

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AR\
 Data File : FF015357.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 11:42
 Operator : YP\AJ
 Sample : Q1168-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-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 02:45:40 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	7274665	55.111 ug/ml
Spiked Amount 50.000		Recovery =	110.22%
6) S 2-Fluorobiphenyl (SURR)	8.865	4547670	53.877 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.75%
11) S ortho-Terphenyl (SURR)	11.930	6950226	40.375 ug/ml
Spiked Amount 50.000		Recovery =	80.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	583426	3.637 ug/ml
2) T Naphthalene (C11.7)	6.268	651306	4.062 ug/mlm
3) T 2-Methylnaphthalene (...)	7.363	660689	4.155 ug/ml
5) T Acenaphthylene (C15.06)	8.663	669280	4.212 ug/ml
7) T Acenaphthene (C15.5)	8.961	687805	4.218 ug/ml
8) T Flouorene (C16.55)	9.750	634222	4.028 ug/mlm
9) T Phenanthrene (C19.36)	11.155	611288	3.829 ug/ml
10) T Anthracene (C19.43)	11.230	598059	4.051 ug/ml
12) T Fluoranthene (C21.85)	12.976	650396	3.931 ug/ml
13) T Pyrene (C20.8)	13.274	652952	4.031 ug/ml
14) T Benzo[a]anthracene (C...	15.153	533805	3.578 ug/mlm
15) T Chrysene (C27.41)	15.196	672515	4.330 ug/ml
16) T benzo[b]fluoranthene ...	16.712	552122	3.731 ug/ml
17) T Bnezo[k]fluoranthene ...	16.743	584285	4.132 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.093	549755	3.869 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.464	517725	4.109 ug/mlm
20) T Dibenz[a,h]anthracene...	18.509	594702	4.020 ug/ml
21) T Benzo[g,h,i]perylene ...	18.716	561440	4.159 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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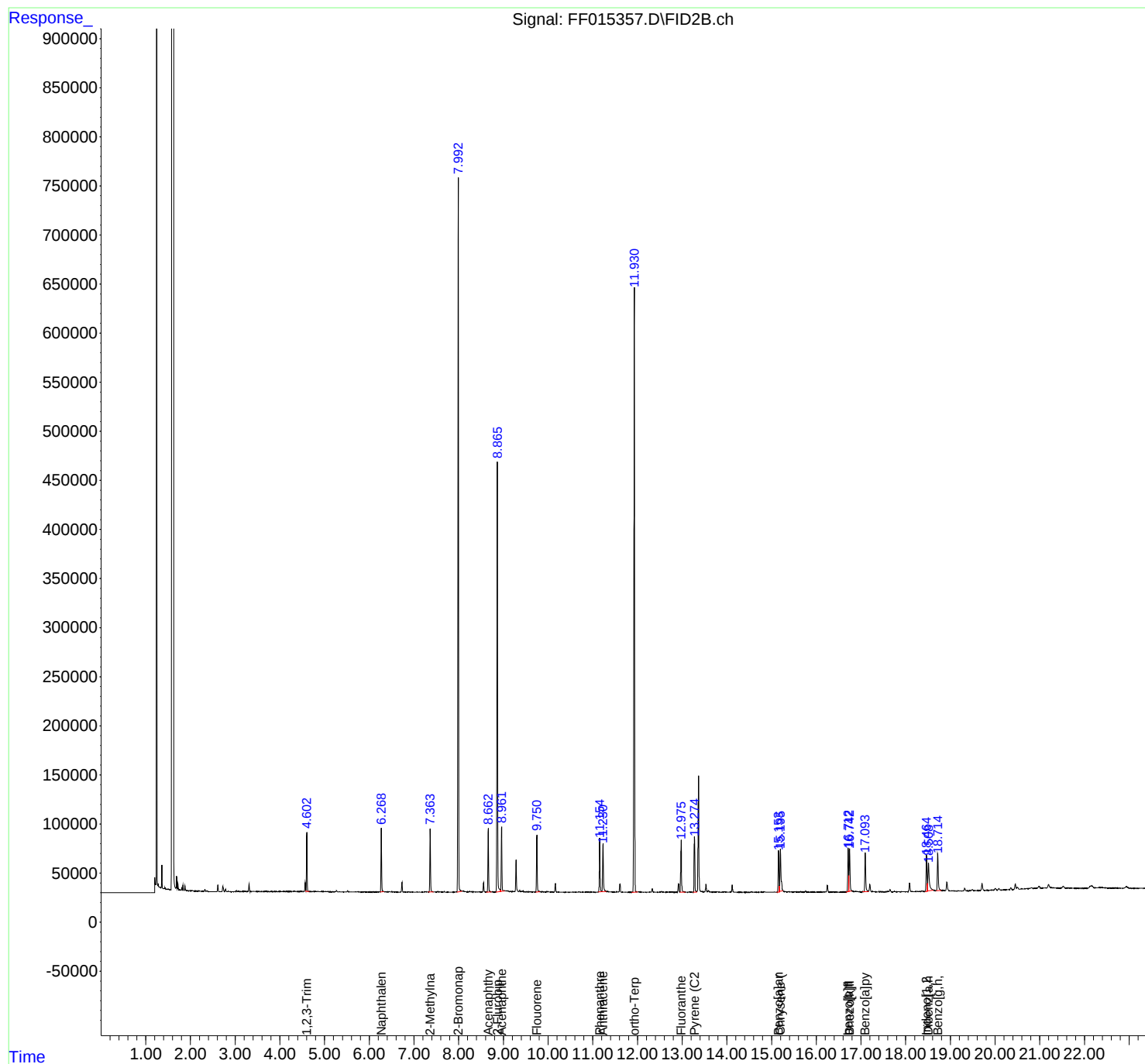
Instrument :
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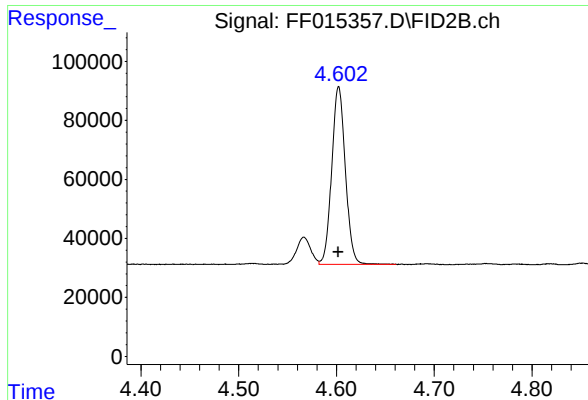
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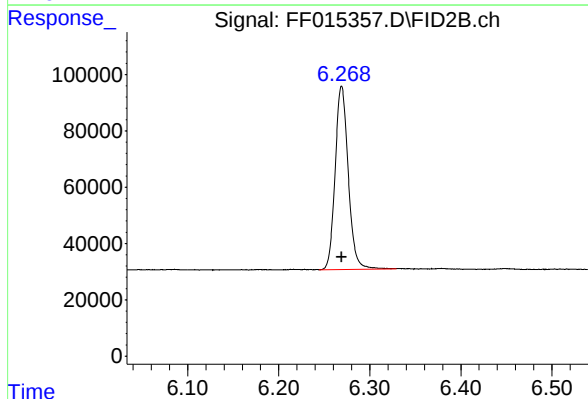
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 583426
Conc: 3.64 ug/ml

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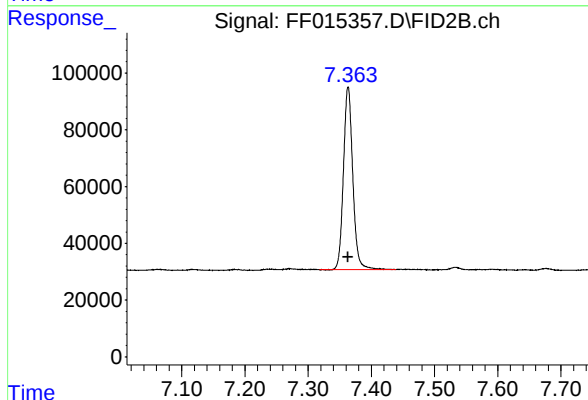
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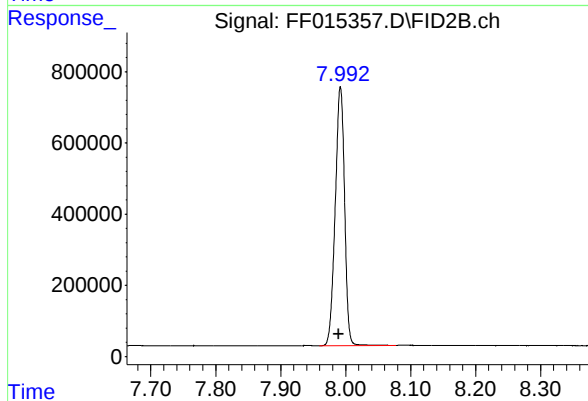
#2 Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 651306
Conc: 4.06 ug/ml m



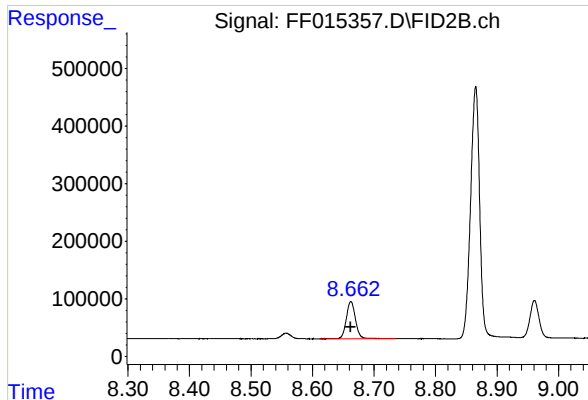
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 660689
Conc: 4.15 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.992 min
Delta R.T.: 0.003 min
Response: 7274665
Conc: 55.11 ug/ml



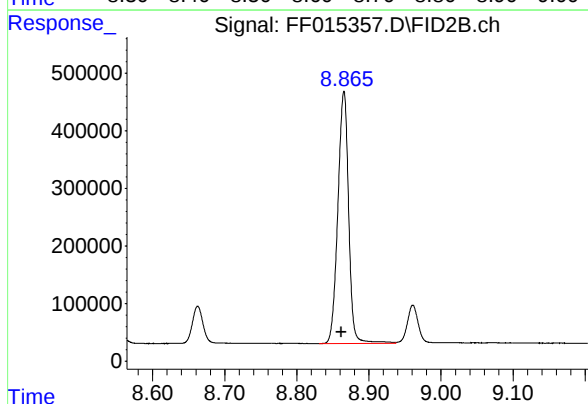
#5 Acenaphthylene (C15.06)

R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 669280
Conc: 4.21 ug/ml

Instrument : FID_F
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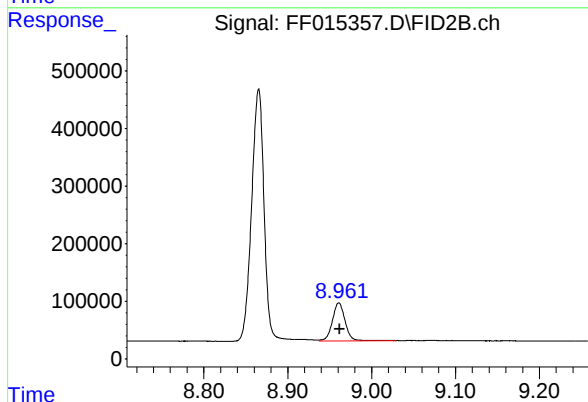
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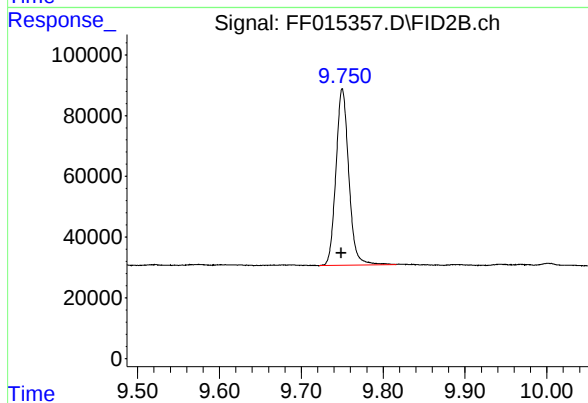
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.865 min
Delta R.T.: 0.004 min
Response: 4547670
Conc: 53.88 ug/ml



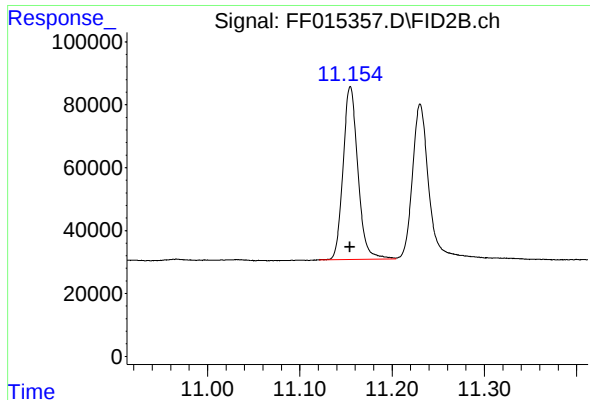
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 687805
Conc: 4.22 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.750 min
Delta R.T.: 0.000 min
Response: 634222
Conc: 4.03 ug/ml m



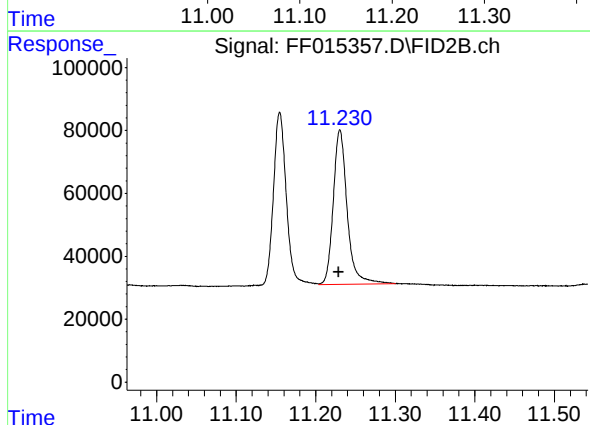
#9 Phenanthrene (C19.36)

R.T.: 11.155 min
Delta R.T.: 0.000 min
Response: 611288
Conc: 3.83 ug/ml

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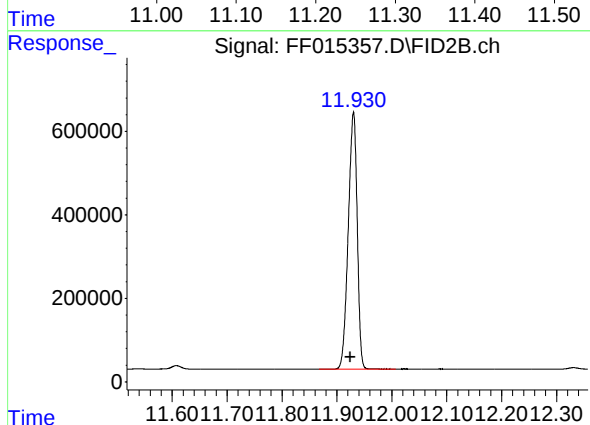
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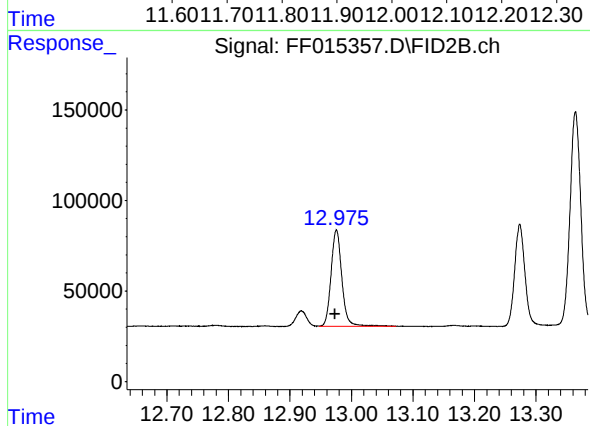
#10 Anthracene (C19.43)

R.T.: 11.230 min
Delta R.T.: 0.002 min
Response: 598059
Conc: 4.05 ug/ml



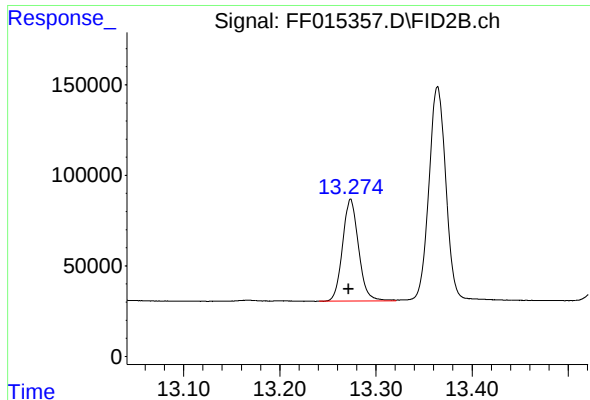
#11 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: 0.006 min
Response: 6950226
Conc: 40.37 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.976 min
Delta R.T.: 0.002 min
Response: 650396
Conc: 3.93 ug/ml



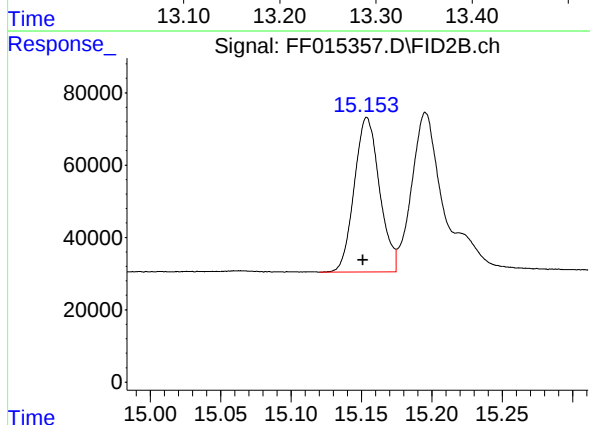
#13 Pyrene (C20.8)

R.T.: 13.274 min
Delta R.T.: 0.002 min
Response: 652952
Conc: 4.03 ug/ml

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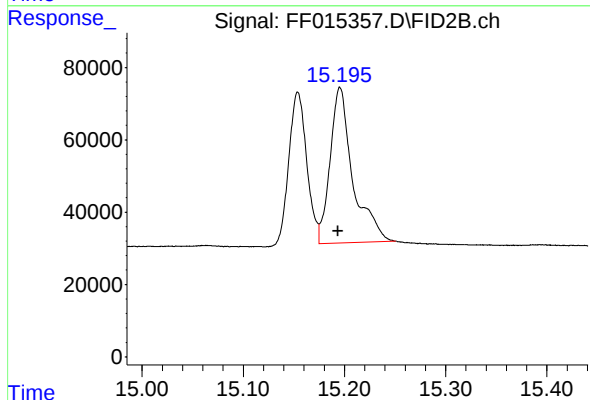
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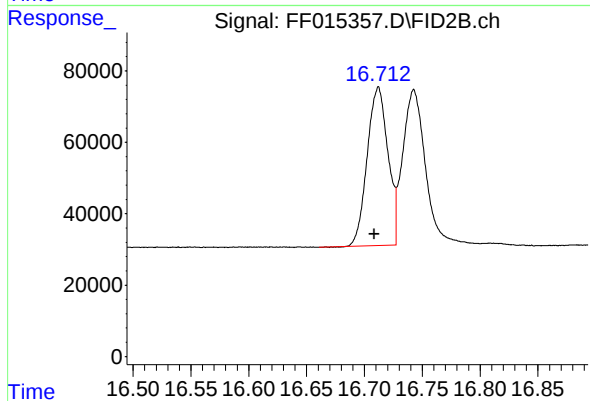
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.153 min
Delta R.T.: 0.002 min
Response: 533805
Conc: 3.58 ug/ml



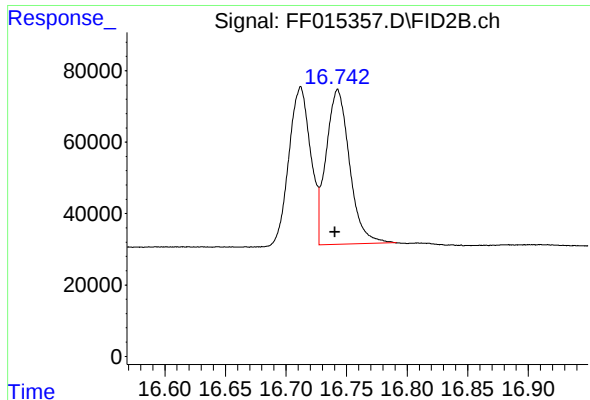
#15 Chrysene (C27.41)

R.T.: 15.196 min
Delta R.T.: 0.002 min
Response: 672515
Conc: 4.33 ug/ml



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

R.T.: 16.712 min
Delta R.T.: 0.003 min
Response: 552122
Conc: 3.73 ug/ml



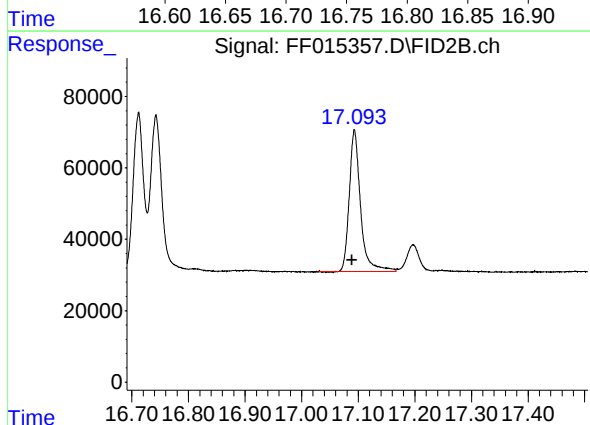
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.743 min
Delta R.T.: 0.002 min
Response: 584285
Conc: 4.13 ug/ml

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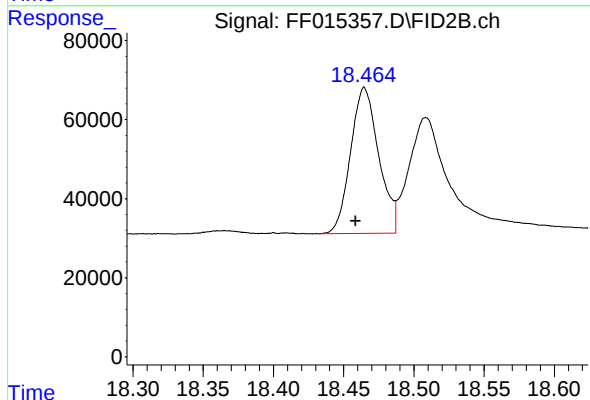
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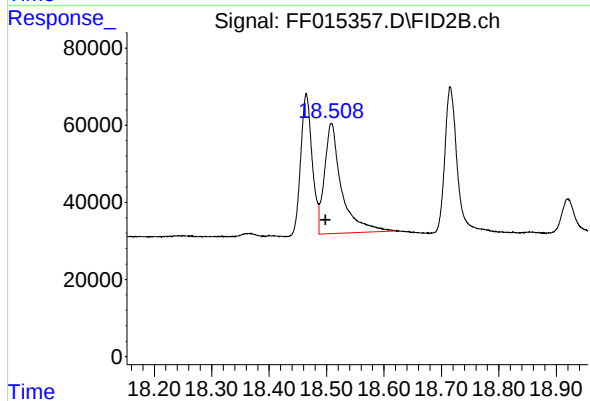
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.093 min
Delta R.T.: 0.004 min
Response: 549755
Conc: 3.87 ug/ml



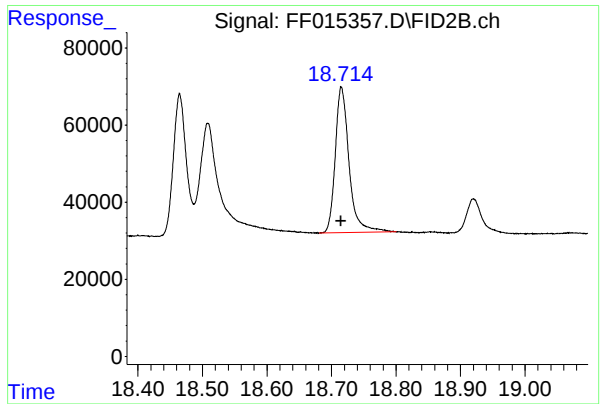
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.464 min
Delta R.T.: 0.006 min
Response: 517725
Conc: 4.11 ug/ml m



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

R.T.: 18.509 min
Delta R.T.: 0.010 min
Response: 594702
Conc: 4.02 ug/ml



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

R.T.: 18.716 min
Delta R.T.: 0.001 min
Response: 561440
Conc: 4.16 ug/ml

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