

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AR\
 Data File : FF015679.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 14:06
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/18/2025
 Supervised By :mohammad ahmed 03/19/2025

Integration File: autoint1.e
 Quant Time: Mar 17 14:22:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 14:21:31 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...	8.007	457477	4.423 ug/ml
Spiked Amount 50.000		Recovery =	8.85%
6) S 2-Fluorobiphenyl (SURR)	8.903	186224	3.113 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.23%
11) S ortho-Terphenyl (SURR)	11.937	659375	5.124 ug/ml
Spiked Amount 50.000		Recovery =	10.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	604276	5.037 ug/ml
2) T Naphthalene (C11.7)	6.283	502323	4.373 ug/ml
3) T 2-Methylnaphthalene (...)	7.381	487878	4.319 ug/ml
5) T Acenaphthylene (C15.06)	8.680	608166	4.872 ug/ml
7) T Acenaphthene (C15.5)	8.975	679058	5.257 ug/ml
8) T Flouorene (C16.55)	9.775	549042	4.596 ug/ml
9) T Phenanthrene (C19.36)	11.188	484235	4.326 ug/ml
10) T Anthracene (C19.43)	11.271	438790	4.092 ug/ml
12) T Fluoranthene (C21.85)	13.012	559892	4.734 ug/ml
13) T Pyrene (C20.8)	13.306	584629	4.883 ug/ml
14) T Benzo[a]anthracene (C...	15.200	299753	3.266 ug/ml
15) T Chrysene (C27.41)	15.237	606608	5.093 ug/ml
16) T benzo[b]fluoranthene ...	16.758	428818	4.195 ug/ml
17) T Bnezo[k]fluoranthene ...	16.789	644968	5.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.150	473283	4.616 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.530	305200	3.711 ug/ml
20) T Dibenz[a,h]anthracene...	18.574	604933	5.141 ug/ml
21) T Benzo[g,h,i]perylene ...	18.772	609369	5.324 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FF015679.D
Signal(s) : FID2B.ch
Acq On : 17 Mar 2025 14:06
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 75 Sample Multiplier: 1

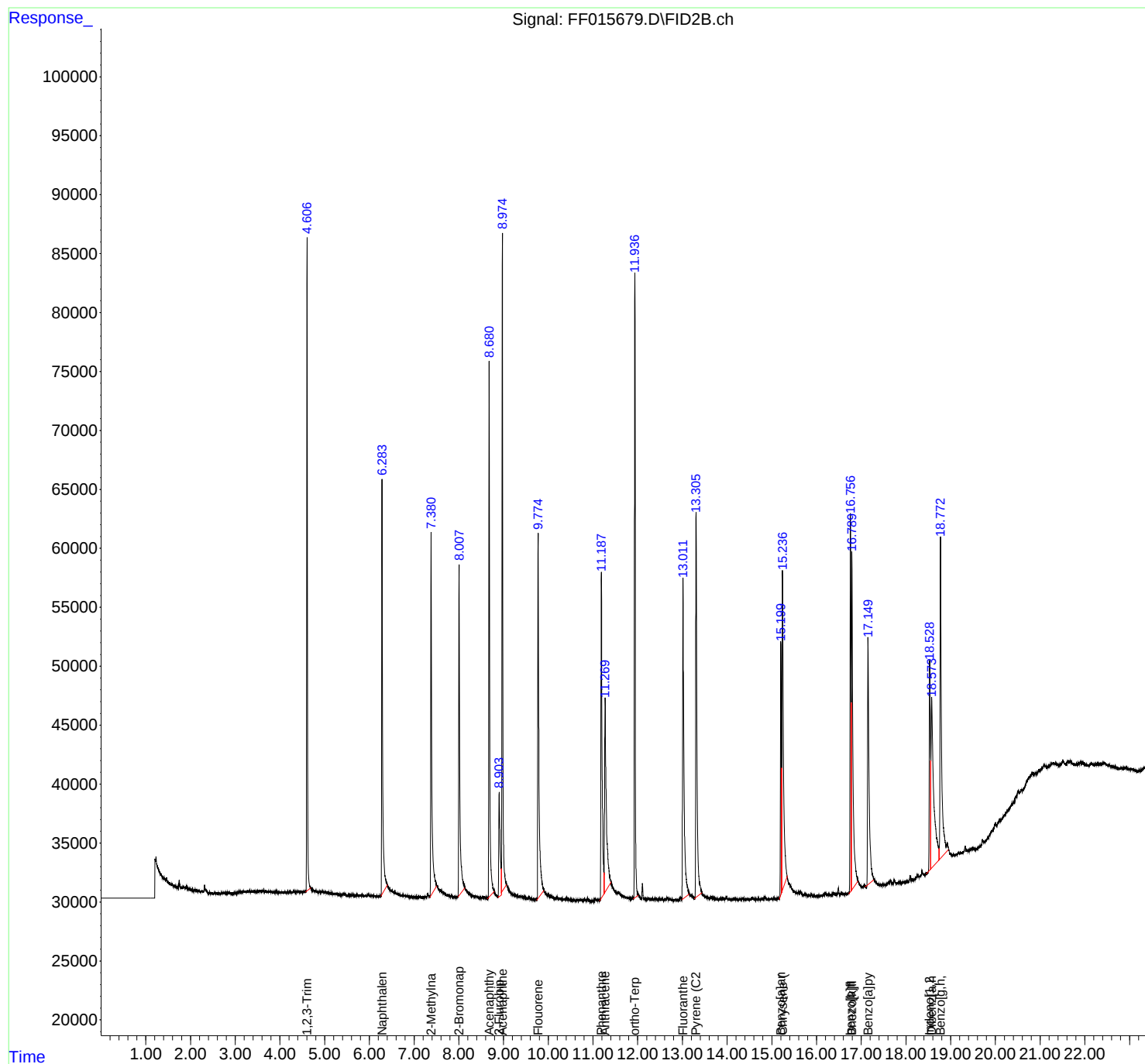
Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

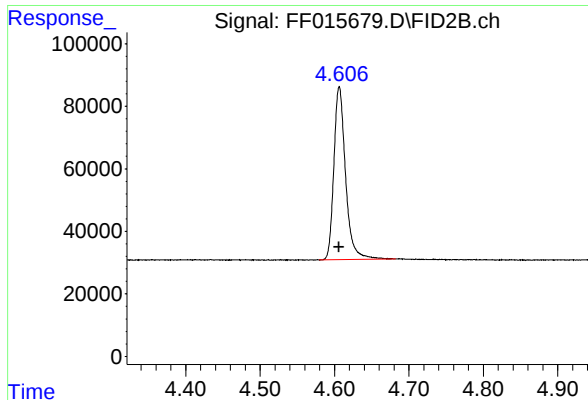
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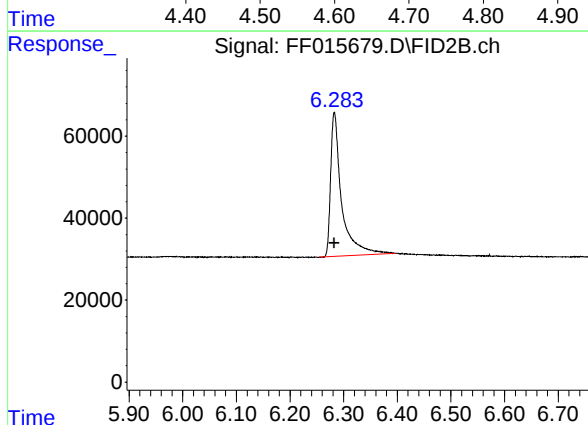
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 604276
Conc: 5.04 ug/ml

Instrument : FID_F
ClientSampleId : 5 PPM AROMATIC HC STD5

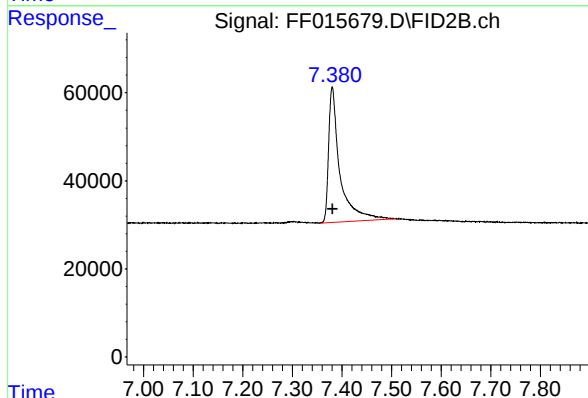
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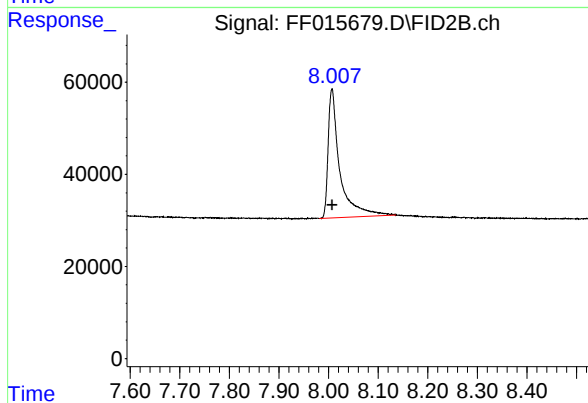
#2 Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 502323
Conc: 4.37 ug/ml



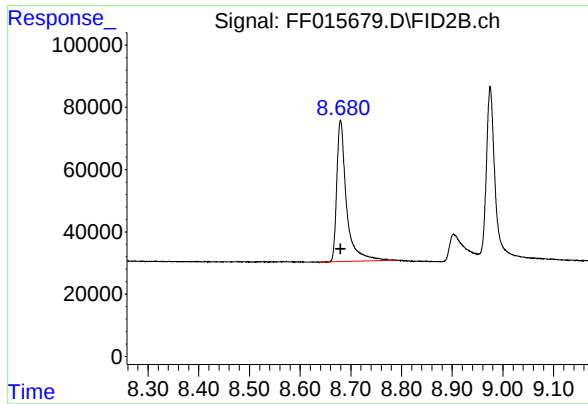
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 487878
Conc: 4.32 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.007 min
Delta R.T.: 0.000 min
Response: 457477
Conc: 4.42 ug/ml



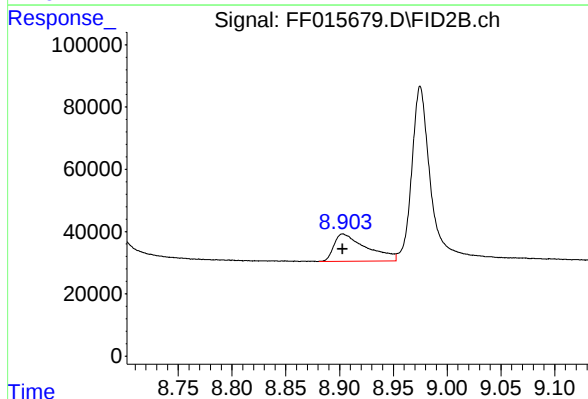
#5 Acenaphthylene (C15.06)

R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 608166
Conc: 4.87 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

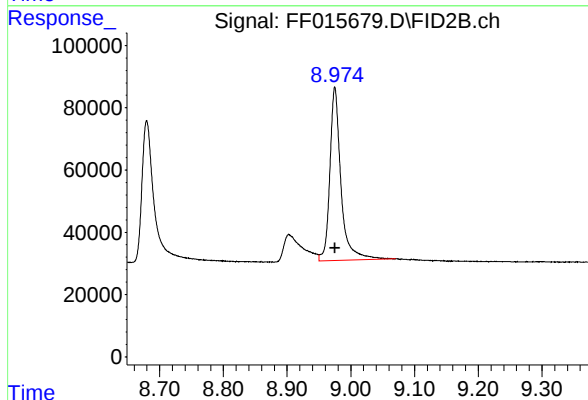
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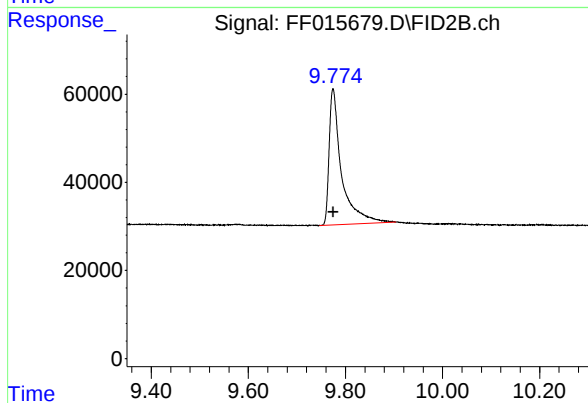
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.903 min
Delta R.T.: 0.000 min
Response: 186224
Conc: 3.11 ug/ml m



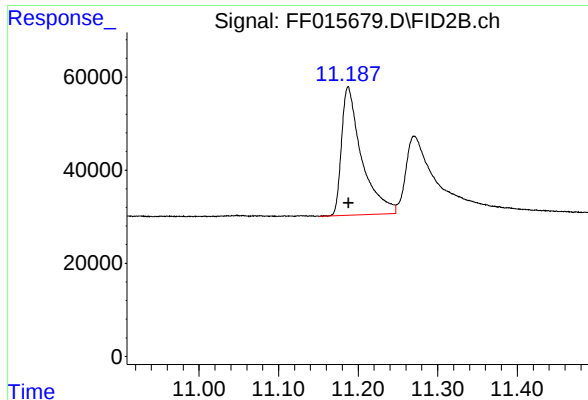
#7 Acenaphthene (C15.5)

R.T.: 8.975 min
Delta R.T.: 0.000 min
Response: 679058
Conc: 5.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.775 min
Delta R.T.: 0.000 min
Response: 549042
Conc: 4.60 ug/ml



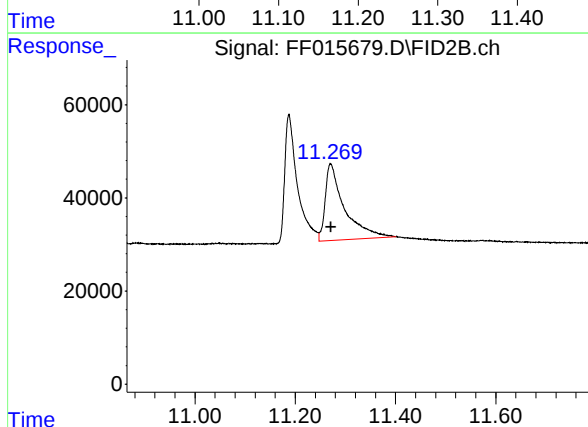
#9 Phenanthrene (C19.36)

R.T.: 11.188 min
Delta R.T.: 0.000 min
Response: 484235
Conc: 4.33 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

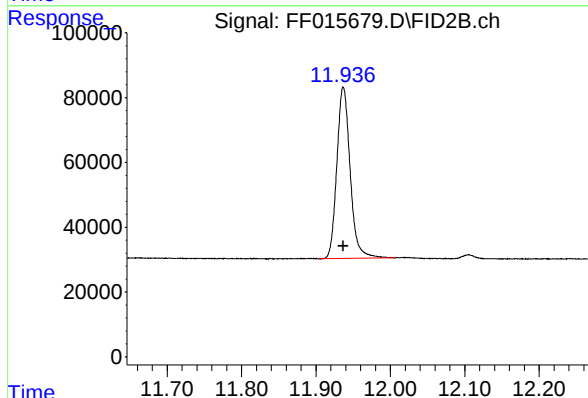
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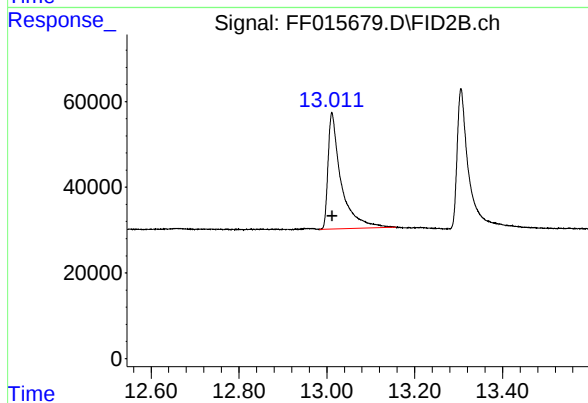
#10 Anthracene (C19.43)

R.T.: 11.271 min
Delta R.T.: 0.000 min
Response: 438790
Conc: 4.09 ug/ml



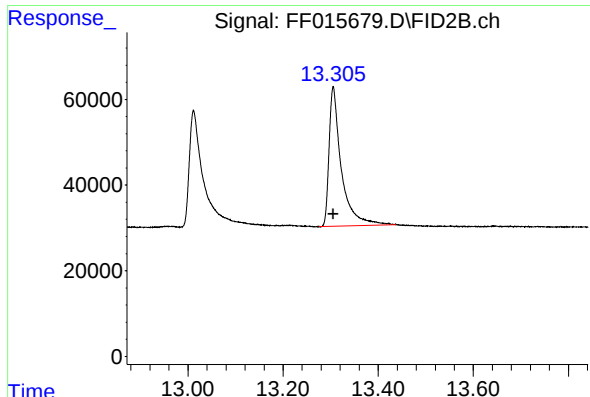
#11 ortho-Terphenyl (SURR)

R.T.: 11.937 min
Delta R.T.: 0.000 min
Response: 659375
Conc: 5.12 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 559892
Conc: 4.73 ug/ml



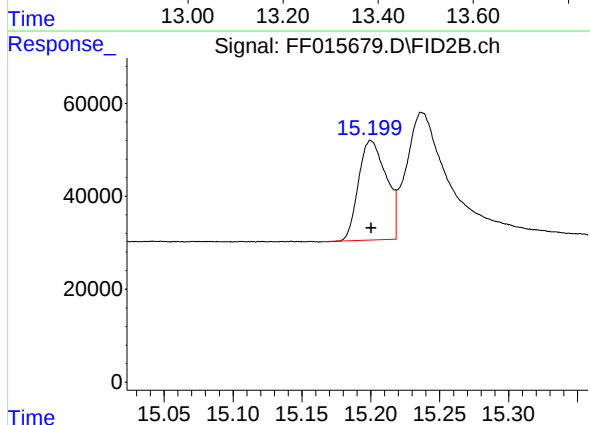
#13 Pyrene (C20.8)

R.T.: 13.306 min
Delta R.T.: 0.000 min
Response: 584629
Conc: 4.88 ug/ml

Instrument : FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

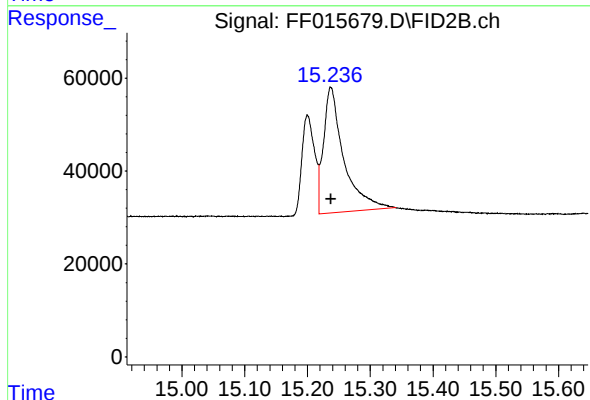
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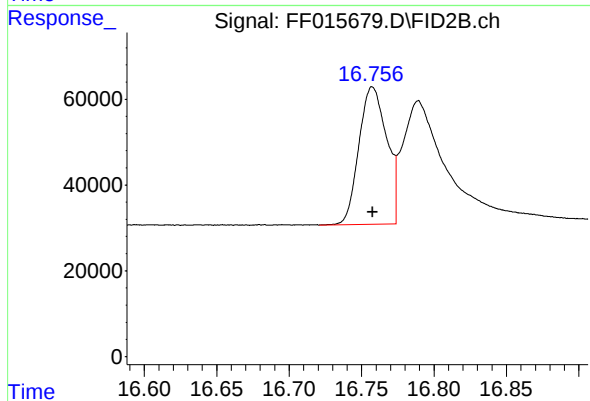
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.200 min
Delta R.T.: 0.000 min
Response: 299753
Conc: 3.27 ug/ml



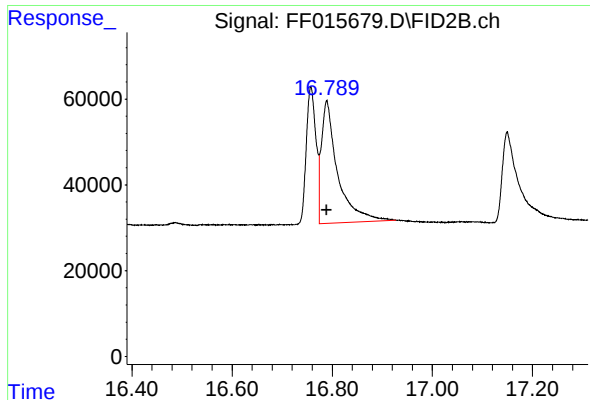
#15 Chrysene (C27.41)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 606608
Conc: 5.09 ug/ml



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

R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 428818
Conc: 4.20 ug/ml



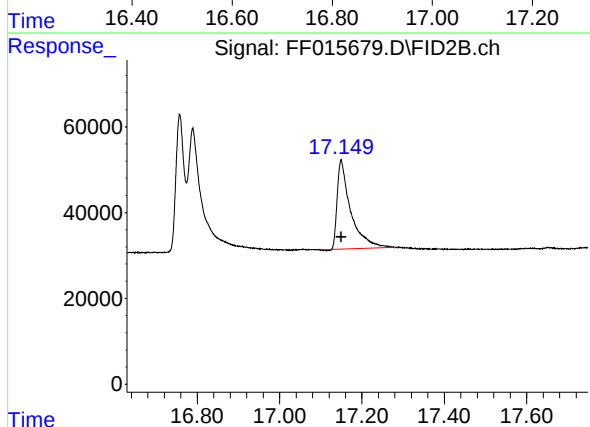
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.789 min
Delta R.T.: 0.000 min
Response: 644968
Conc: 5.39 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

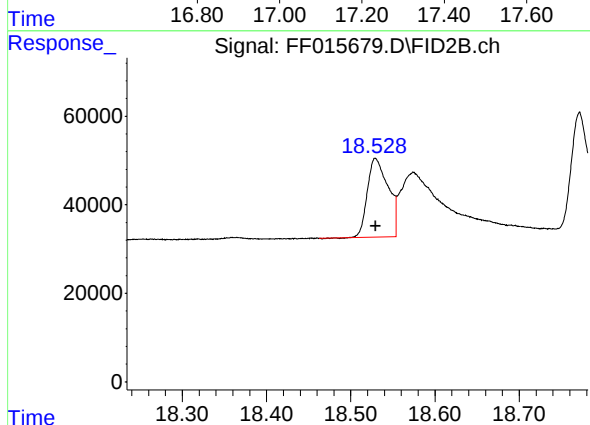
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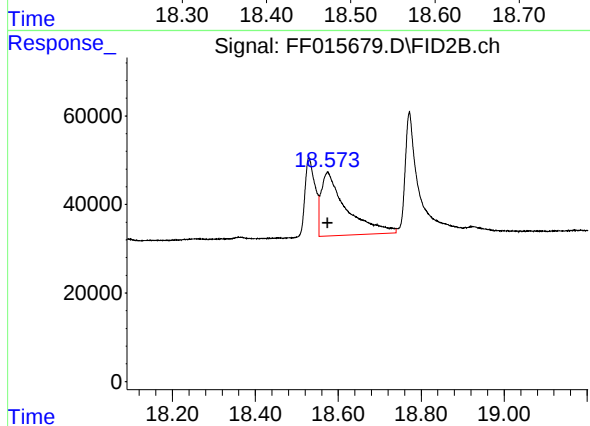
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.150 min
Delta R.T.: 0.000 min
Response: 473283
Conc: 4.62 ug/ml



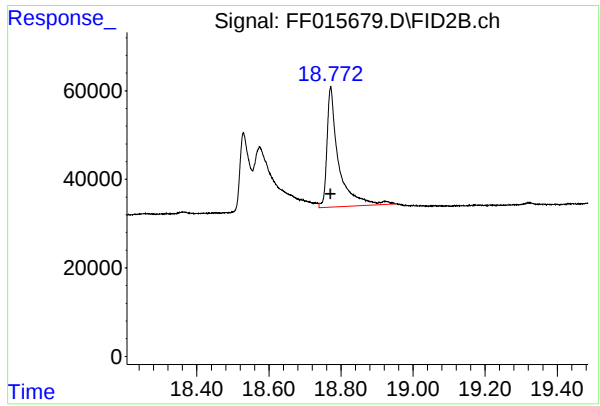
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.530 min
Delta R.T.: 0.000 min
Response: 305200
Conc: 3.71 ug/ml



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

R.T.: 18.574 min
Delta R.T.: 0.000 min
Response: 604933
Conc: 5.14 ug/ml



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

R.T.: 18.772 min
Delta R.T.: 0.000 min
Response: 609369
Conc: 5.32 ug/ml

Instrument :

FID_F

ClientSampleId :

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