

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015530.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 10:28
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 26 12:32:47 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...	7.998	1328026	11.198 ug/ml
Spiked Amount 50.000		Recovery =	22.40%
6) S 2-Fluorobiphenyl (SURR)	8.876	783654	10.301 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.60%
11) S ortho-Terphenyl (SURR)	11.932	1681667	11.593 ug/ml
Spiked Amount 50.000		Recovery =	23.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	1453713	11.335 ug/ml
2) T Naphthalene (C11.7)	6.277	1428112	10.991 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	1426121	11.039 ug/ml
5) T Acenaphthylene (C15.06)	8.671	1616916	11.523 ug/ml
7) T Acenaphthene (C15.5)	8.968	1621490	11.602 ug/ml
8) T Fluorene (C16.55)	9.761	1494683	11.029 ug/ml
9) T Phenanthrene (C19.36)	11.167	1458311	10.948 ug/ml
10) T Anthracene (C19.43)	11.244	1405178	10.882 ug/ml
12) T Fluoranthene (C21.85)	12.989	1604701	11.364 ug/ml
13) T Pyrene (C20.8)	13.287	1650019	11.559 ug/ml
14) T Benzo[a]anthracene (C...	15.170	1262368	9.997 ug/ml
15) T Chrysene (C27.41)	15.211	1748922	11.986 ug/ml
16) T benzo[b]fluoranthene ...	16.730	1459147	10.884 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	1716828	11.865 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.115	1455897	11.347 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.489	1036997	9.711 ug/ml
20) T Dibenz[a,h]anthracene...	18.531	1527081	11.526 ug/ml
21) T Benzo[g,h,i]perylene ...	18.738	1411226	11.191 ug/ml

(f)=RT Delta > 1/2 Window

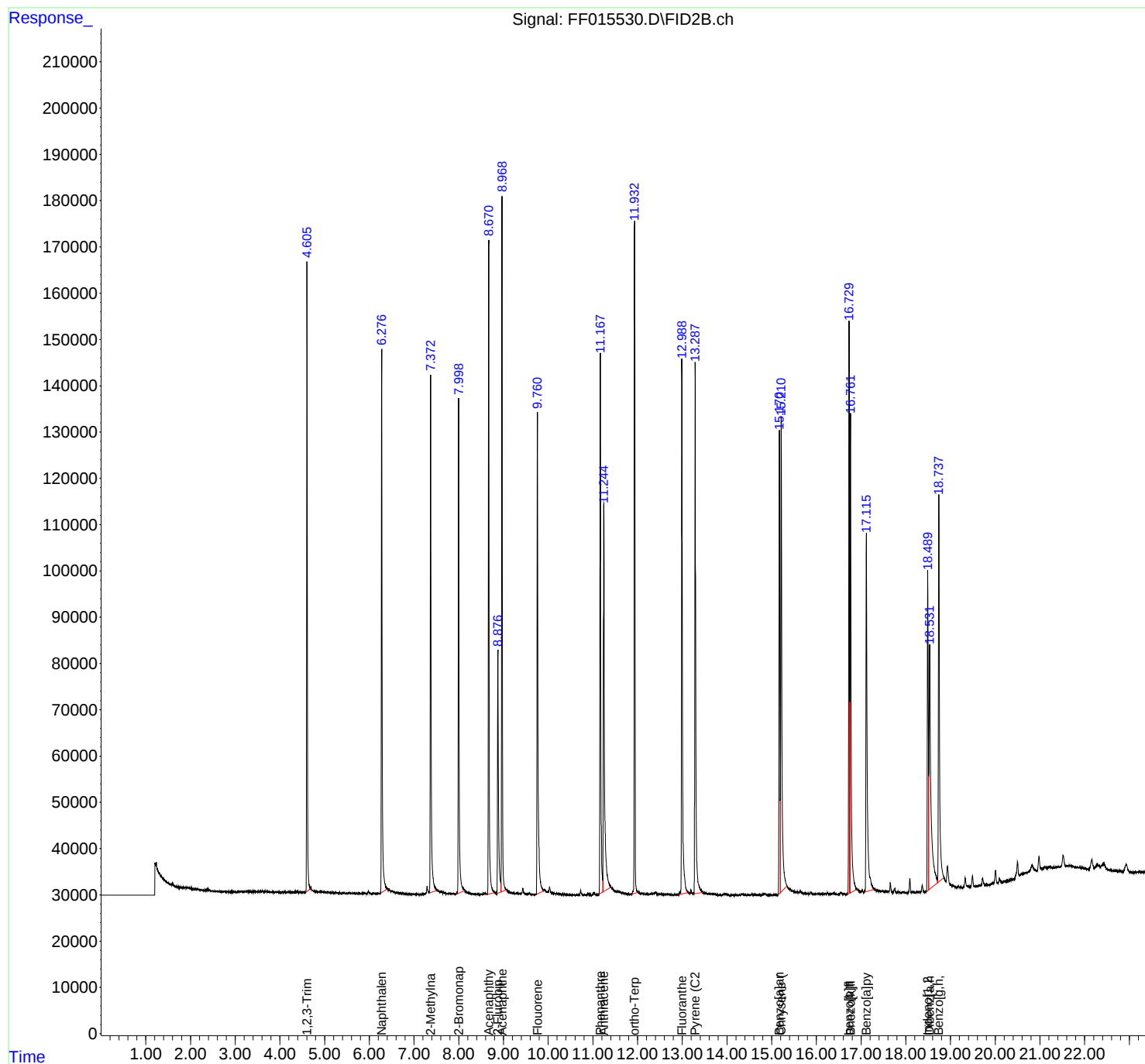
(m)=manual int.

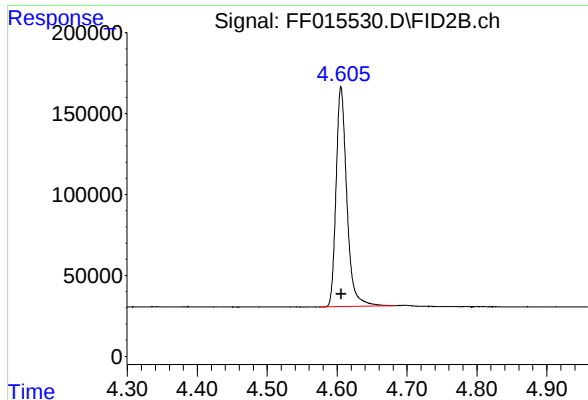
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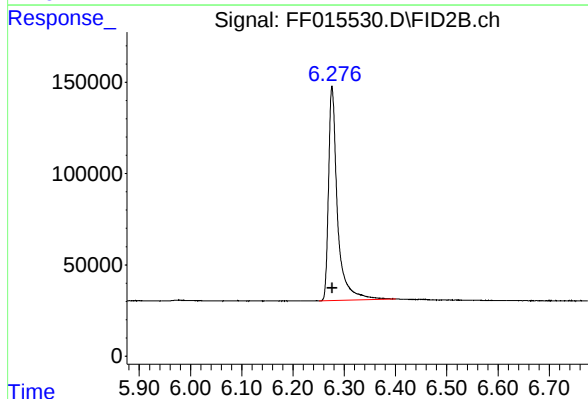




#1 1,2,3-Trimethylbenzene (C10.1)

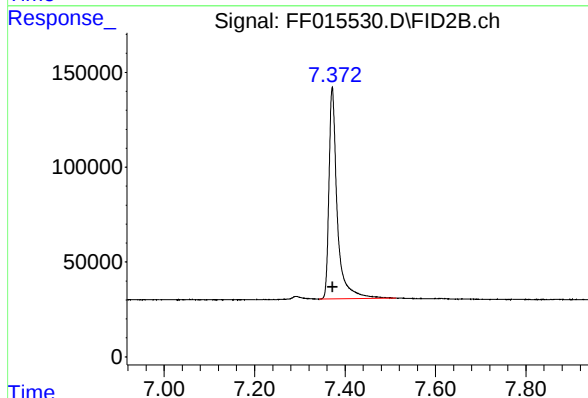
R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 1453713
Conc: 11.33 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



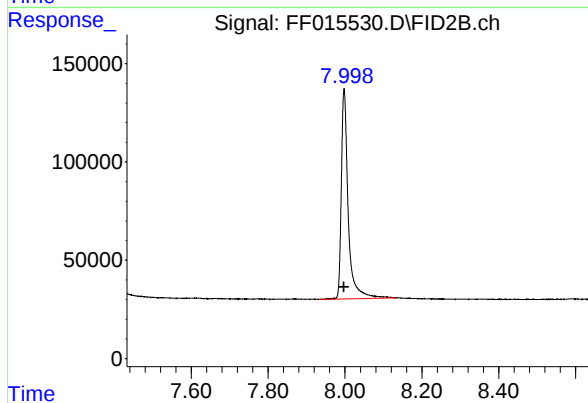
#2 Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 1428112
Conc: 10.99 ug/ml



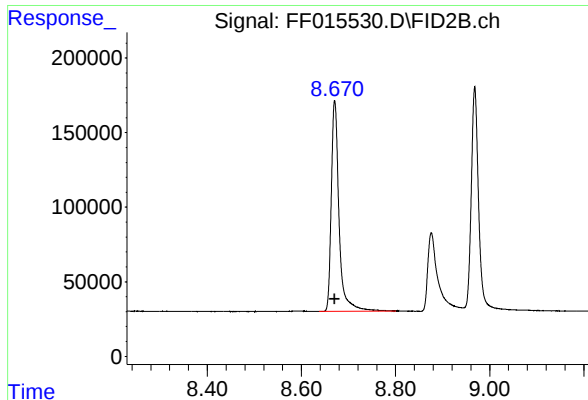
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 1426121
Conc: 11.04 ug/ml



#4 2-Bromonaphthalene (SURR)

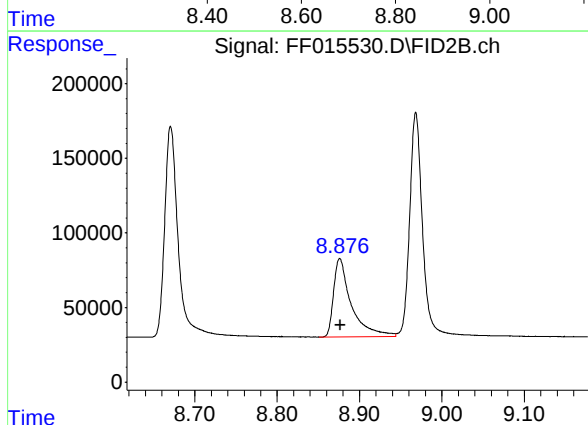
R.T.: 7.998 min
Delta R.T.: 0.000 min
Response: 1328026
Conc: 11.20 ug/ml



#5 Acenaphthylene (C15.06)

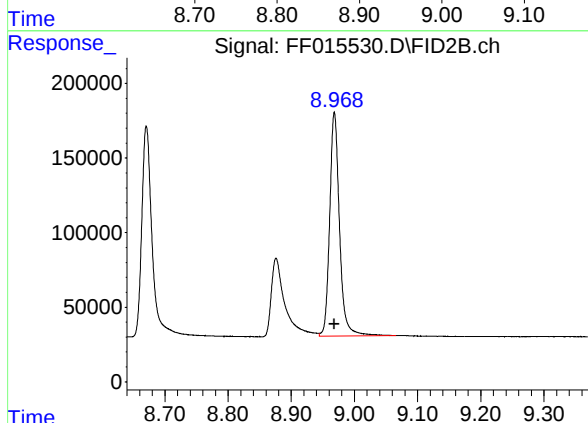
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 1616916
Conc: 11.52 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



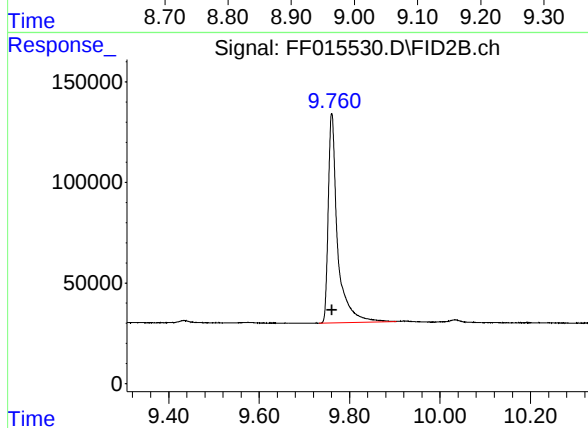
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.876 min
Delta R.T.: 0.000 min
Response: 783654
Conc: 10.30 ug/ml



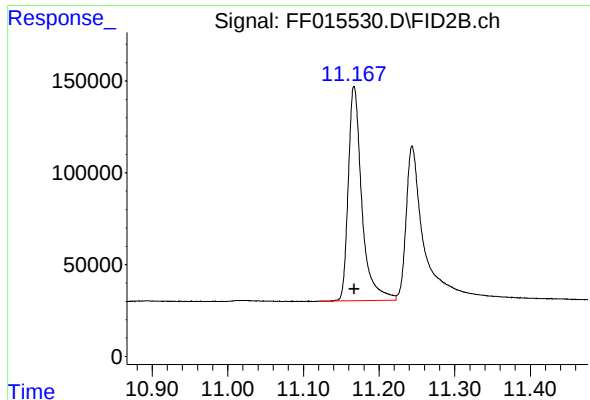
#7 Acenaphthene (C15.5)

R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 1621490
Conc: 11.60 ug/ml



#8 Fluorene (C16.55)

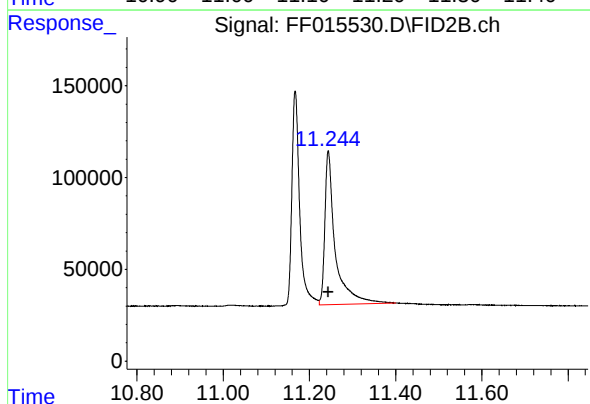
R.T.: 9.761 min
Delta R.T.: 0.000 min
Response: 1494683
Conc: 11.03 ug/ml



#9 Phenanthrene (C19.36)

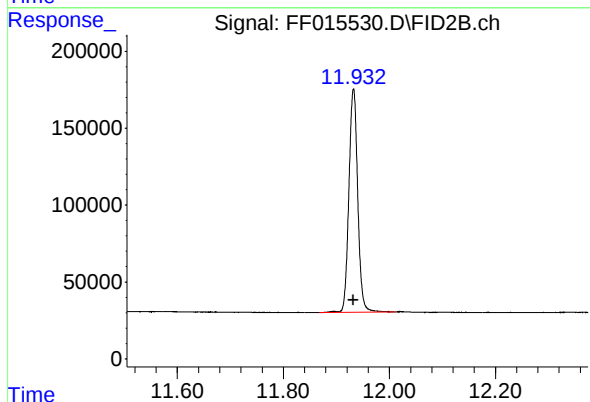
R.T.: 11.167 min
Delta R.T.: 0.000 min
Response: 1458311
Conc: 10.95 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



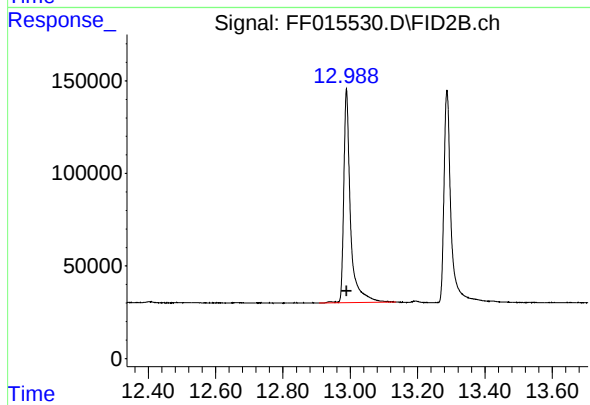
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: 0.000 min
Response: 1405178
Conc: 10.88 ug/ml



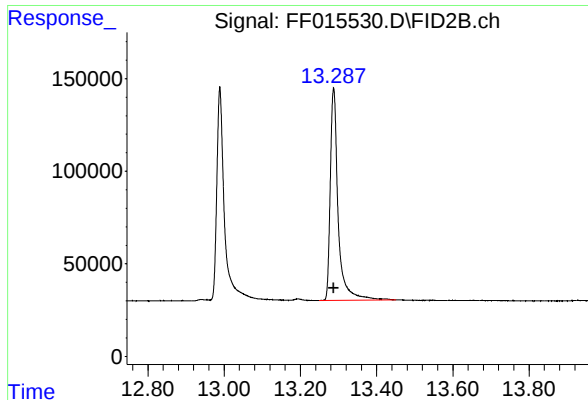
#11 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: 0.000 min
Response: 1681667
Conc: 11.59 ug/ml



#12 Fluoranthene (C21.85)

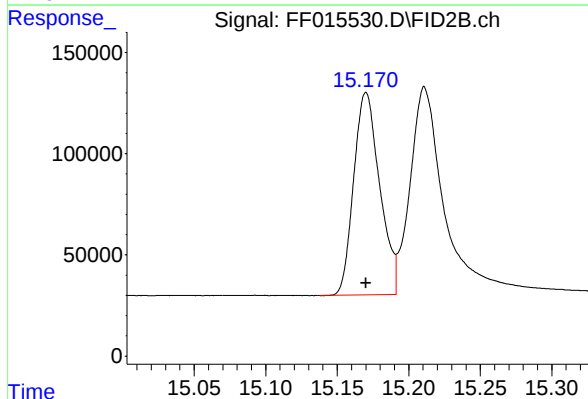
R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 1604701
Conc: 11.36 ug/ml



#13 Pyrene (C20.8)

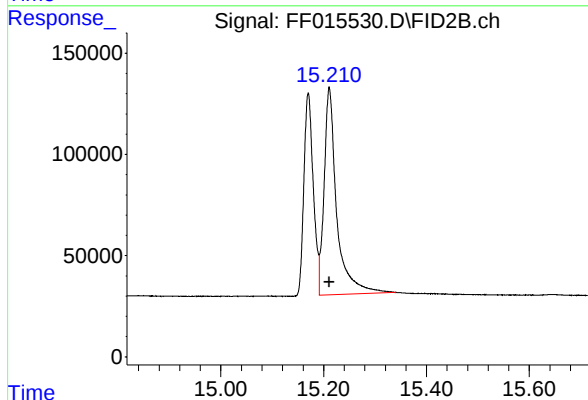
R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 1650019
Conc: 11.56 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



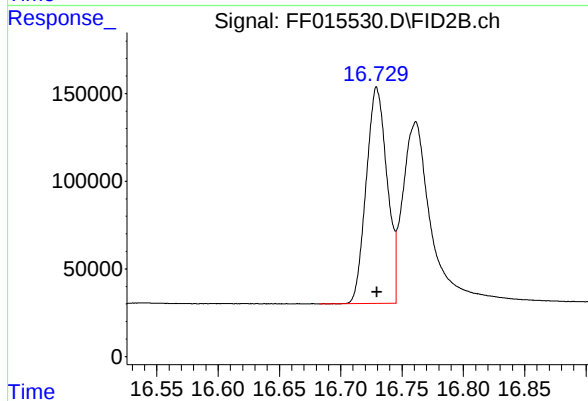
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.170 min
Delta R.T.: 0.000 min
Response: 1262368
Conc: 10.00 ug/ml



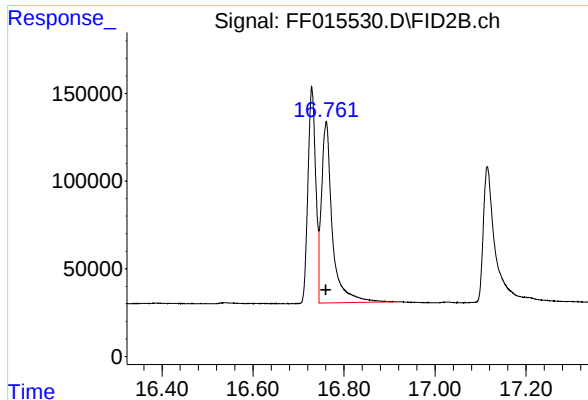
#15 Chrysene (C27.41)

R.T.: 15.211 min
Delta R.T.: 0.000 min
Response: 1748922
Conc: 11.99 ug/ml



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

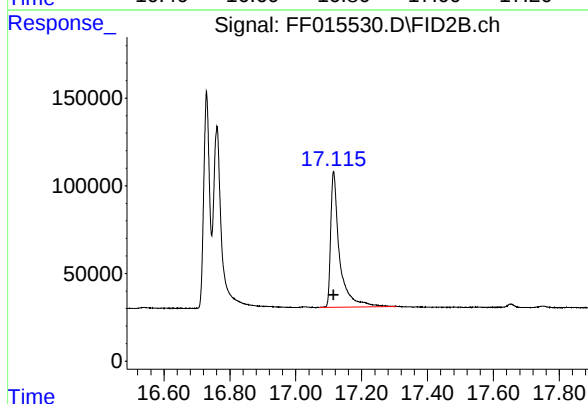
R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 1459147
Conc: 10.88 ug/ml



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

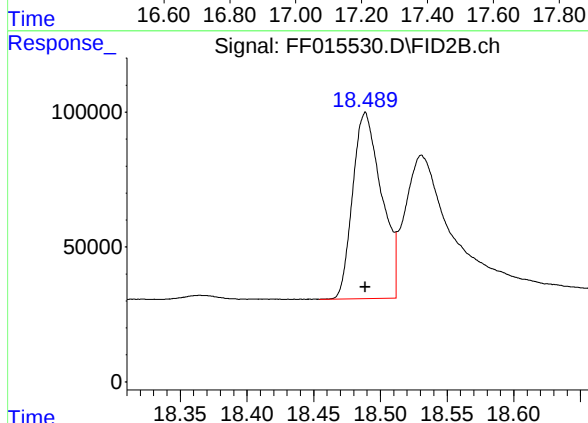
R.T.: 16.761 min
Delta R.T.: 0.000 min
Response: 1716828
Conc: 11.86 ug/ml

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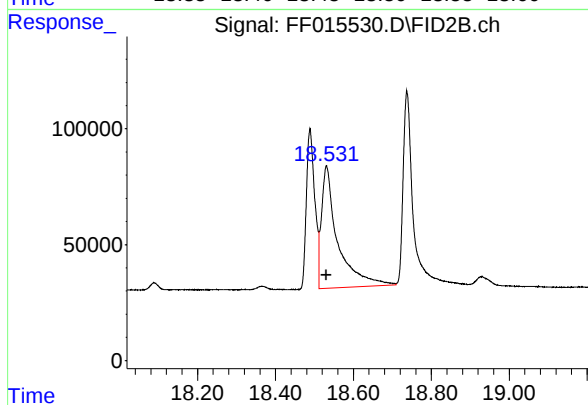
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.115 min
Delta R.T.: 0.000 min
Response: 1455897
Conc: 11.35 ug/ml



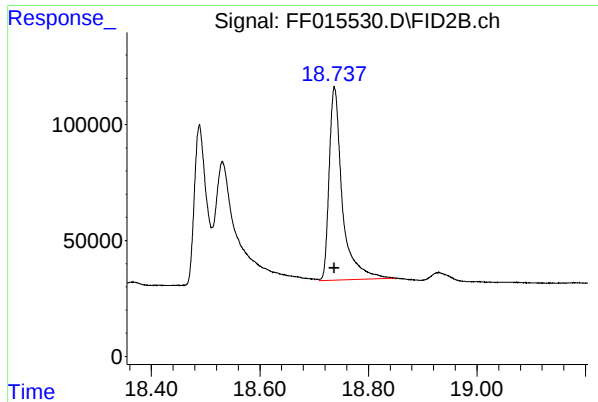
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.489 min
Delta R.T.: 0.000 min
Response: 1036997
Conc: 9.71 ug/ml



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

R.T.: 18.531 min
Delta R.T.: 0.000 min
Response: 1527081
Conc: 11.53 ug/ml



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

R.T.: 18.738 min

Delta R.T.: 0.000 min

Response: 1411226

Conc: 11.19 ug/ml

Instrument :

FID_F

ClientSampleId :

10 PPM AROMATIC HC STD4