

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015531.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 10:58
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 26 12:35:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:26:20 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...	8.003	538529	4.626 ug/ml
Spiked Amount 50.000		Recovery =	9.25%
6) S 2-Fluorobiphenyl (SURR)	8.892	259291	3.640 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.28%
11) S ortho-Terphenyl (SURR)	11.934	776499	5.279 ug/ml
Spiked Amount 50.000		Recovery =	10.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	662305	5.130 ug/ml
2) T Naphthalene (C11.7)	6.281	591957	4.638 ug/ml
3) T 2-Methylnaphthalene (...)	7.378	581701	4.594 ug/ml
5) T Acenaphthylene (C15.06)	8.674	727458	5.146 ug/ml
7) T Acenaphthene (C15.5)	8.970	765465	5.374 ug/ml
8) T Fluorene (C16.55)	9.769	616053	4.630 ug/ml
9) T Phenanthrene (C19.36)	11.176	587822	4.519 ug/ml
10) T Anthracene (C19.43)	11.258	548650	4.380 ug/ml
12) T Fluoranthene (C21.85)	12.998	706215	5.001 ug/ml
13) T Pyrene (C20.8)	13.294	739289	5.142 ug/ml
14) T Benzo[a]anthracene (C...	15.181	411104	3.500 ug/ml
15) T Chrysene (C27.41)	15.219	815728	5.461 ug/ml
16) T benzo[b]fluoranthene ...	16.737	574628	4.412 ug/ml
17) T Bnezo[k]fluoranthene ...	16.770	836422	5.605 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.130	606525	4.779 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.510	423177	4.134 ug/ml
20) T Dibenz[a,h]anthracene...	18.555	582595	4.439 ug/ml
21) T Benzo[g,h,i]perylene ...	18.747	589049	4.734 ug/ml

(f)=RT Delta > 1/2 Window

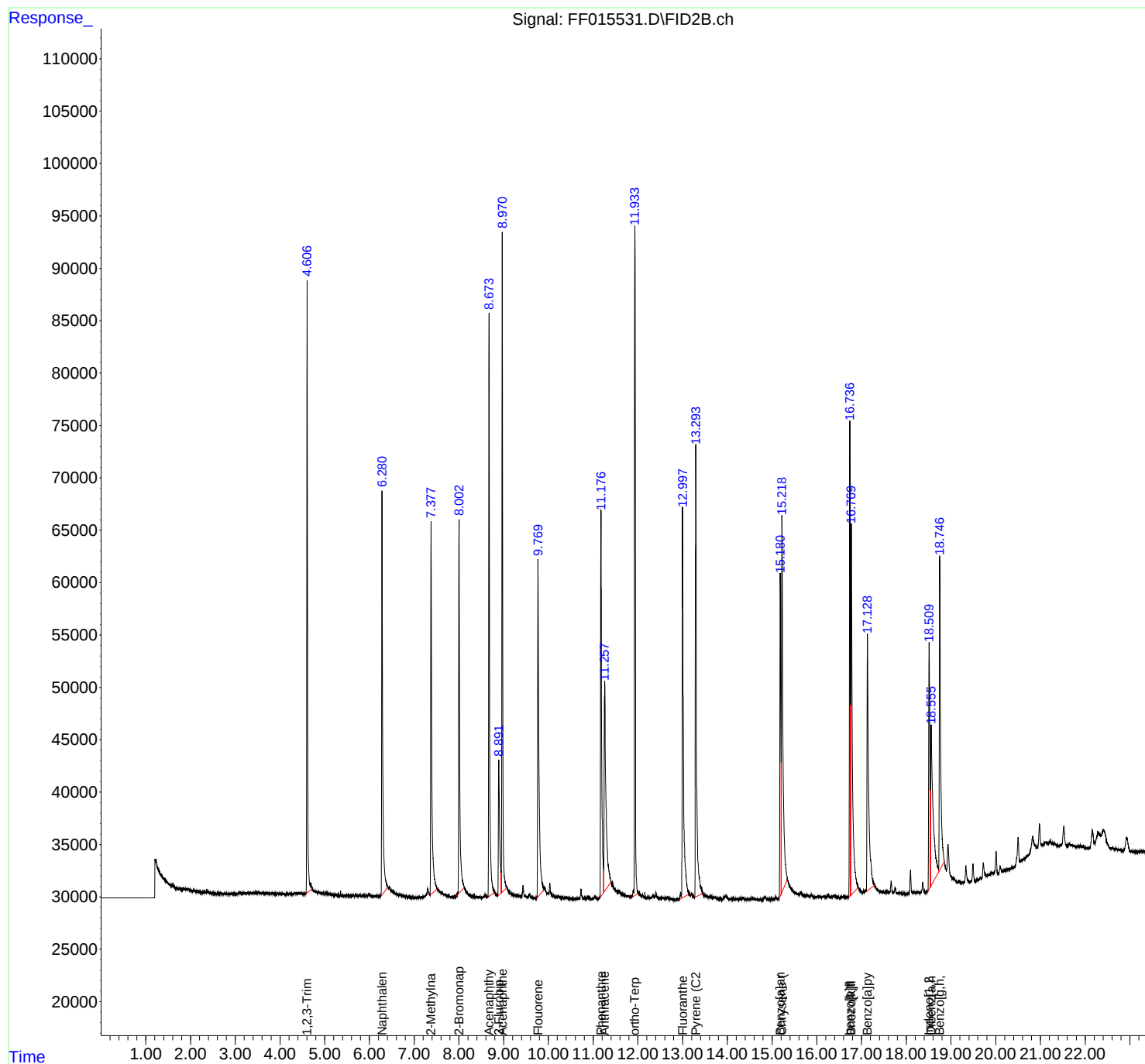
(m)=manual int.

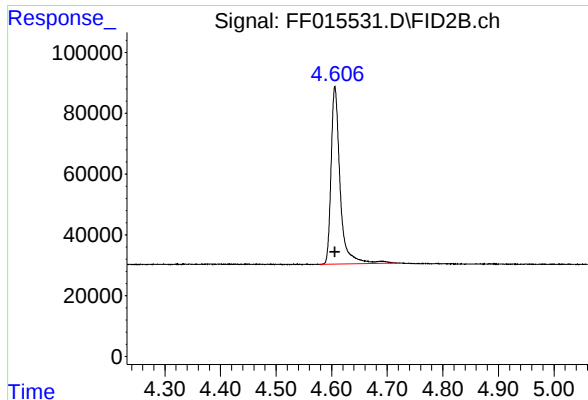
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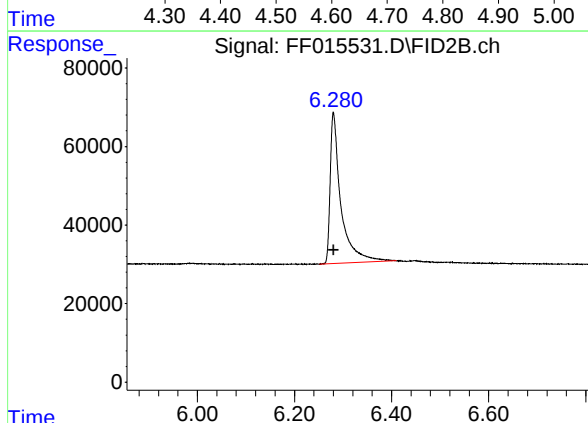




#1 1,2,3-Trimethylbenzene (C10.1)

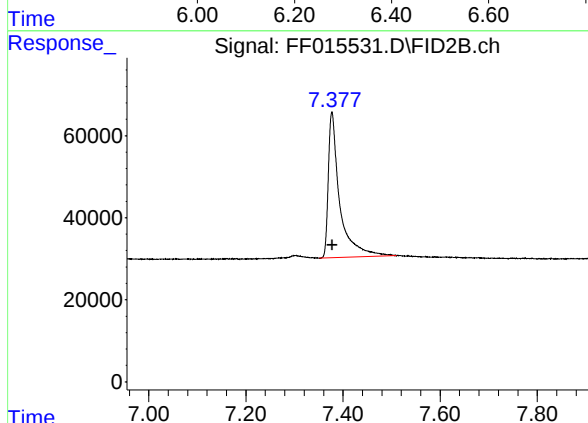
R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 662305
Conc: 5.13 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



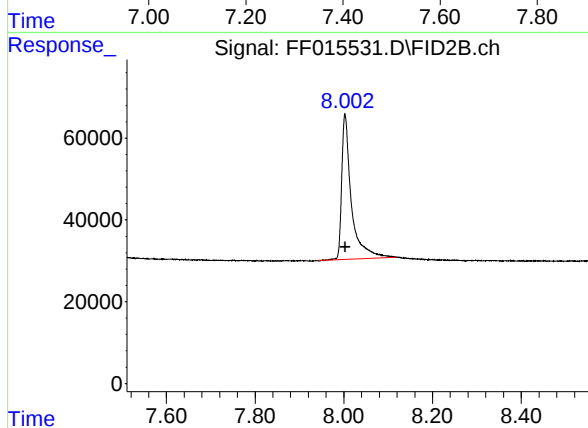
#2 Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 591957
Conc: 4.64 ug/ml



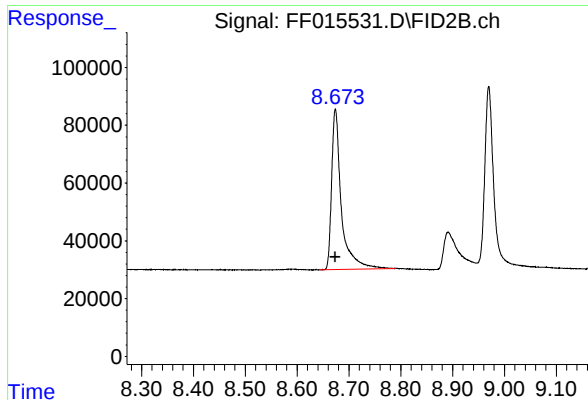
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: 0.000 min
Response: 581701
Conc: 4.59 ug/ml



#4 2-Bromonaphthalene (SURR)

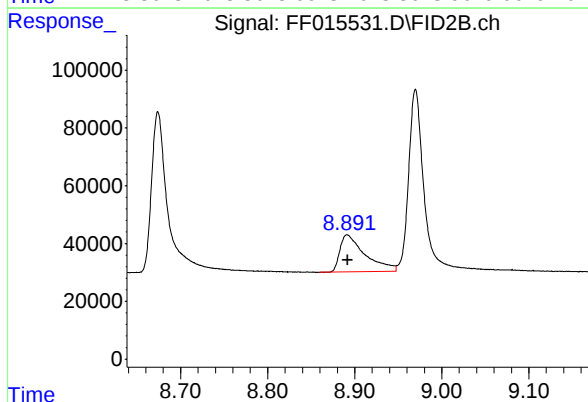
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 538529
Conc: 4.63 ug/ml



#5 Acenaphthylene (C15.06)

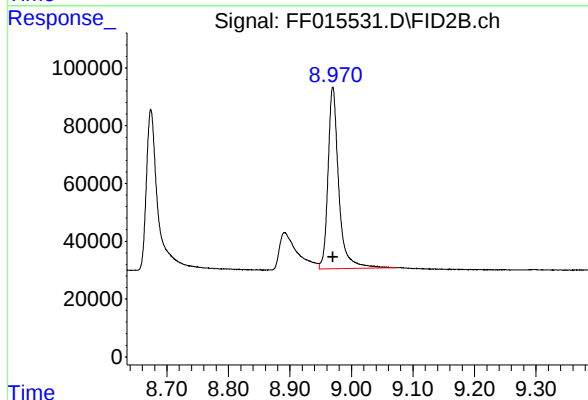
R.T.: 8.674 min
Delta R.T.: 0.000 min
Response: 727458
Conc: 5.15 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



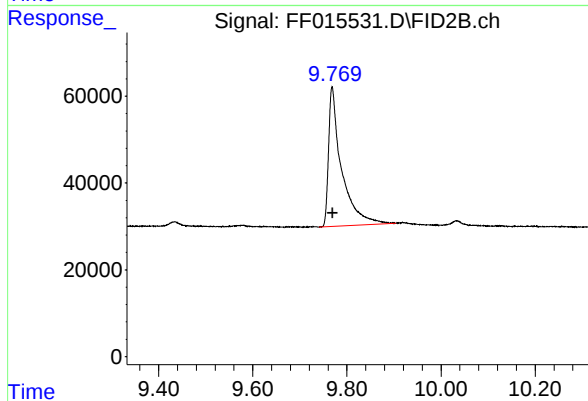
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 259291
Conc: 3.64 ug/ml



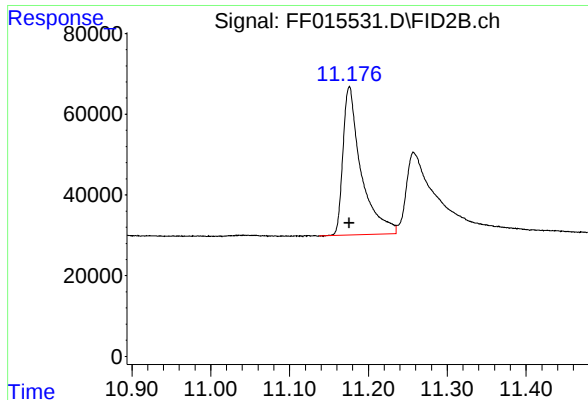
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 765465
Conc: 5.37 ug/ml



#8 Fluorene (C16.55)

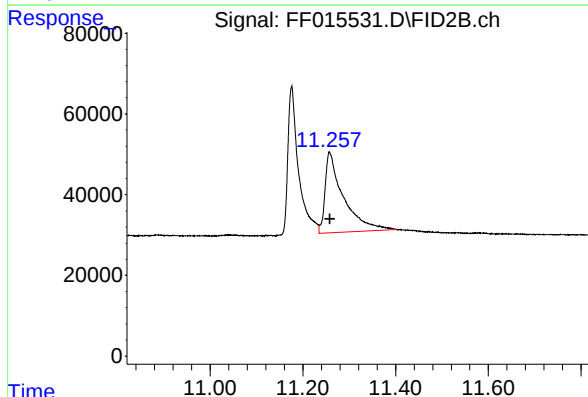
R.T.: 9.769 min
Delta R.T.: 0.000 min
Response: 616053
Conc: 4.63 ug/ml



#9 Phenanthrene (C19.36)

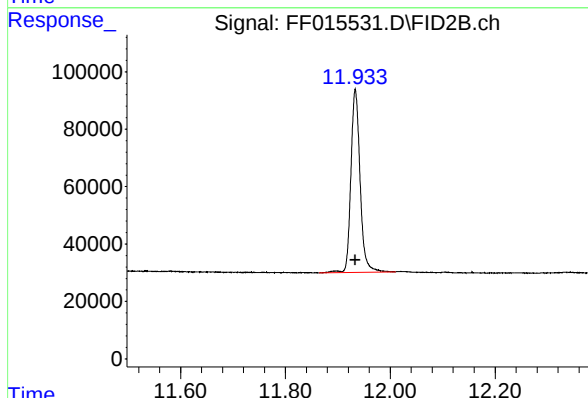
R.T.: 11.176 min
Delta R.T.: 0.000 min
Response: 587822
Conc: 4.52 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



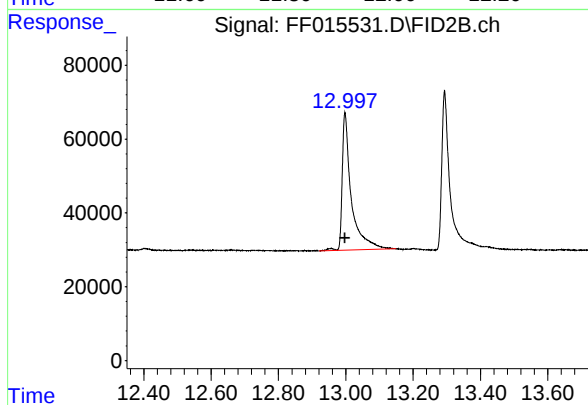
#10 Anthracene (C19.43)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 548650
Conc: 4.38 ug/ml



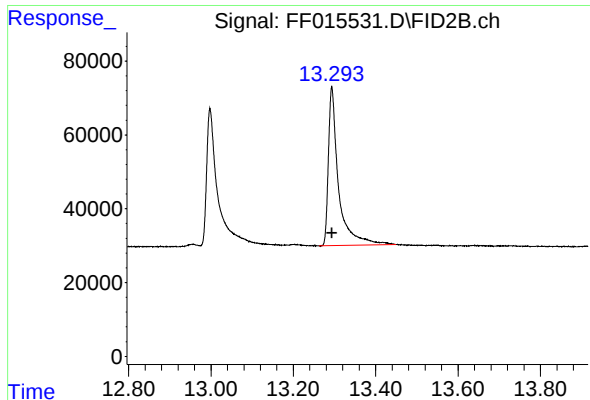
#11 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 776499
Conc: 5.28 ug/ml



#12 Fluoranthene (C21.85)

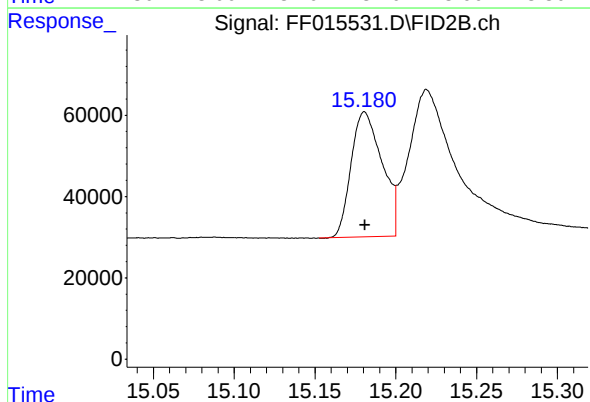
R.T.: 12.998 min
Delta R.T.: 0.000 min
Response: 706215
Conc: 5.00 ug/ml



#13 Pyrene (C20.8)

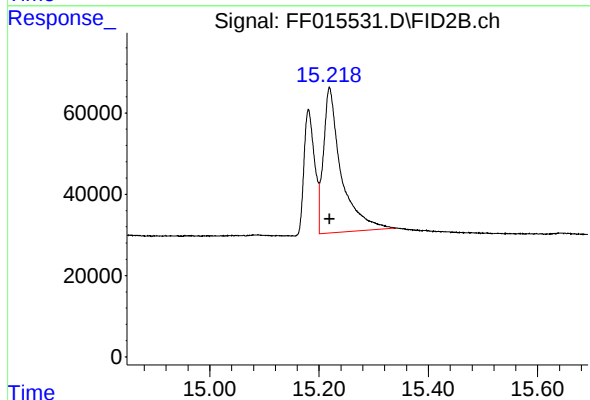
R.T.: 13.294 min
Delta R.T.: 0.000 min
Response: 739289
Conc: 5.14 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



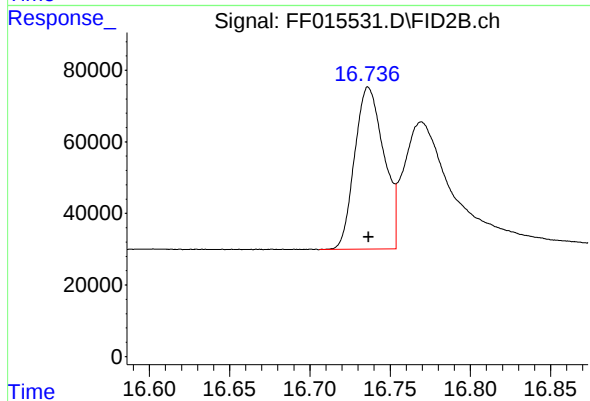
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.181 min
Delta R.T.: 0.000 min
Response: 411104
Conc: 3.50 ug/ml



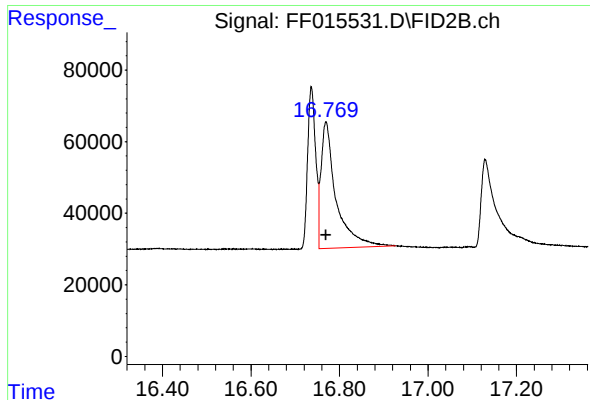
#15 Chrysene (C27.41)

R.T.: 15.219 min
Delta R.T.: 0.000 min
Response: 815728
Conc: 5.46 ug/ml



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

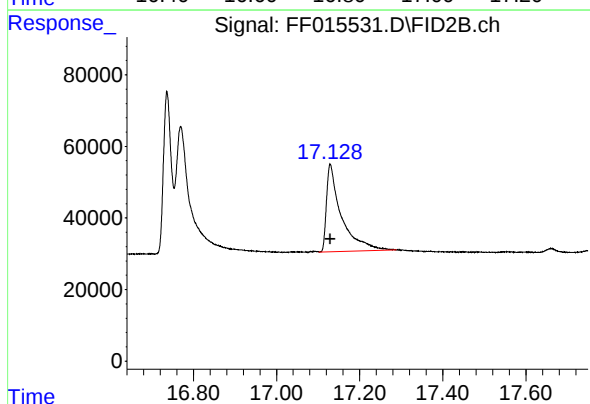
R.T.: 16.737 min
Delta R.T.: 0.000 min
Response: 574628
Conc: 4.41 ug/ml



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

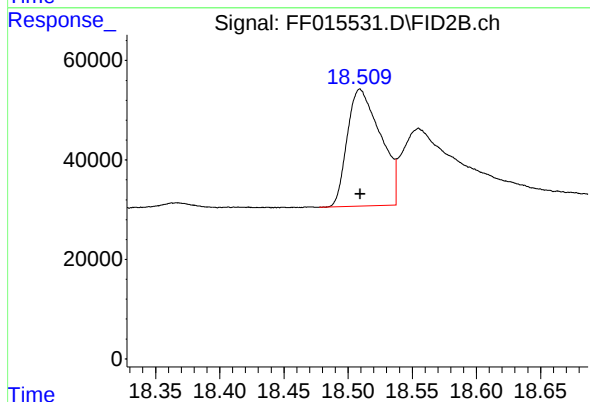
R.T.: 16.770 min
Delta R.T.: 0.000 min
Response: 836422
Conc: 5.61 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



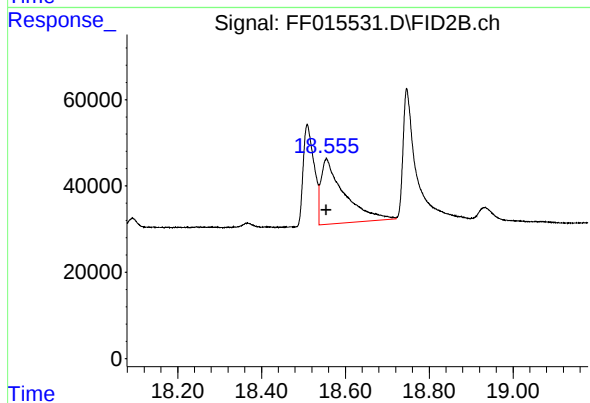
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.130 min
Delta R.T.: 0.000 min
Response: 606525
Conc: 4.78 ug/ml



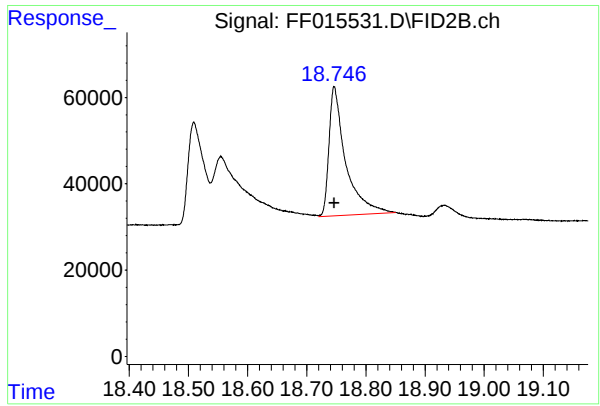
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.510 min
Delta R.T.: 0.000 min
Response: 423177
Conc: 4.13 ug/ml



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

R.T.: 18.555 min
Delta R.T.: 0.000 min
Response: 582595
Conc: 4.44 ug/ml



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

R.T.: 18.747 min
Delta R.T.: 0.000 min
Response: 589049
Conc: 4.73 ug/ml

Instrument :

FID_F

ClientSampleId :

5 PPM AROMATIC HC STD5