

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082024AR\
 Data File : FF014440.D
 Signal(s) : FID2B.ch
 Acq On : 20 Aug 2024 14:26
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 20 14:52:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 14:45:54 2024
 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...	7.877	1227805	9.689 ug/ml
Spiked Amount 50.000		Recovery =	19.38%
6) S 2-Fluorobiphenyl (SURR)	8.749	684886	8.595 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.19%
11) S ortho-Terphenyl (SURR)	11.804	1627263	10.332 ug/ml
Spiked Amount 50.000		Recovery =	20.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	1512138	10.302 ug/ml
2) T Naphthalene (C11.7)	6.154	1481517	9.847 ug/ml
3) T 2-Methylnaphthalene (...)	7.248	1485761	9.835 ug/ml
5) T Acenaphthylene (C15.06)	8.544	1464995	9.818 ug/ml
7) T Acenaphthene (C15.5)	8.843	1596782	10.227 ug/ml
8) T Fluorene (C16.55)	9.633	1391710	9.525 ug/ml
9) T Phenanthrene (C19.36)	11.035	1394283	9.603 ug/ml
10) T Anthracene (C19.43)	11.111	1540681	10.505 ug/ml
12) T Fluoranthene (C21.85)	12.852	1531099	9.974 ug/ml
13) T Pyrene (C20.8)	13.149	1573130	10.299 ug/ml
14) T Benzo[a]anthracene (C...	15.030	1193979	8.883 ug/ml
15) T Chrysene (C27.41)	15.070	1787630	10.865 ug/ml
16) T benzo[b]fluoranthene ...	16.585	1262997	9.056 ug/ml
17) T Bnezo[k]fluoranthene ...	16.617	1686149	11.038 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.968	1365545	9.676 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.344	786894	7.657 ug/ml
20) T Dibenz[a,h]anthracene...	18.390	1585803	10.442 ug/ml
21) T Benzo[g,h,i]perylene ...	18.588	1381774	10.195 ug/ml

(f)=RT Delta > 1/2 Window

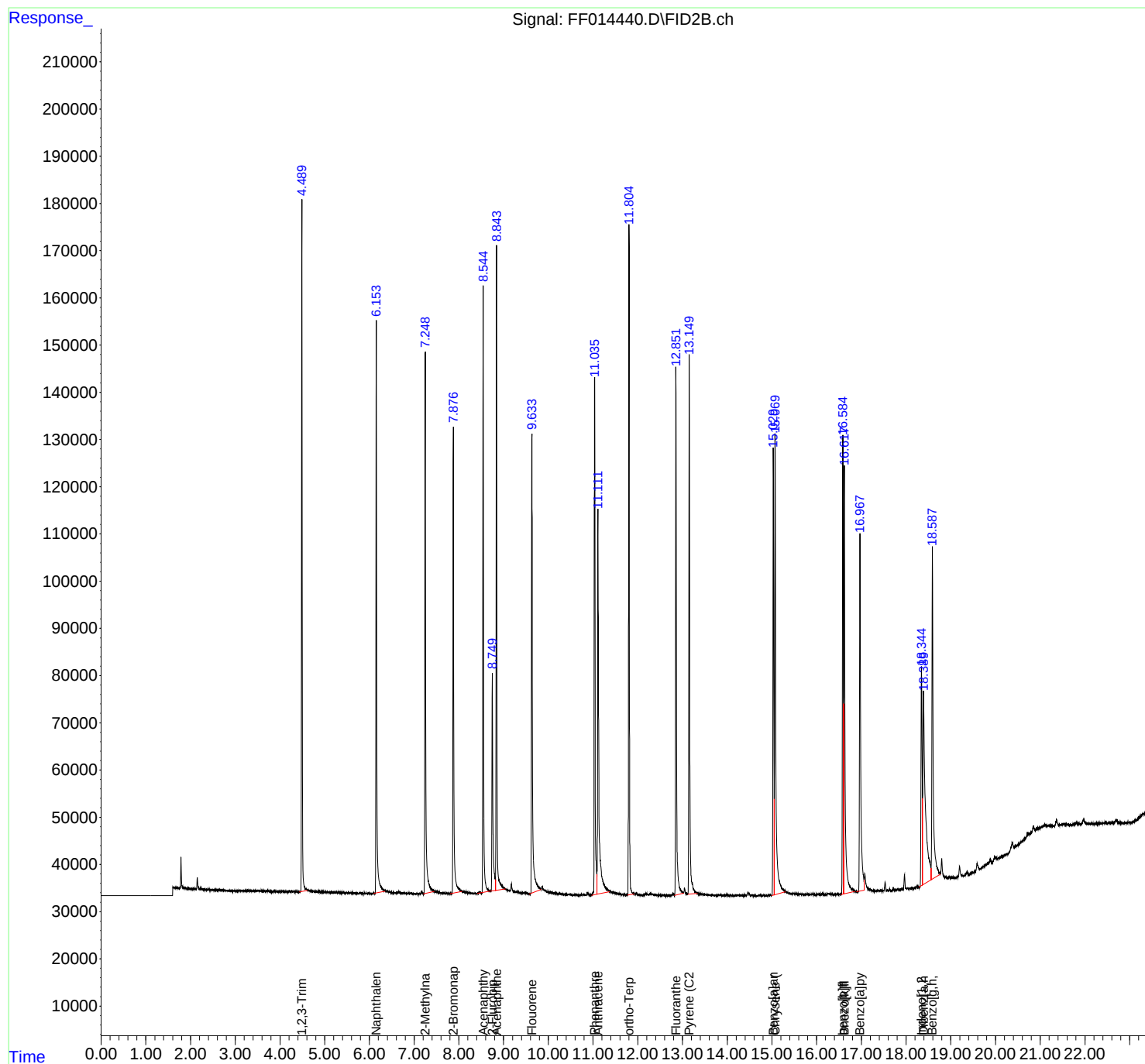
(m)=manual int.

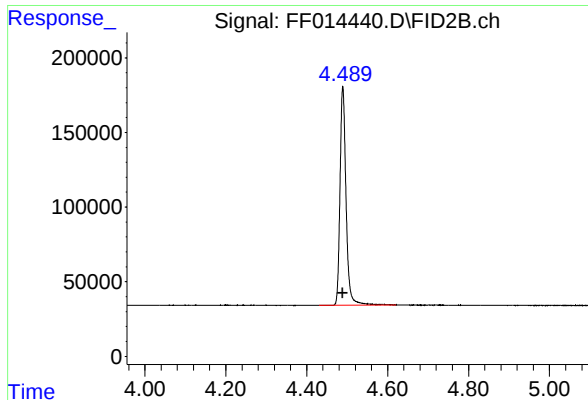
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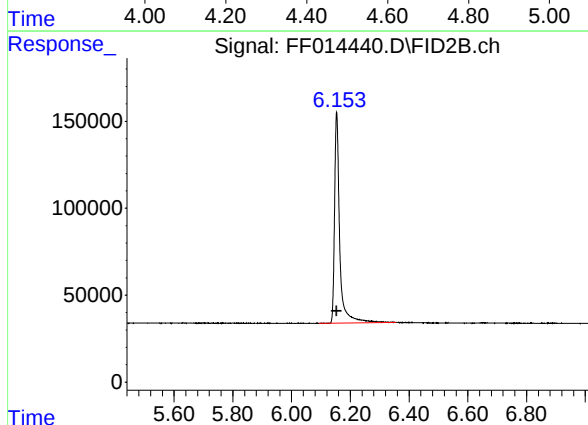




#1 1,2,3-Trimethylbenzene (C10.1)

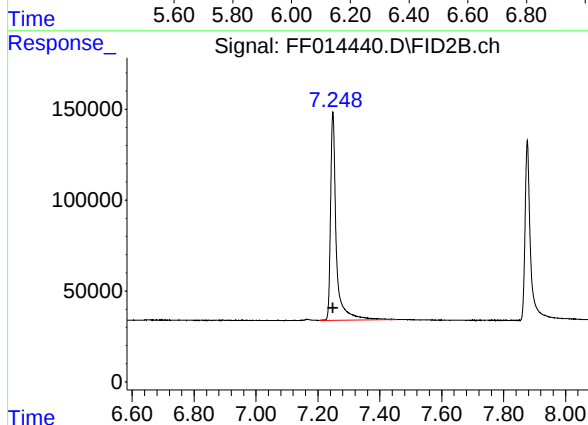
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 1512138
Conc: 10.30 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



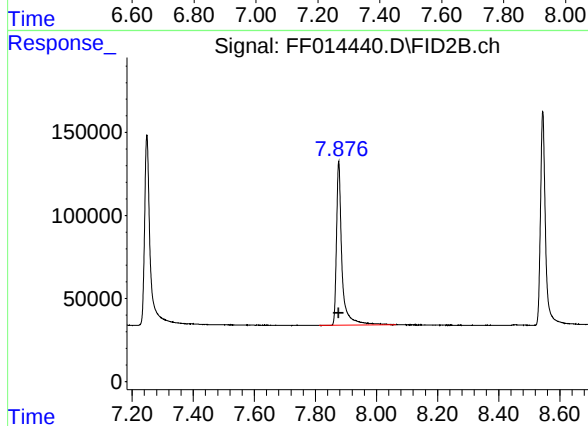
#2 Naphthalene (C11.7)

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 1481517
Conc: 9.85 ug/ml



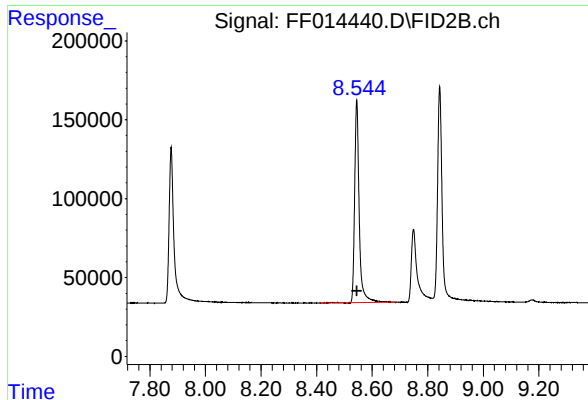
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.248 min
Delta R.T.: 0.000 min
Response: 1485761
Conc: 9.83 ug/ml



#4 2-Bromonaphthalene (SURR)

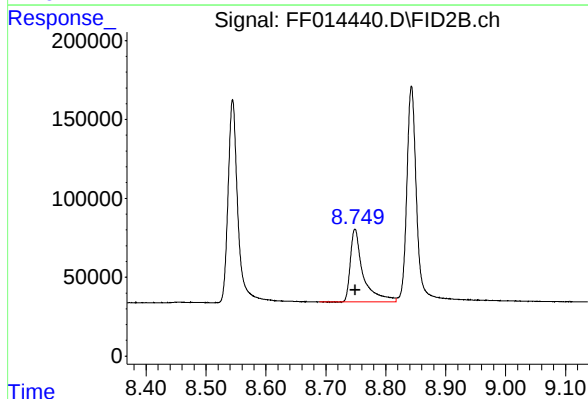
R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 1227805
Conc: 9.69 ug/ml



#5 Acenaphthylene (C15.06)

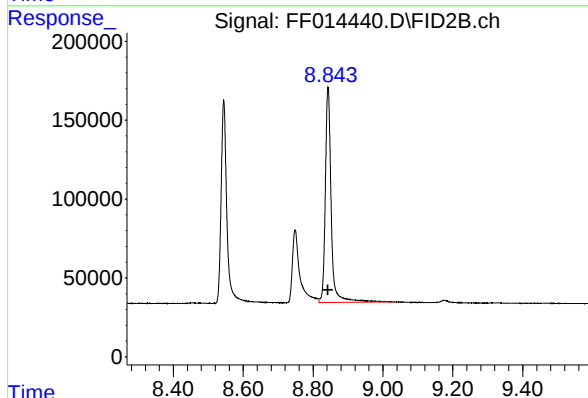
R.T.: 8.544 min
Delta R.T.: 0.000 min
Response: 1464995
Conc: 9.82 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



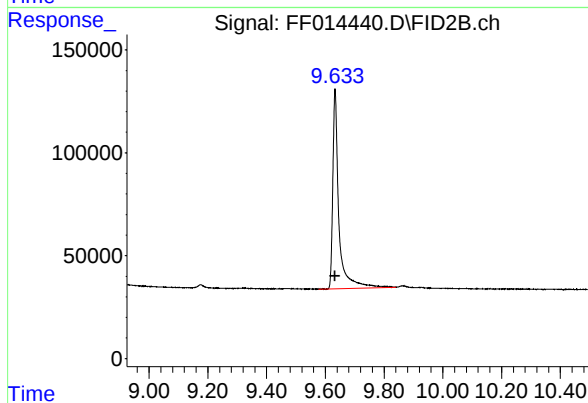
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.749 min
Delta R.T.: 0.000 min
Response: 684886
Conc: 8.59 ug/ml



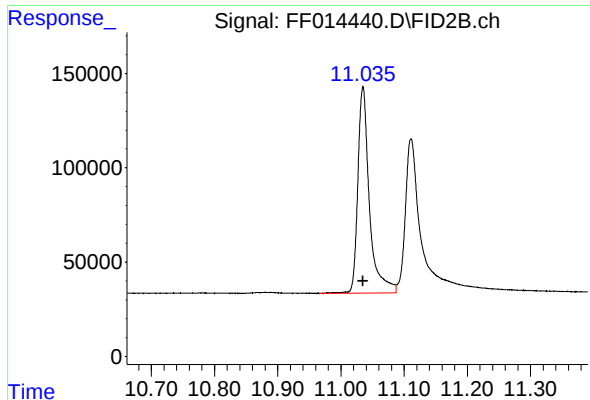
#7 Acenaphthene (C15.5)

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 1596782
Conc: 10.23 ug/ml



#8 Fluorene (C16.55)

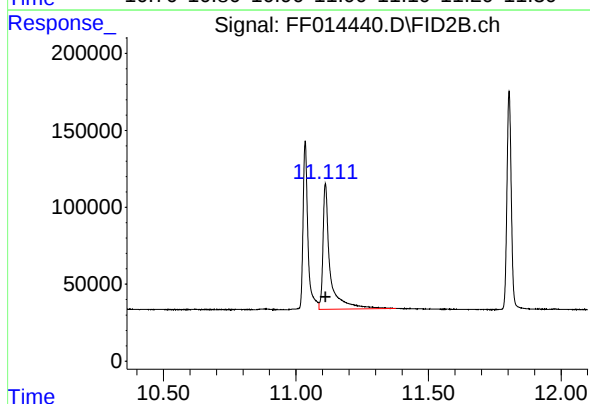
R.T.: 9.633 min
Delta R.T.: 0.000 min
Response: 1391710
Conc: 9.52 ug/ml



#9 Phenanthrene (C19.36)

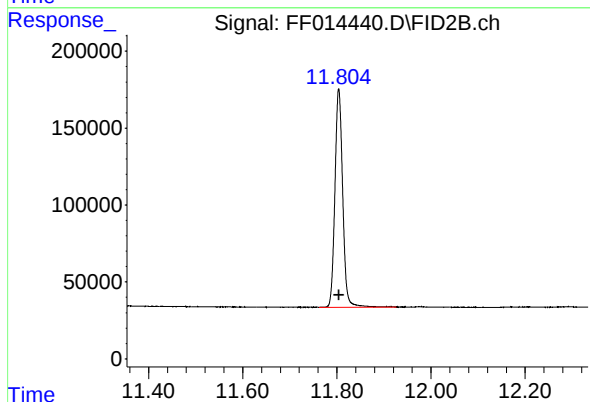
R.T.: 11.035 min
Delta R.T.: 0.000 min
Response: 1394283
Conc: 9.60 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



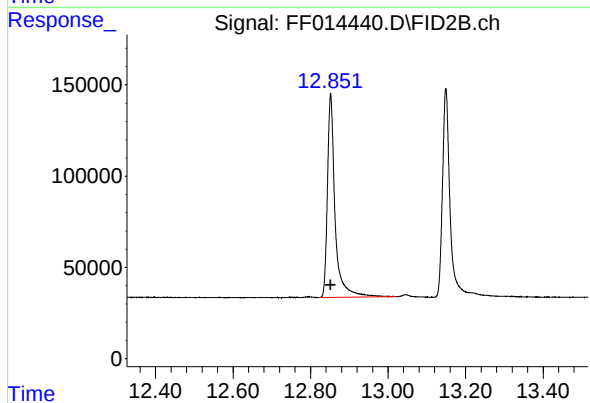
#10 Anthracene (C19.43)

R.T.: 11.111 min
Delta R.T.: 0.000 min
Response: 1540681
Conc: 10.50 ug/ml



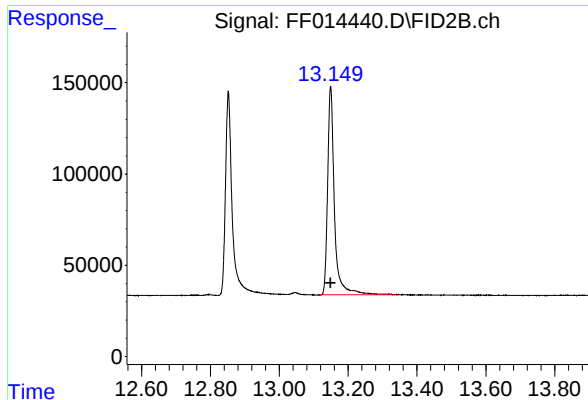
#11 ortho-Terphenyl (SURRE)

R.T.: 11.804 min
Delta R.T.: 0.000 min
Response: 1627263
Conc: 10.33 ug/ml



#12 Fluoranthene (C21.85)

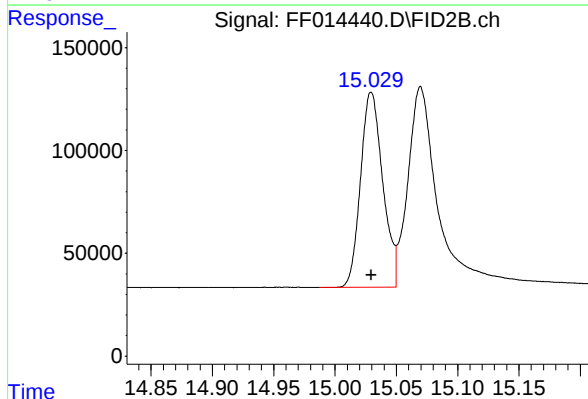
R.T.: 12.852 min
Delta R.T.: 0.000 min
Response: 1531099
Conc: 9.97 ug/ml



#13 Pyrene (C20.8)

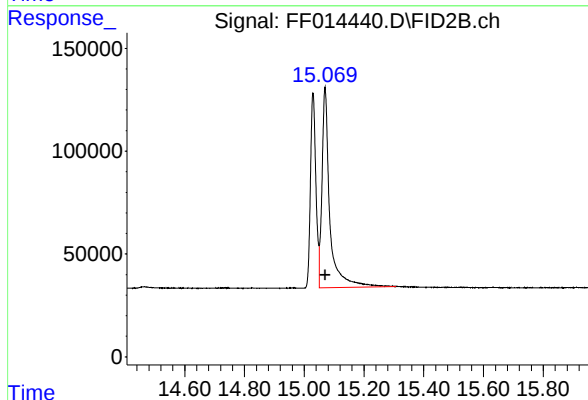
R.T.: 13.149 min
Delta R.T.: 0.000 min
Response: 1573130
Conc: 10.30 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



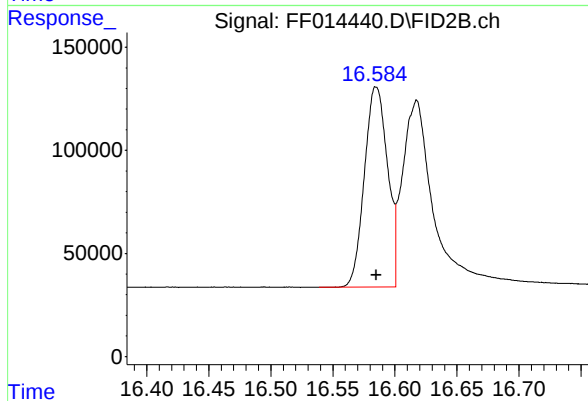
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.030 min
Delta R.T.: 0.000 min
Response: 1193979
Conc: 8.88 ug/ml



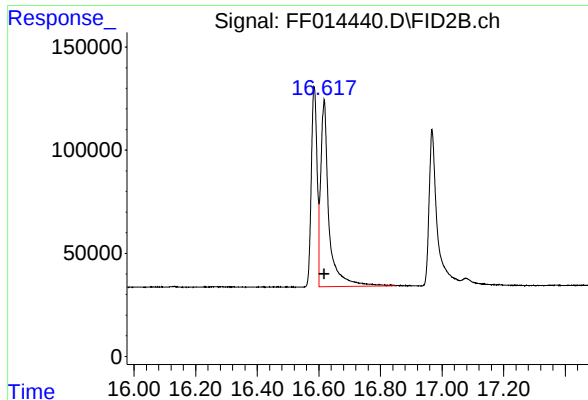
#15 Chrysene (C27.41)

R.T.: 15.070 min
Delta R.T.: 0.000 min
Response: 1787630
Conc: 10.87 ug/ml



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

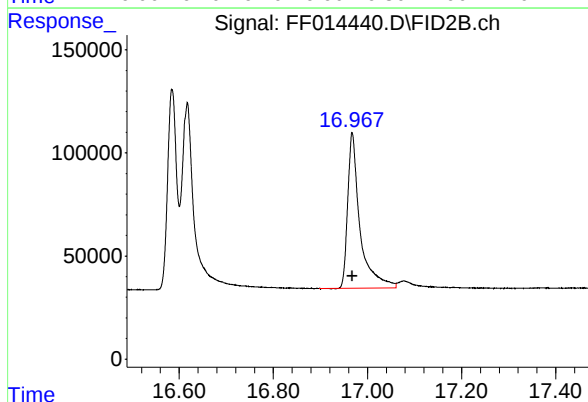
R.T.: 16.585 min
Delta R.T.: 0.000 min
Response: 1262997
Conc: 9.06 ug/ml



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

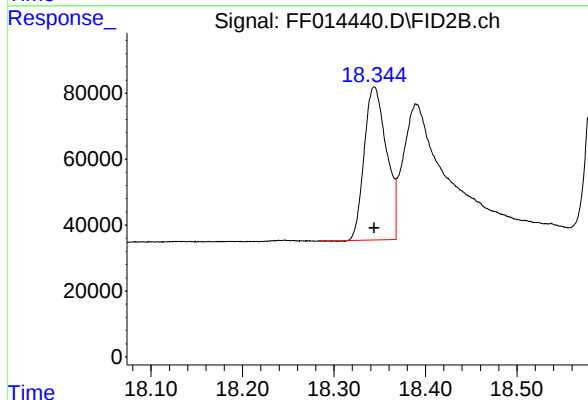
R.T.: 16.617 min
Delta R.T.: 0.000 min
Response: 1686149
Conc: 11.04 ug/ml

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10 PPM AROMATIC HC STD4



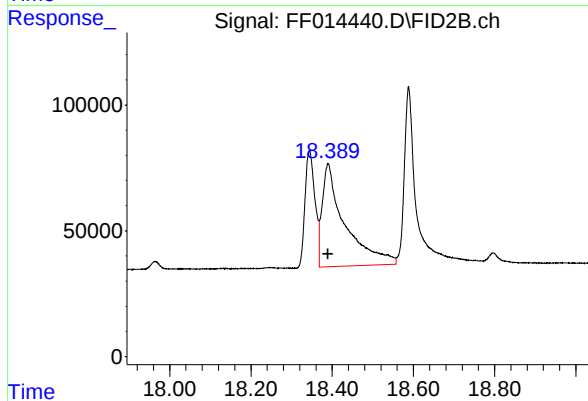
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.968 min
Delta R.T.: 0.000 min
Response: 1365545
Conc: 9.68 ug/ml



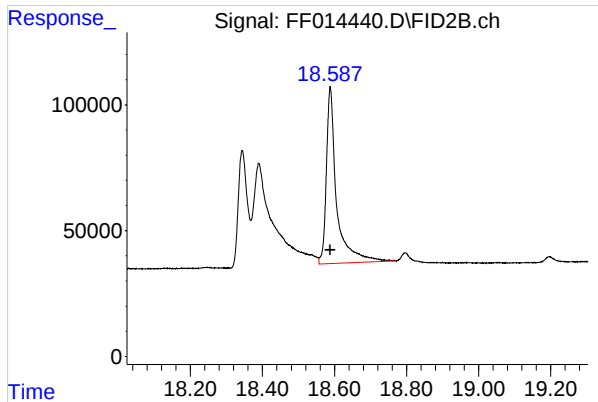
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.344 min
Delta R.T.: 0.000 min
Response: 786894
Conc: 7.66 ug/ml



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

R.T.: 18.390 min
Delta R.T.: 0.000 min
Response: 1585803
Conc: 10.44 ug/ml



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

R.T.: 18.588 min
Delta R.T.: 0.000 min
Response: 1381774
Conc: 10.19 ug/ml

Instrument :
FID_F
ClientSampleId :
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