

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AR\
 Data File : FF015356.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 11:13
 Operator : YP\AJ
 Sample : Q1168-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 02:45:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 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...	7.992	6933429	52.526 ug/ml
Spiked Amount 50.000		Recovery =	105.05%
6) S 2-Fluorobiphenyl (SURR)	8.865	4573620	54.185 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.37%
11) S ortho-Terphenyl (SURR)	11.930	6844656	39.761 ug/ml
Spiked Amount 50.000		Recovery =	79.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	484791	3.022 ug/ml
2) T Naphthalene (C11.7)	6.269	535694	3.341 ug/mlm
3) T 2-Methylnaphthalene (...)	7.363	534784	3.363 ug/mlm
5) T Acenaphthylene (C15.06)	8.663	536594	3.377 ug/mlm
7) T Acenaphthene (C15.5)	8.962	565340	3.467 ug/ml
8) T Flouorene (C16.55)	9.750	506073	3.214 ug/mlm
9) T Phenanthrene (C19.36)	11.156	483157	3.026 ug/ml
10) T Anthracene (C19.43)	11.231	466657	3.161 ug/ml
12) T Fluoranthene (C21.85)	12.976	515231	3.114 ug/ml
13) T Pyrene (C20.8)	13.274	515372	3.182 ug/ml
14) T Benzo[a]anthracene (C...	15.155	408351	2.737 ug/mlm
15) T Chrysene (C27.41)	15.195	538815	3.469 ug/mlm
16) T benzo[b]fluoranthene ...	16.711	433284	2.928 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.744	452667	3.202 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.094	422212	2.972 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.466	383475	3.043 ug/ml
20) T Dibenz[a,h]anthracene...	18.510	489960	3.312 ug/ml
21) T Benzo[g,h,i]perylene ...	18.717	432434	3.203 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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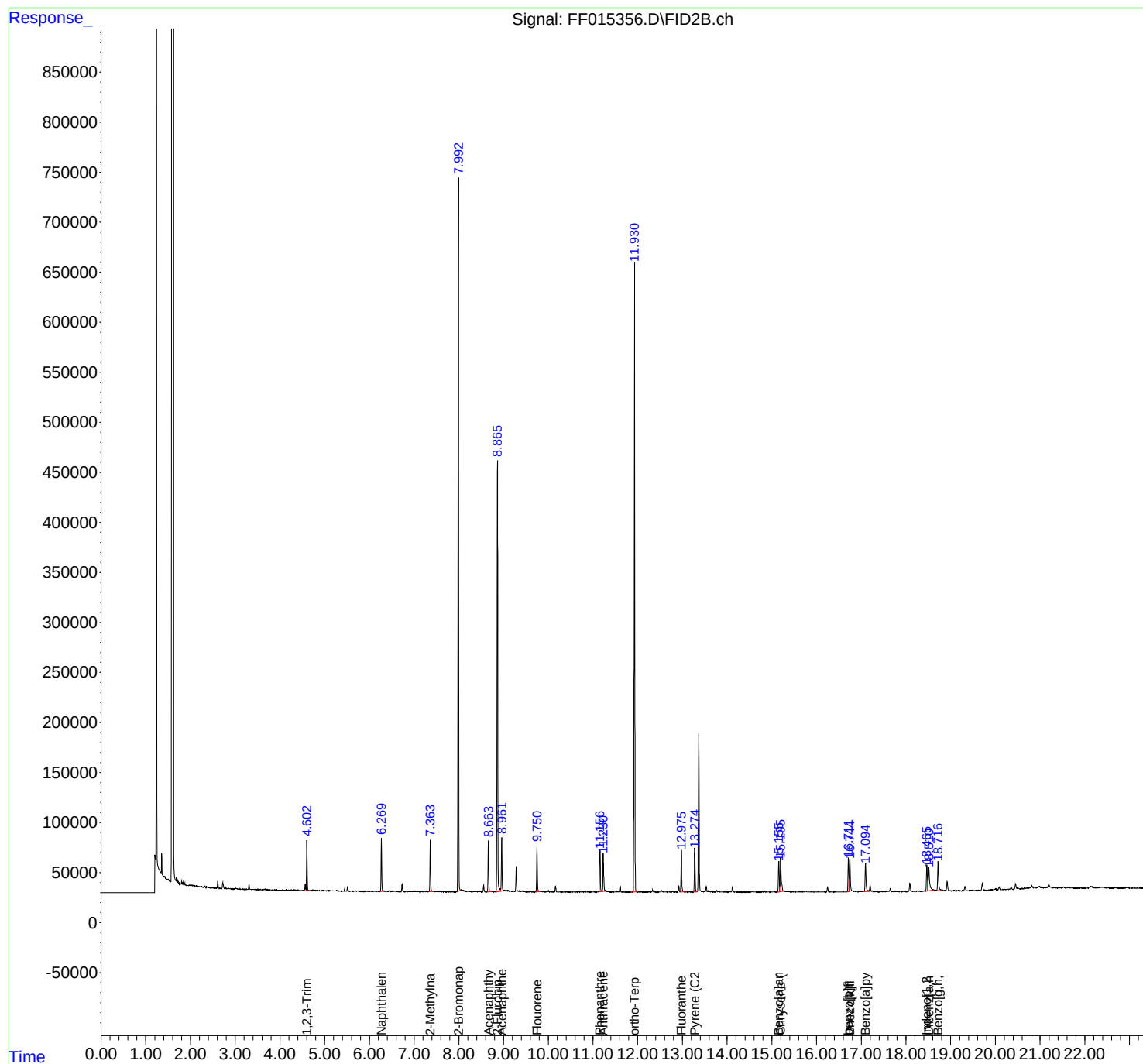
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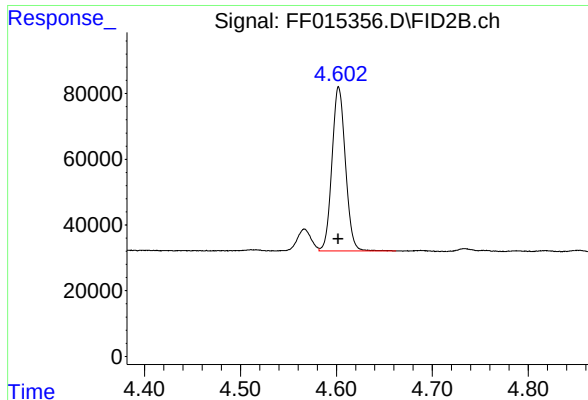
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 484791
Conc: 3.02 ug/ml

Instrument :

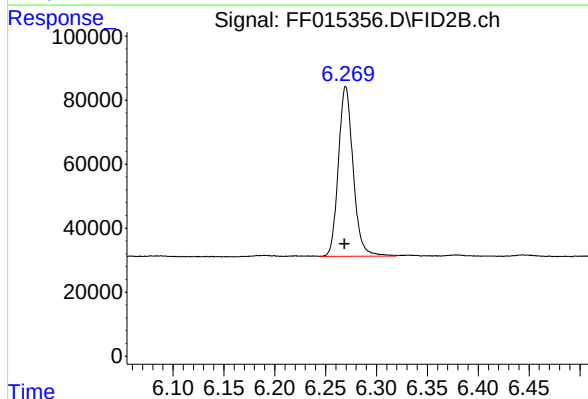
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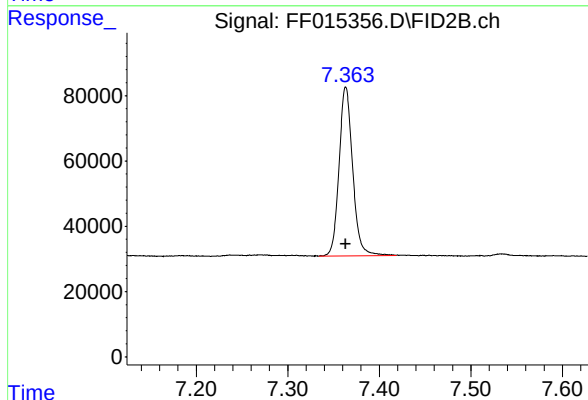
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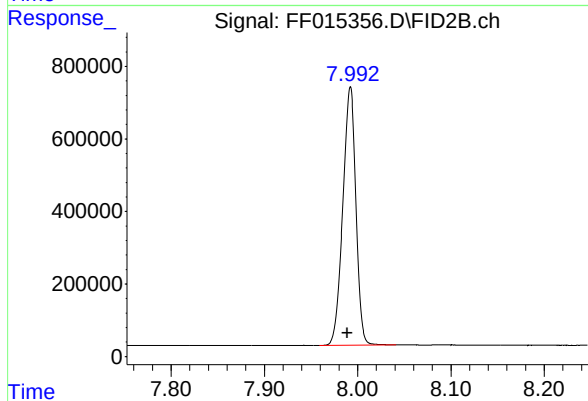
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 535694
Conc: 3.34 ug/ml m



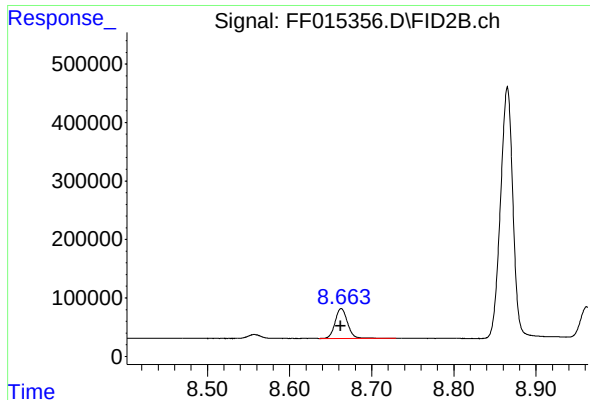
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 534784
Conc: 3.36 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.992 min
Delta R.T.: 0.003 min
Response: 6933429
Conc: 52.53 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 536594
Conc: 3.38 ug/ml

Instrument :

FID_F

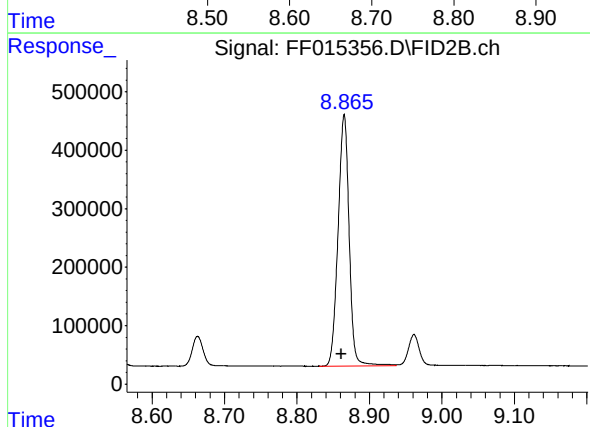
ClientSampleId :

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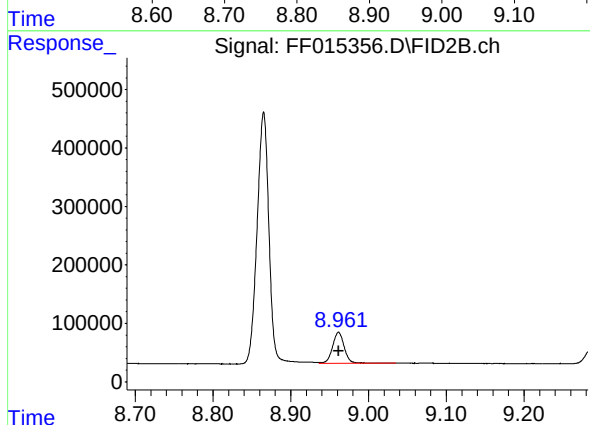
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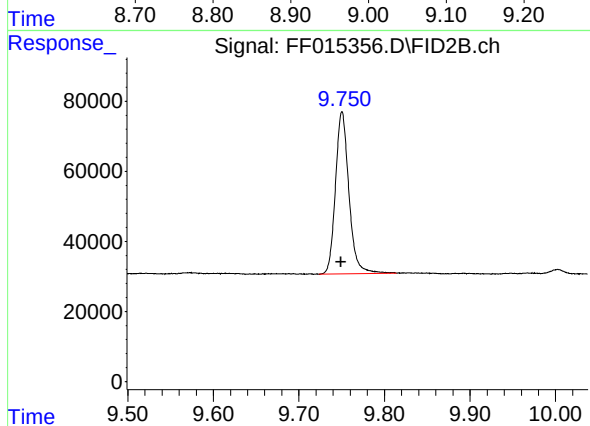
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.865 min
Delta R.T.: 0.003 min
Response: 4573620
Conc: 54.18 ug/ml



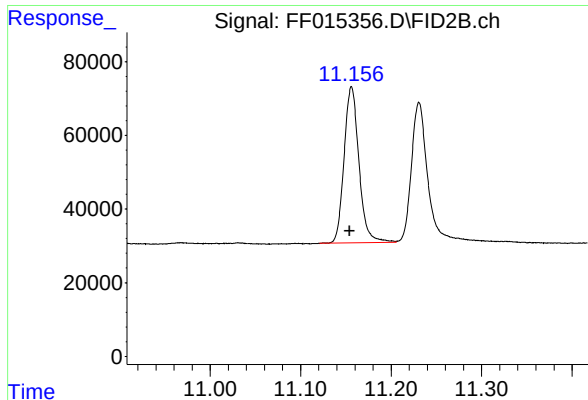
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 565340
Conc: 3.47 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.750 min
Delta R.T.: 0.000 min
Response: 506073
Conc: 3.21 ug/ml m



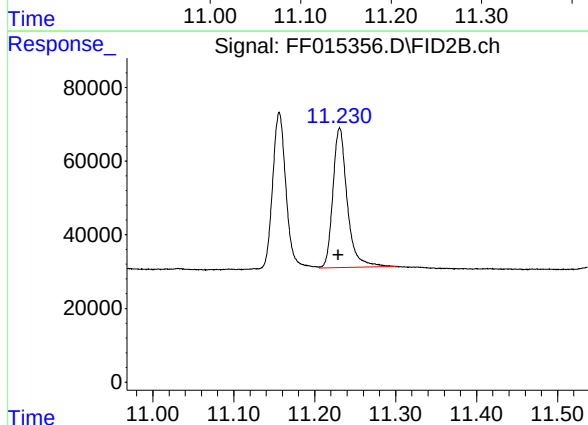
#9 Phenanthrene (C19.36)

R.T.: 11.156 min
Delta R.T.: 0.002 min
Response: 483157
Conc: 3.03 ug/ml

Instrument :
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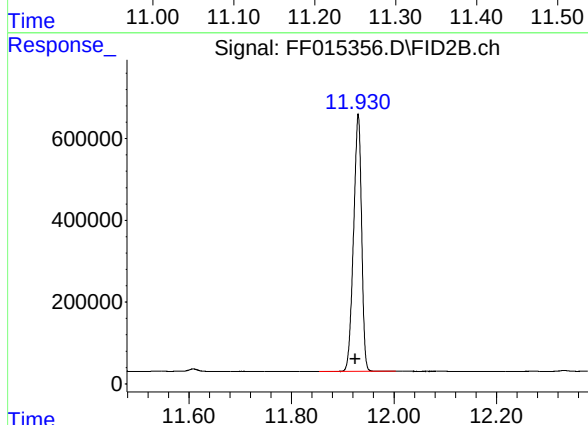
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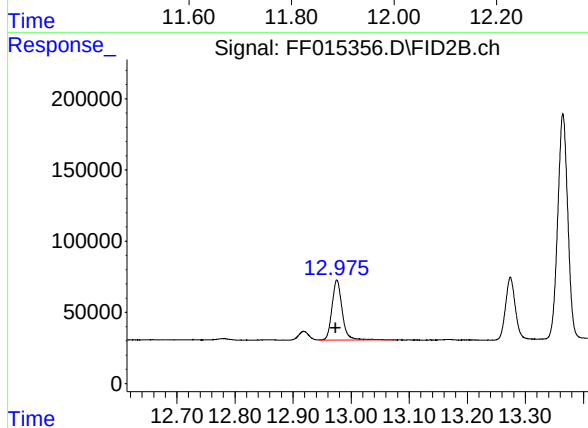
#10 Anthracene (C19.43)

R.T.: 11.231 min
Delta R.T.: 0.002 min
Response: 466657
Conc: 3.16 ug/ml



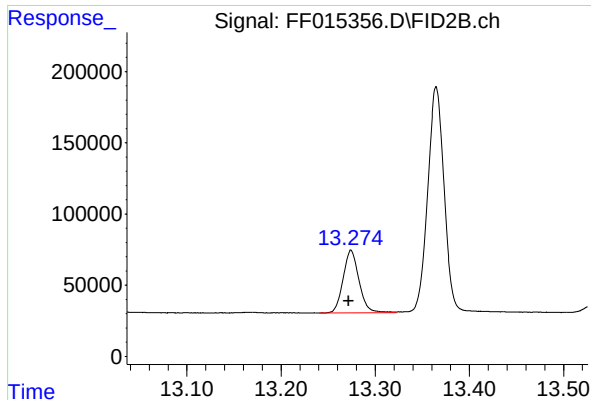
#11 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: 0.006 min
Response: 6844656
Conc: 39.76 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.976 min
Delta R.T.: 0.002 min
Response: 515231
Conc: 3.11 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.274 min
Delta R.T.: 0.003 min
Response: 515372
Conc: 3.18 ug/ml

Instrument :

FID_F

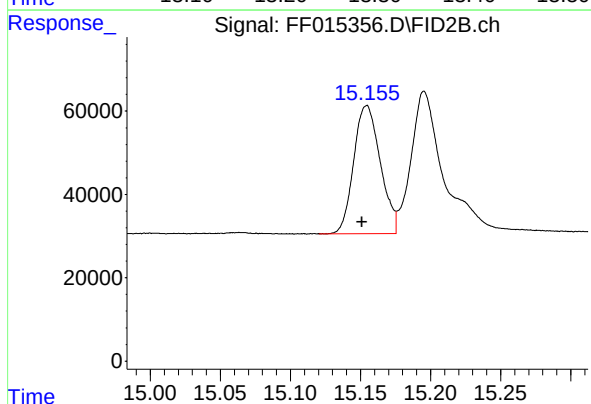
ClientSampleId :

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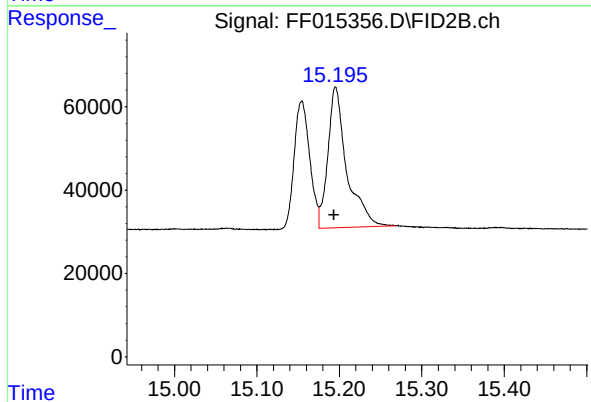
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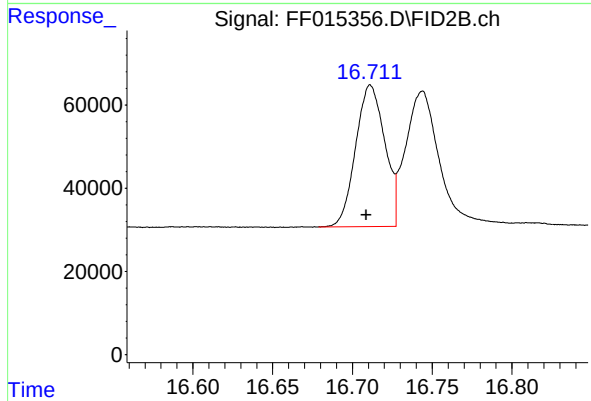
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.155 min
Delta R.T.: 0.004 min
Response: 408351
Conc: 2.74 ug/ml m



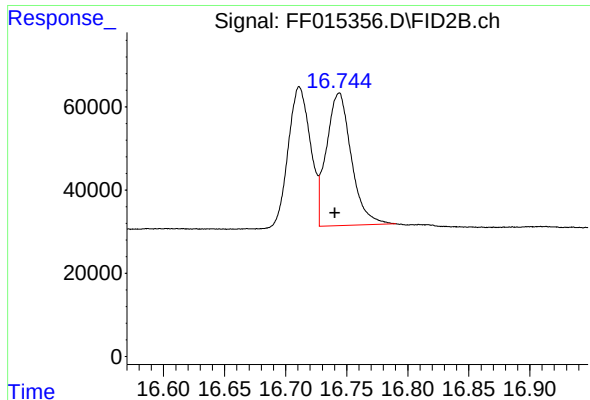
#15 Chrysene (C27.41)

R.T.: 15.195 min
Delta R.T.: 0.001 min
Response: 538815
Conc: 3.47 ug/ml m



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

R.T.: 16.711 min
Delta R.T.: 0.002 min
Response: 433284
Conc: 2.93 ug/ml m



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

R.T.: 16.744 min
Delta R.T.: 0.003 min
Response: 452667
Conc: 3.20 ug/ml

Instrument :

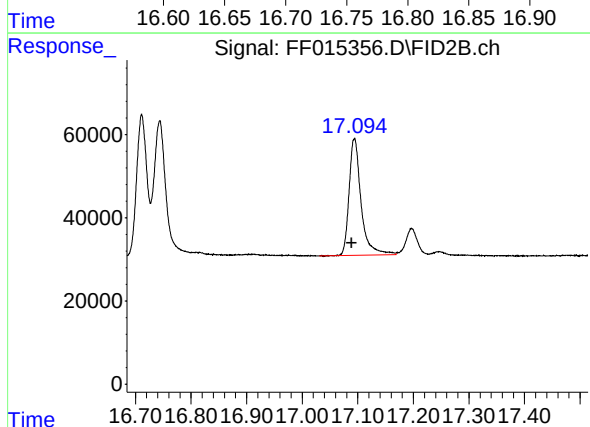
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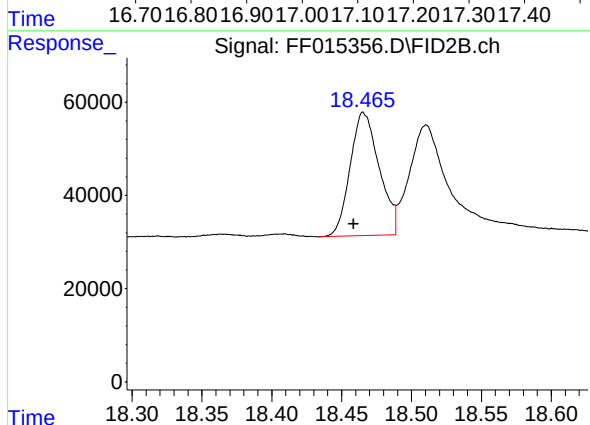
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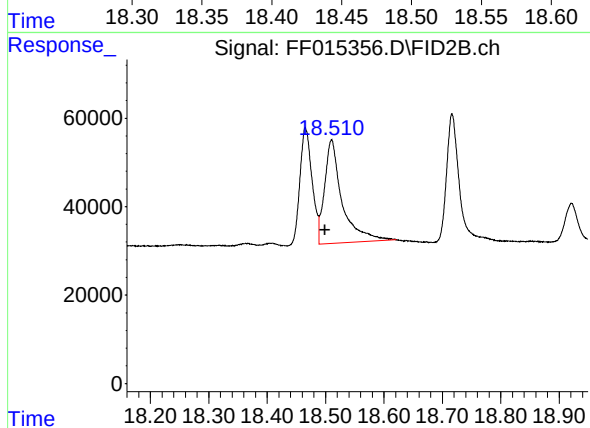
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.094 min
Delta R.T.: 0.005 min
Response: 422212
Conc: 2.97 ug/ml



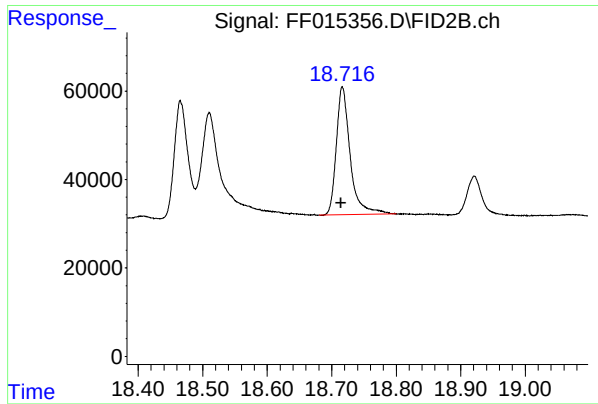
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.466 min
Delta R.T.: 0.007 min
Response: 383475
Conc: 3.04 ug/ml



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

R.T.: 18.510 min
Delta R.T.: 0.011 min
Response: 489960
Conc: 3.31 ug/ml



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

R.T.: 18.717 min
Delta R.T.: 0.002 min
Response: 432434
Conc: 3.20 ug/ml

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