

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015478.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2025 01:14
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :Ankita Jodhani 02/06/2025

Integration File: sample.E
 Quant Time: Feb 06 05:05:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:02:08 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...	7.997	613728	5.301 ug/ml
Spiked Amount 50.000		Recovery =	10.60%
6) S 2-Fluorobiphenyl (SURR)	8.875	374014	5.042 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.08%
11) S ortho-Terphenyl (SURR)	11.932	707703	5.572 ug/ml
Spiked Amount 50.000		Recovery =	11.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	742453	5.537 ug/ml
2) T Naphthalene (C11.7)	6.277	718999	5.371 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	692891	5.377 ug/ml
5) T Acenaphthylene (C15.06)	8.671	709723	5.412 ug/ml
7) T Acenaphthene (C15.5)	8.969	730856	5.655 ug/ml
8) T Fluorene (C16.55)	9.760	673789	5.361 ug/ml
9) T Phenanthrene (C19.36)	11.167	619613	5.249 ug/ml
10) T Anthracene (C19.43)	11.244	628678	5.397 ug/ml
12) T Fluoranthene (C21.85)	12.989	640439	5.434 ug/ml
13) T Pyrene (C20.8)	13.287	650441	5.502 ug/ml
14) T Benzo[a]anthracene (C...	15.171	543820	5.080 ug/mlm
15) T Chrysene (C27.41)	15.212	654073	5.656 ug/ml
16) T benzo[b]fluoranthene ...	16.730	591146	5.234 ug/ml
17) T Bnezo[k]fluoranthene ...	16.760	672811	5.790 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.114	582993	5.330 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	533593	4.990 ug/mlm
20) T Dibenz[a,h]anthracene...	18.527	677070	5.536 ug/ml
21) T Benzo[g,h,i]perylene ...	18.739	684919	5.492 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FF015478.D
Signal(s) : FID2B.ch
Acq On : 06 Feb 2025 01:14
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

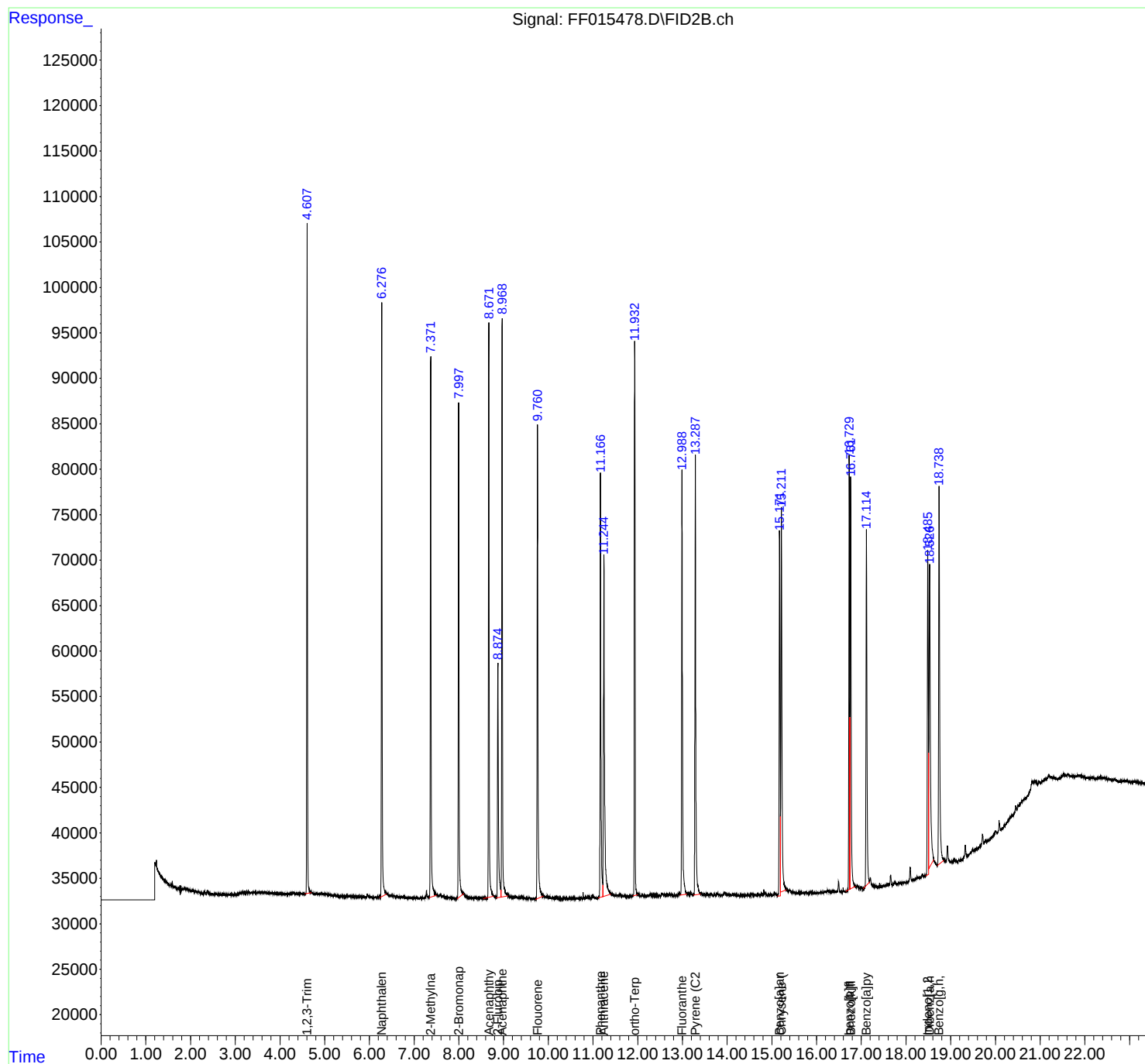
Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

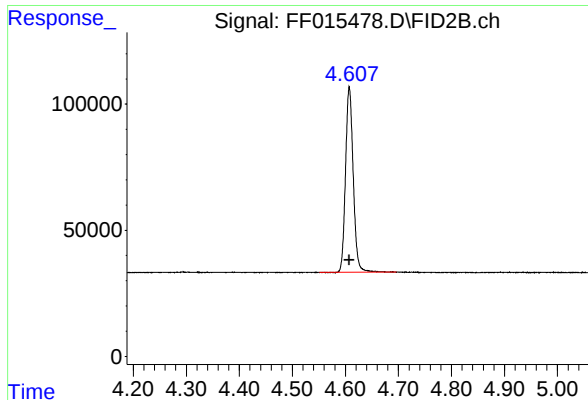
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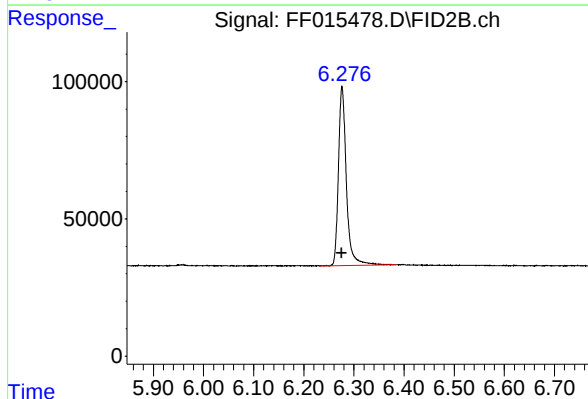
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 742453
Conc: 5.54 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

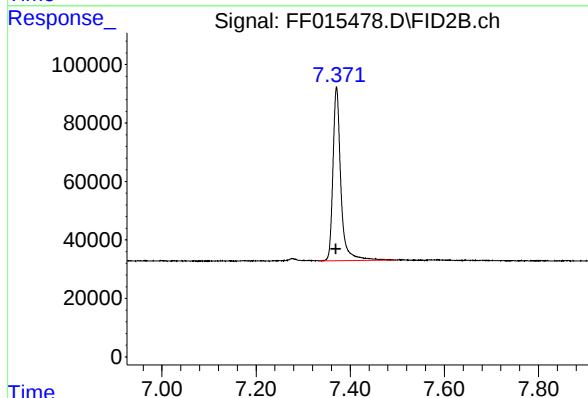
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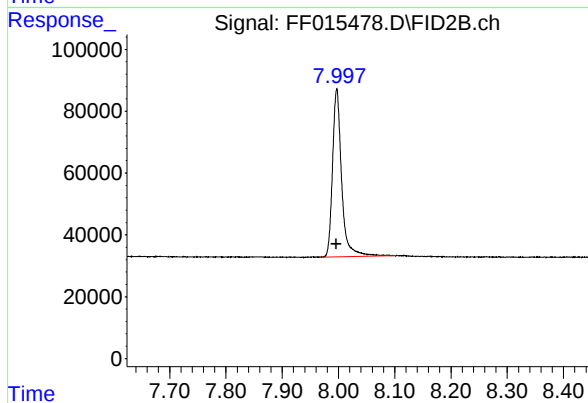
#2 Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 718999
Conc: 5.37 ug/ml



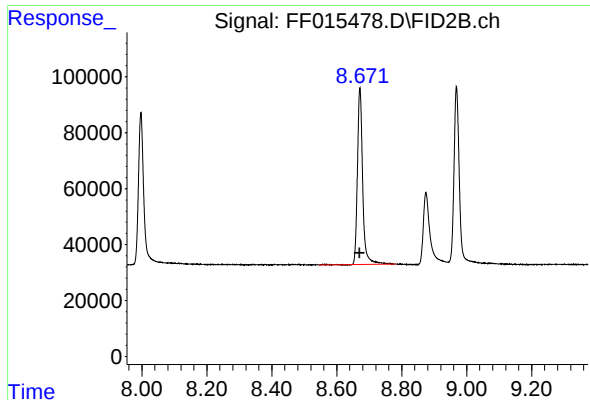
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 692891
Conc: 5.38 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 613728
Conc: 5.30 ug/ml



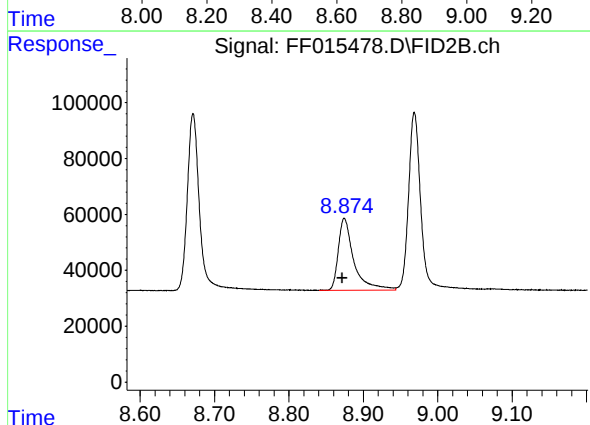
#5 Acenaphthylene (C15.06)

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 709723
Conc: 5.41 ug/ml

Instrument :
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ClientSampleId :
5 PPM AROMATIC HC STD5

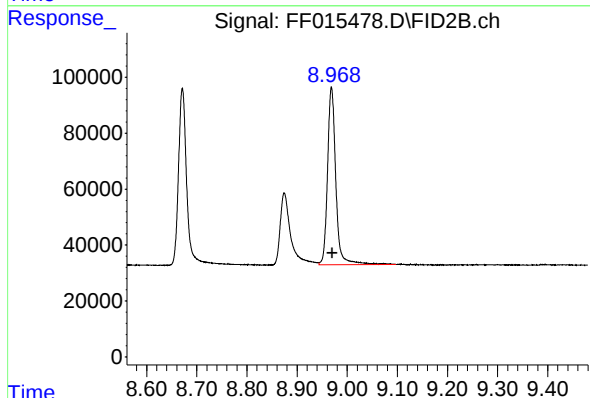
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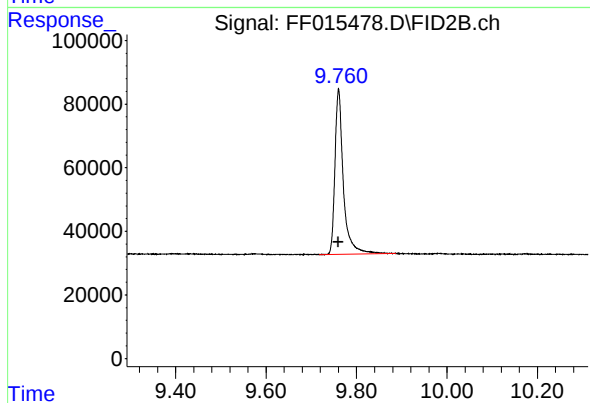
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.875 min
Delta R.T.: 0.003 min
Response: 374014
Conc: 5.04 ug/ml



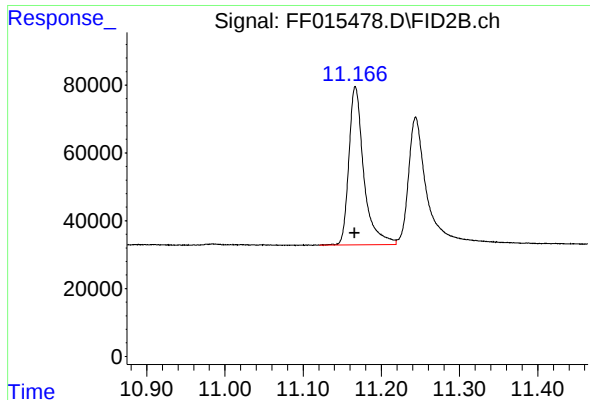
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: -0.001 min
Response: 730856
Conc: 5.65 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 673789
Conc: 5.36 ug/ml



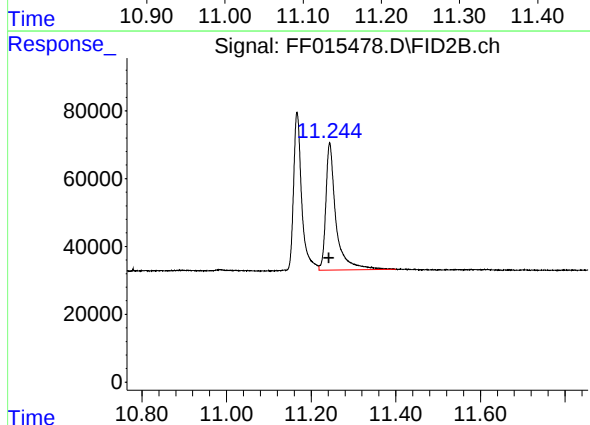
#9 Phenanthrene (C19.36)

R.T.: 11.167 min
Delta R.T.: 0.001 min
Response: 619613
Conc: 5.25 ug/ml

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5 PPM AROMATIC HC STD5

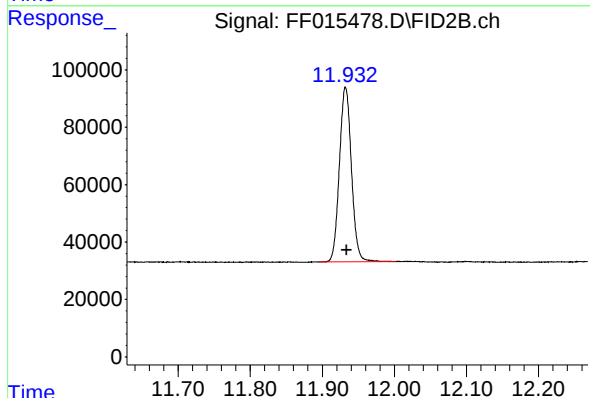
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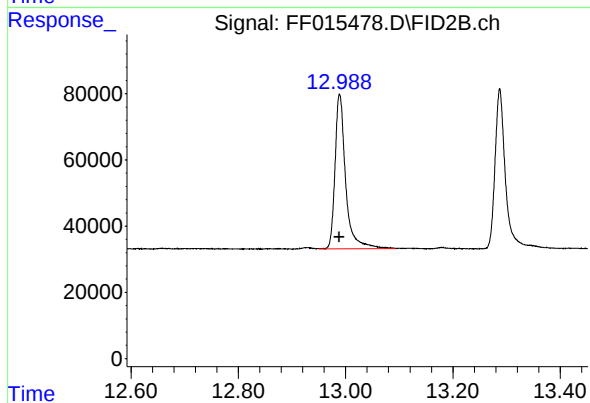
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: 0.002 min
Response: 628678
Conc: 5.40 ug/ml



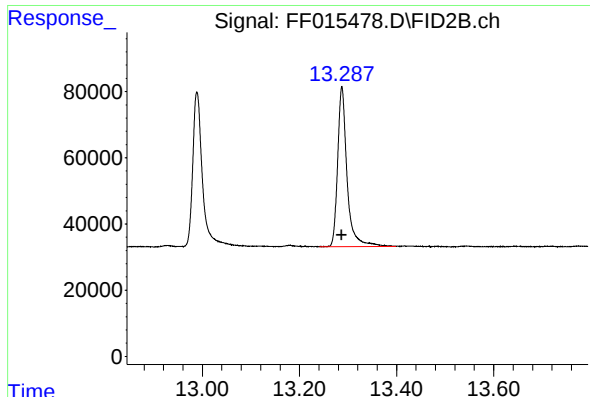
#11 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.002 min
Response: 707703
Conc: 5.57 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 640439
Conc: 5.43 ug/ml



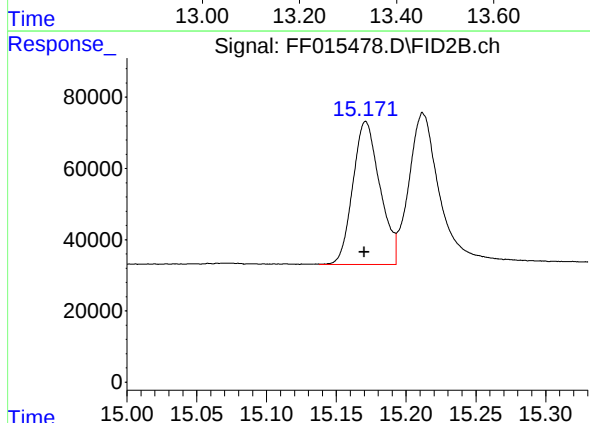
#13 Pyrene (C20.8)

R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 650441
Conc: 5.50 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

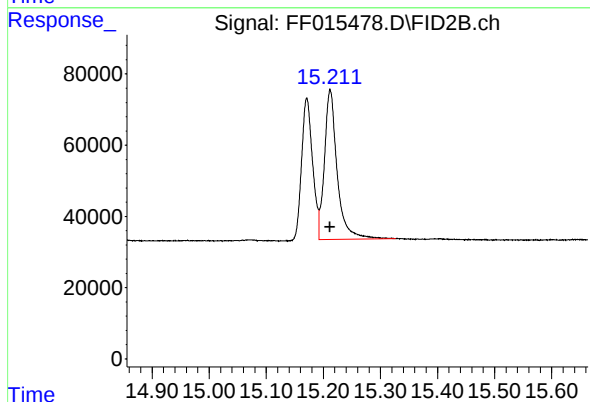
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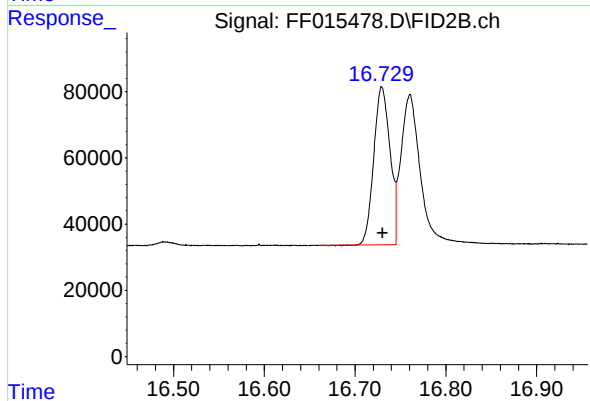
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.171 min
Delta R.T.: 0.001 min
Response: 543820
Conc: 5.08 ug/ml m



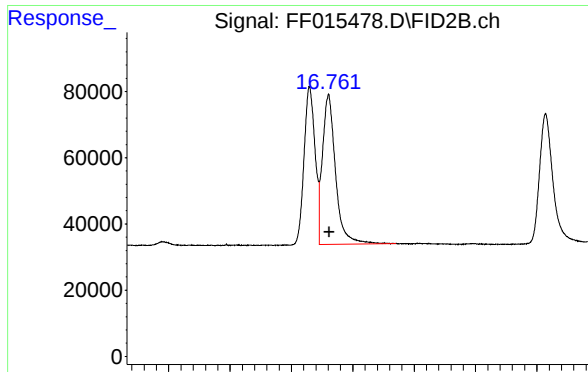
#15 Chrysene (C27.41)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 654073
Conc: 5.66 ug/ml



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

R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 591146
Conc: 5.23 ug/ml



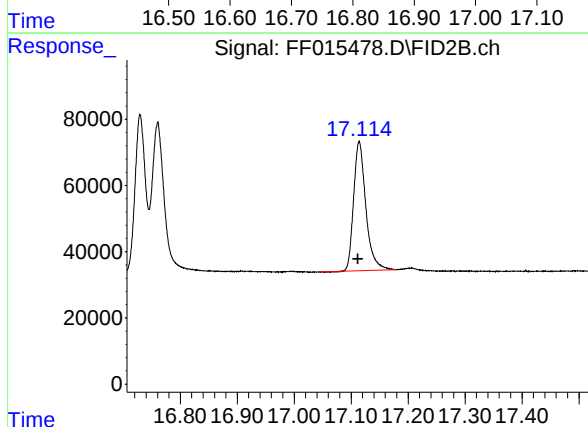
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.760 min
Delta R.T.: -0.001 min
Response: 672811
Conc: 5.79 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

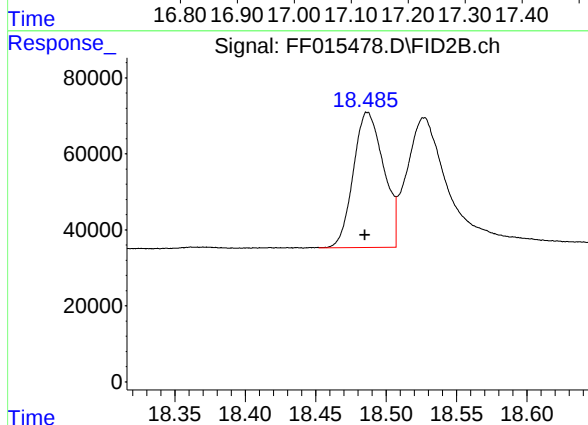
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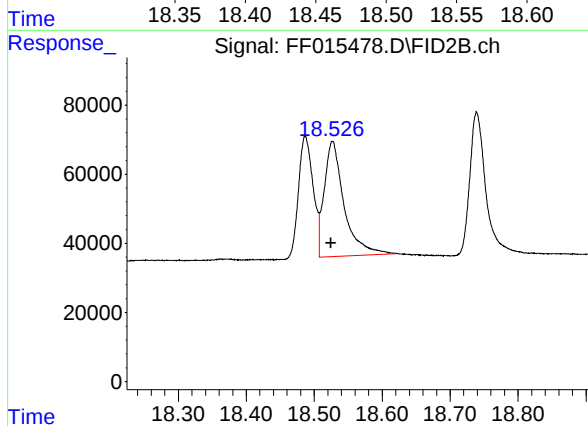
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.114 min
Delta R.T.: 0.002 min
Response: 582993
Conc: 5.33 ug/ml



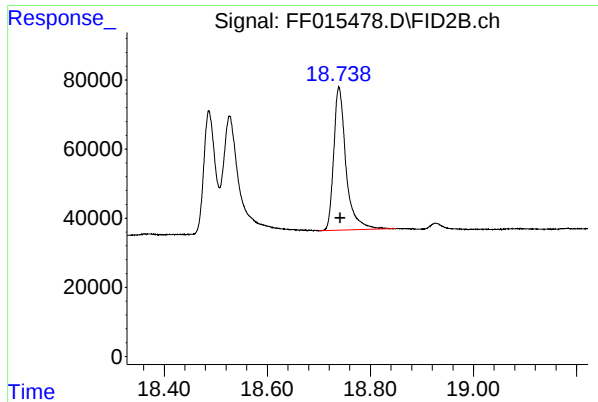
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.485 min
Delta R.T.: 0.000 min
Response: 533593
Conc: 4.99 ug/ml m



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

R.T.: 18.527 min
Delta R.T.: 0.002 min
Response: 677070
Conc: 5.54 ug/ml



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

R.T.: 18.739 min
Delta R.T.: -0.002 min
Response: 684919
Conc: 5.49 ug/ml

Instrument :

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