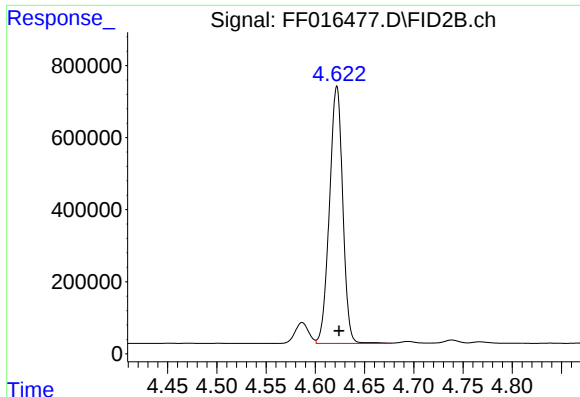
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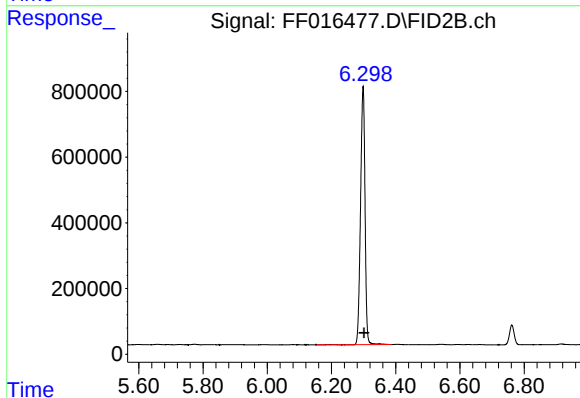




#1 1,2,3-Trimethylbenzene (C10.1)

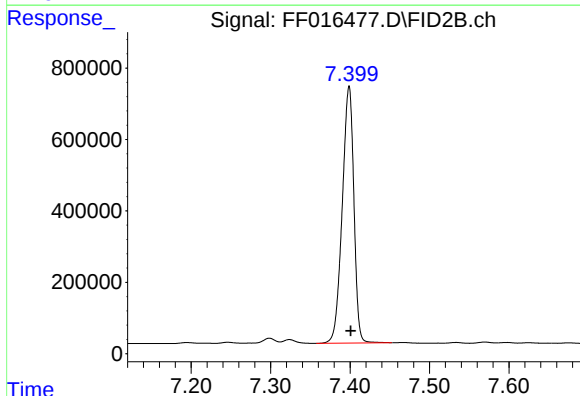
R.T.: 4.622 min
Delta R.T.: -0.002 min
Response: 6715880
Conc: 47.64 ug/ml

Instrument :
FID_F
ClientSampleId :
EME-TS14-01MS



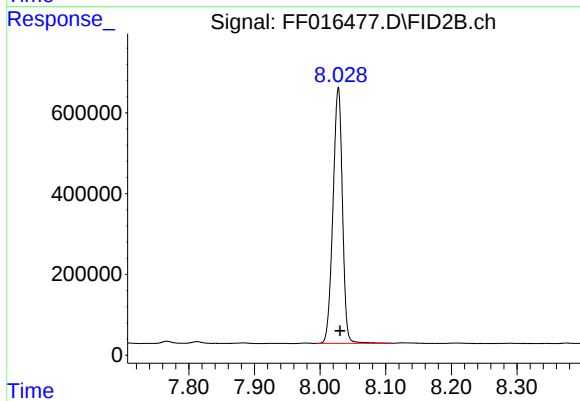
#2 Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 7633096
Conc: 52.40 ug/ml



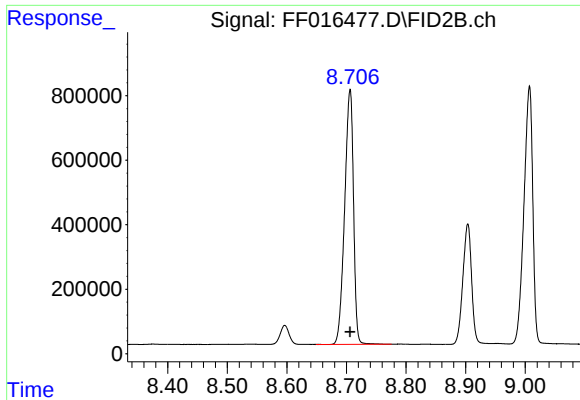
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.399 min
Delta R.T.: -0.003 min
Response: 7318749
Conc: 49.71 ug/ml



#4 2-Bromonaphthalene (SURR)

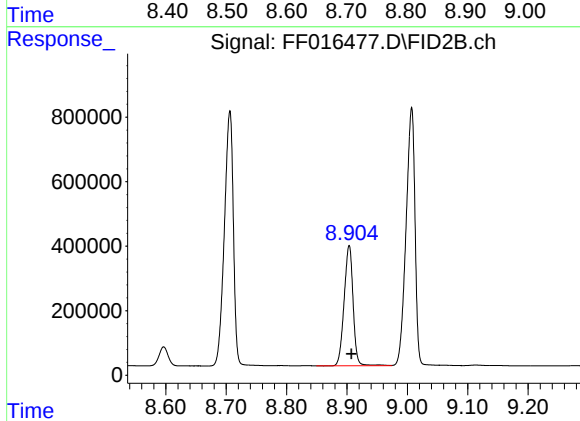
R.T.: 8.028 min
Delta R.T.: -0.003 min
Response: 6335476
Conc: 50.58 ug/ml



#5 Acenaphthylene (C15.06)

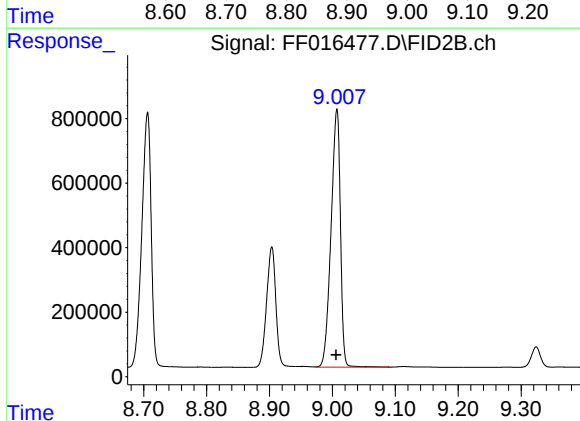
R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 8161379
Conc: 56.32 ug/ml

Instrument :
FID_F
ClientSampleId :
EME-TS14-01MS



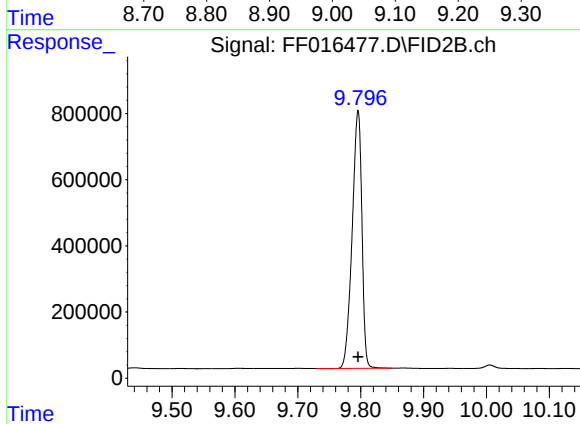
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.903 min
Delta R.T.: -0.004 min
Response: 3854619
Conc: 45.70 ug/ml



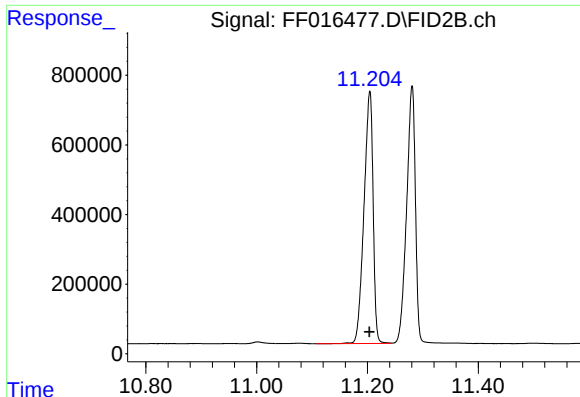
#7 Acenaphthene (C15.5)

R.T.: 9.007 min
Delta R.T.: 0.000 min
Response: 8269983
Conc: 57.66 ug/ml



#8 Flouorene (C16.55)

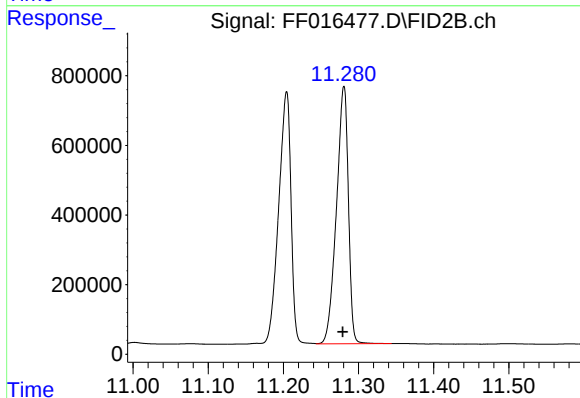
R.T.: 9.796 min
Delta R.T.: 0.000 min
Response: 8371917
Conc: 57.95 ug/ml



#9 Phenanthrene (C19.36)

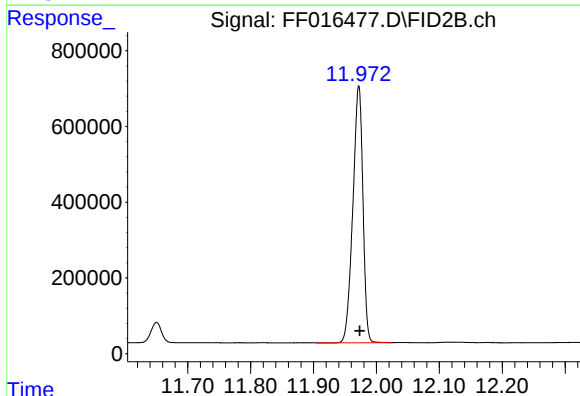
R.T.: 11.204 min
Delta R.T.: 0.000 min
Response: 8265463
Conc: 56.67 ug/ml

Instrument :
FID_F
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EME-TS14-01MS



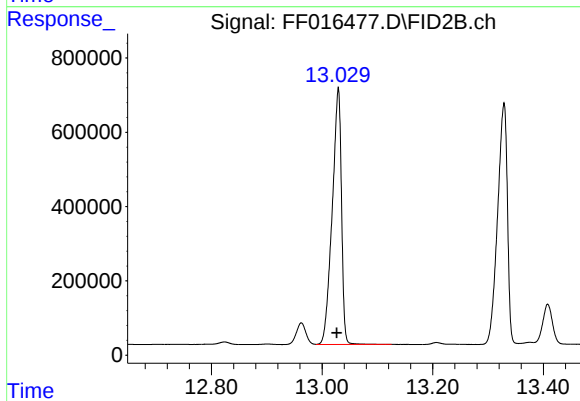
#10 Anthracene (C19.43)

R.T.: 11.280 min
Delta R.T.: 0.001 min
Response: 8159192
Conc: 57.03 ug/ml



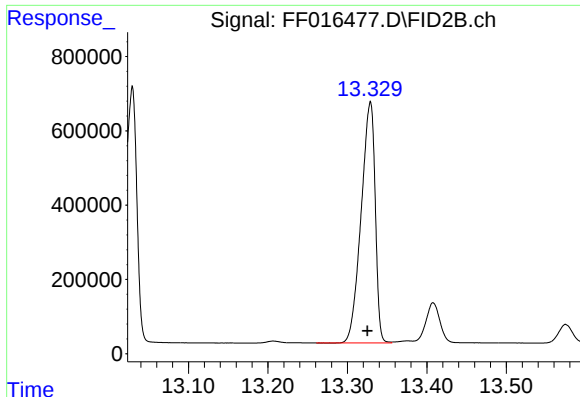
#11 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: -0.002 min
Response: 7536987
Conc: 49.44 ug/ml



#12 Fluoranthene (C21.85)

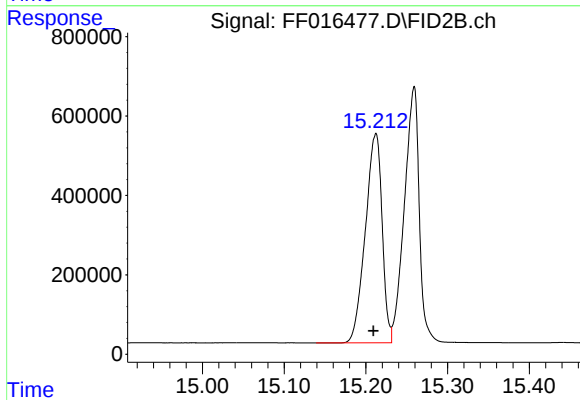
R.T.: 13.029 min
Delta R.T.: 0.002 min
Response: 8043584
Conc: 55.07 ug/ml



#13 Pyrene (C20.8)

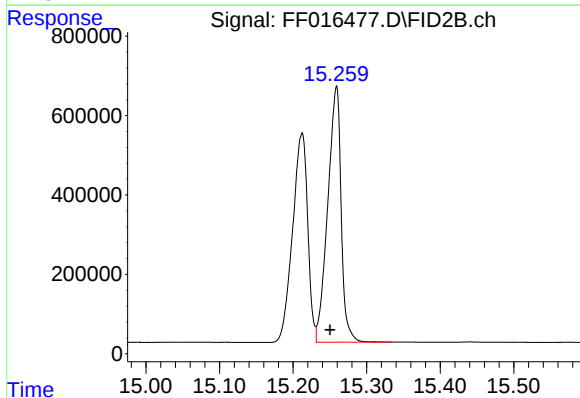
R.T.: 13.328 min
Delta R.T.: 0.003 min
Response: 7987278
Conc: 55.74 ug/ml

Instrument :
FID_F
ClientSampleId :
EME-TS14-01MS



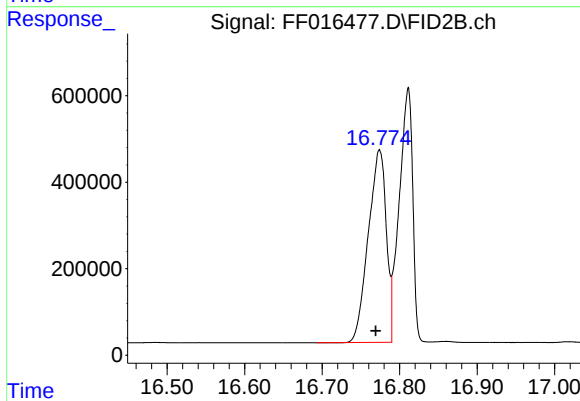
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.212 min
Delta R.T.: 0.003 min
Response: 7505958
Conc: 55.14 ug/ml



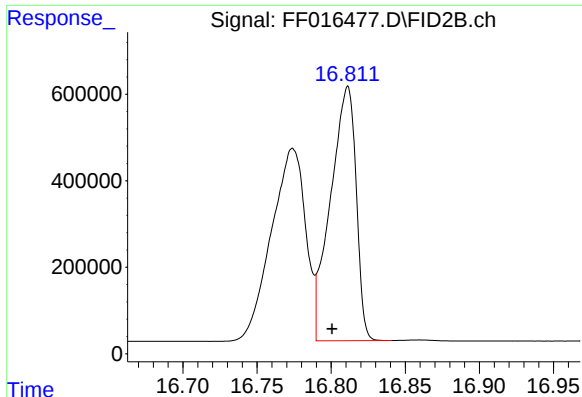
#15 Chrysene (C27.41)

R.T.: 15.258 min
Delta R.T.: 0.008 min
Response: 8158062
Conc: 57.19 ug/ml



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

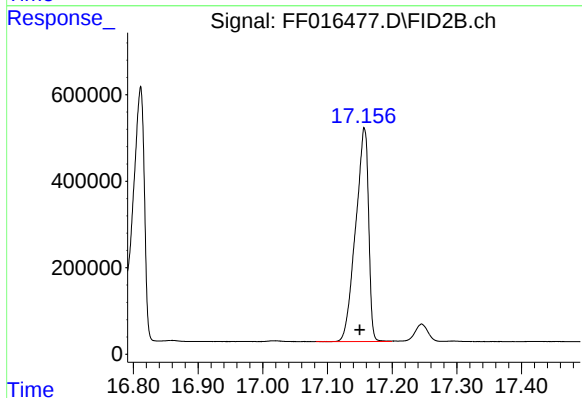
R.T.: 16.774 min
Delta R.T.: 0.005 min
Response: 7165472
Conc: 54.53 ug/ml



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

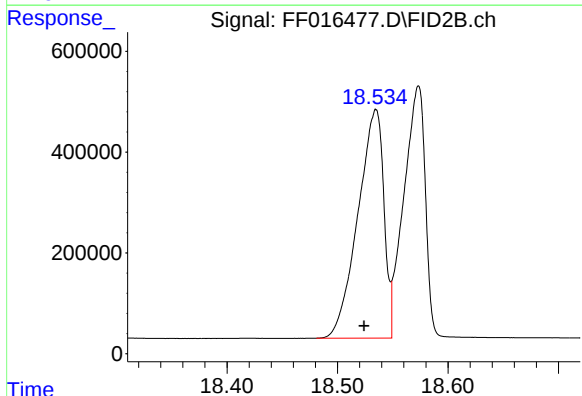
R.T.: 16.811 min
Delta R.T.: 0.010 min
Response: 7070755
Conc: 56.18 ug/ml

Instrument :
FID_F
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EME-TS14-01MS



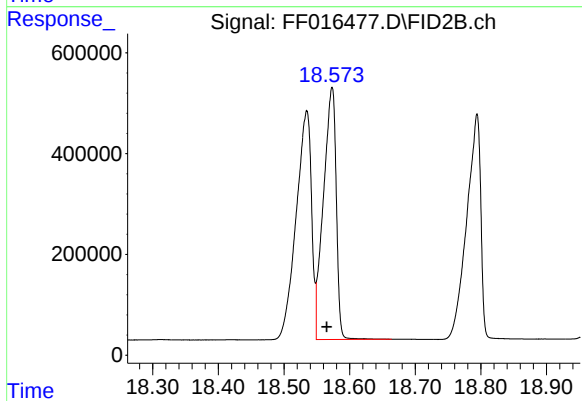
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.157 min
Delta R.T.: 0.007 min
Response: 6862551
Conc: 53.74 ug/ml



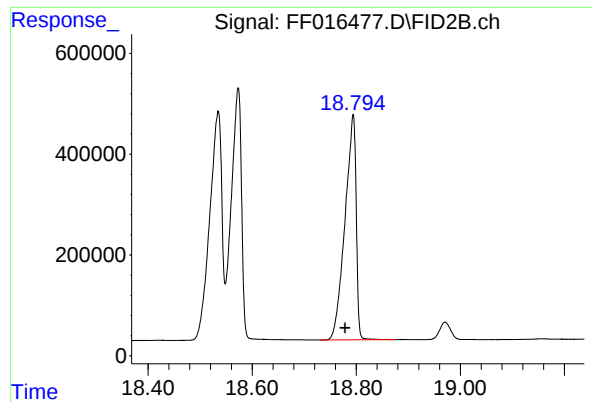
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.534 min
Delta R.T.: 0.010 min
Response: 7406464
Conc: 64.95 ug/ml



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

R.T.: 18.573 min
Delta R.T.: 0.008 min
Response: 6766990
Conc: 51.83 ug/ml



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

R.T.: 18.793 min
Delta R.T.: 0.015 min
Response: 6667087
Conc: 54.14 ug/ml

Instrument :

FID_F

ClientSampleId :

EME-TS14-01MS