

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080724AR\
 Data File : FG014084.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2024 13:33
 Operator : YP\AJ
 Sample : P3390-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e
 Quant Time: Aug 08 04:43:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 17:31:37 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...	7.895	7029221	62.655 ug/ml
Spiked Amount 50.000		Recovery =	125.31%
6) S 2-Fluorobiphenyl (SURR)	8.767	4584031	61.041 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.08%
11) S ortho-Terphenyl (SURR)	11.838	7111639	53.761 ug/ml
Spiked Amount 50.000		Recovery =	107.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.495	452229	3.500 ug/ml
2) T Naphthalene (C11.7)	6.166	484947	3.646 ug/ml
3) T 2-Methylnaphthalene (...)	7.264	498507	3.768 ug/ml
5) T Acenaphthylene (C15.06)	8.565	504969	3.816 ug/ml
7) T Acenaphthene (C15.5)	8.864	632160	4.674 ug/ml
8) T Fluorene (C16.55)	9.656	511740	3.981 ug/ml
9) T Phenanthrene (C19.36)	11.061	471144	3.780 ug/ml
10) T Anthracene (C19.43)	11.138	468016	3.721 ug/ml
12) T Fluoranthene (C21.85)	12.883	541152	4.241 ug/ml
13) T Pyrene (C20.8)	13.182	536150	4.216 ug/ml
14) T Benzo[a]anthracene (C...	15.066	471732	4.048 ug/ml
15) T Chrysene (C27.41)	15.107	699491	5.129 ug/ml
16) T benzo[b]fluoranthene ...	16.625	481739	3.897 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.655	617116	4.616 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.008	485431	3.849 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.382	414247	4.046 ug/ml
20) T Dibenz[a,h]anthracene...	18.424	703679	4.611 ug/ml
21) T Benzo[g,h,i]perylene ...	18.634	568836	4.098 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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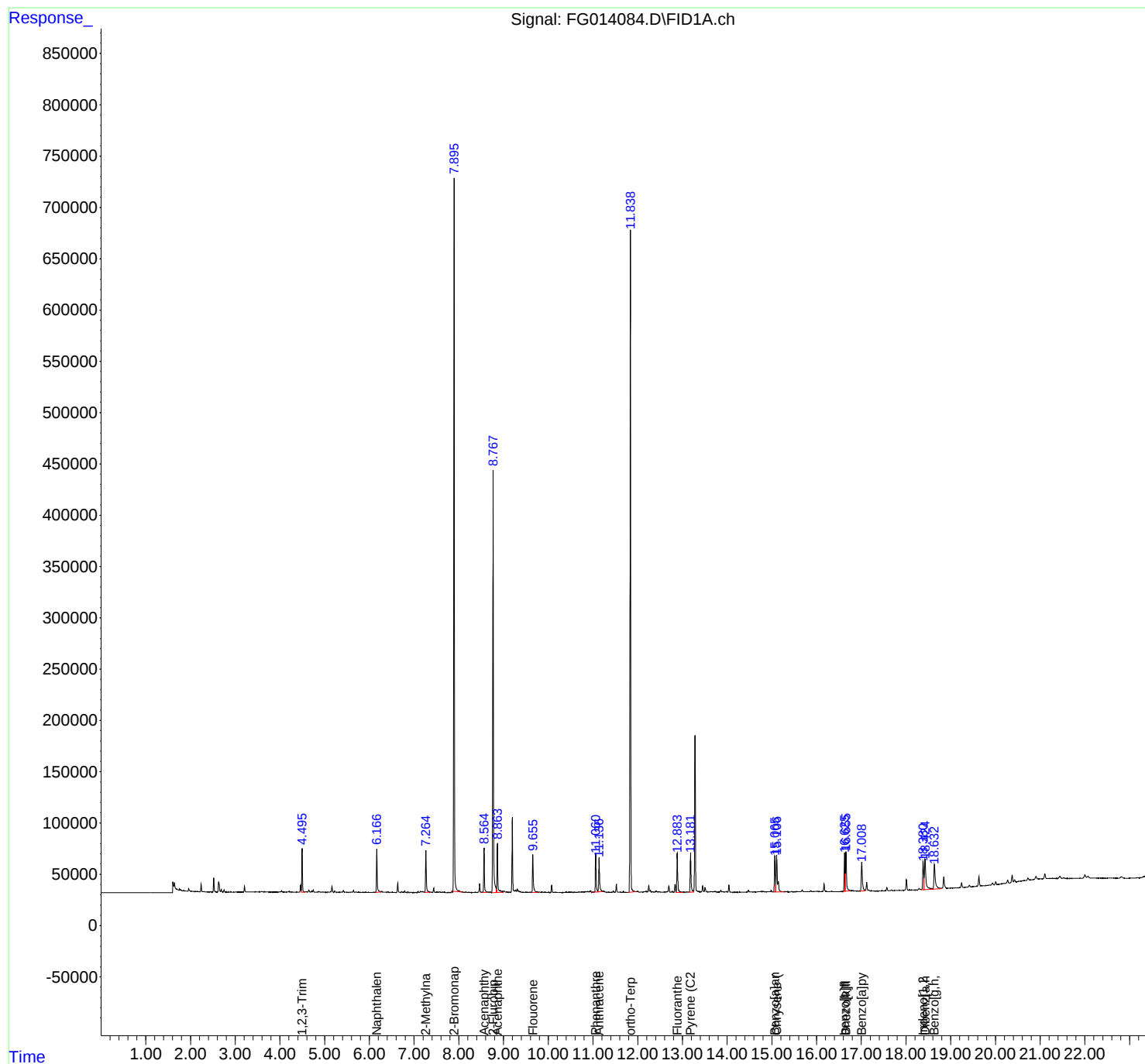
Instrument :
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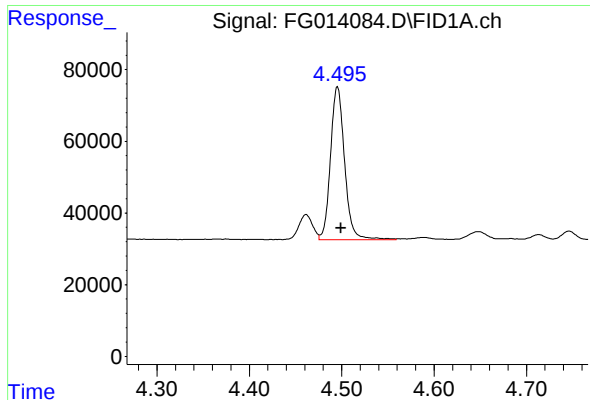
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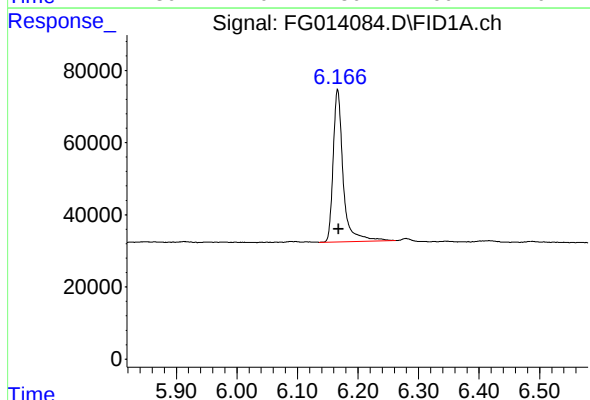
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.495 min
Delta R.T.: -0.004 min
Response: 452229
Conc: 3.50 ug/ml

Instrument : FID_G
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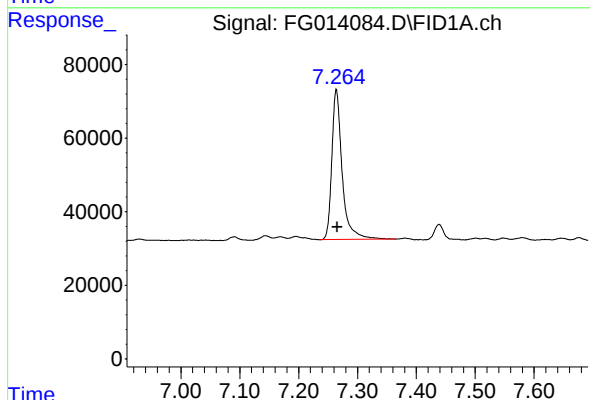
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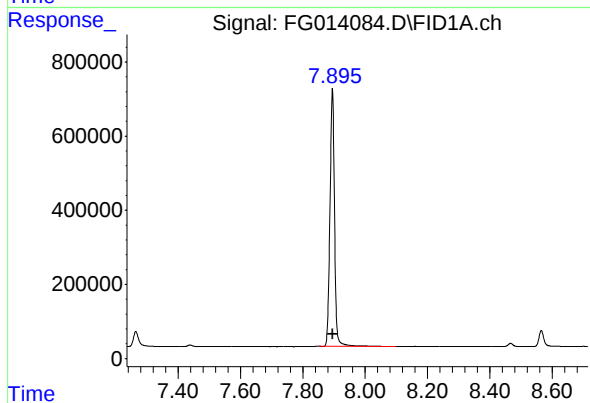
#2 Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 484947
Conc: 3.65 ug/ml



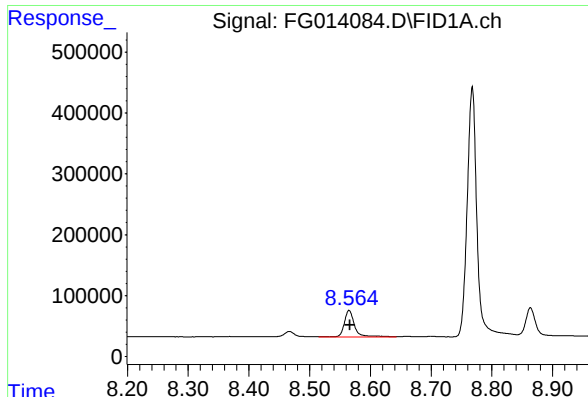
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: -0.001 min
Response: 498507
Conc: 3.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 7029221
Conc: 62.66 ug/ml



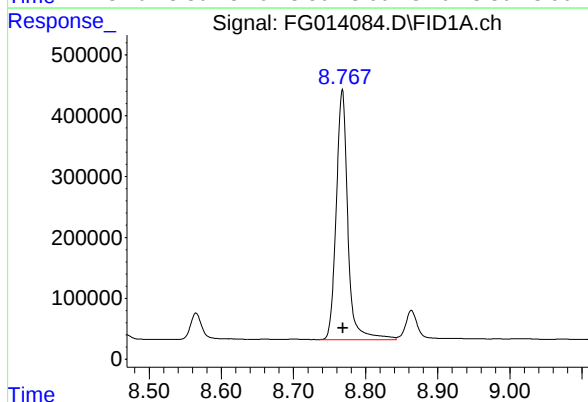
#5 Acenaphthylene (C15.06)

R.T.: 8.565 min
Delta R.T.: -0.001 min
Response: 504969
Conc: 3.82 ug/ml

Instrument :
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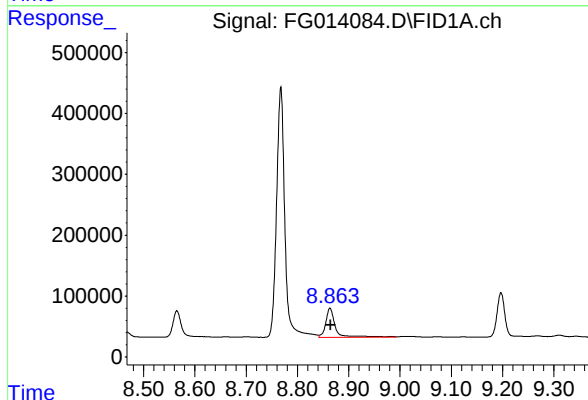
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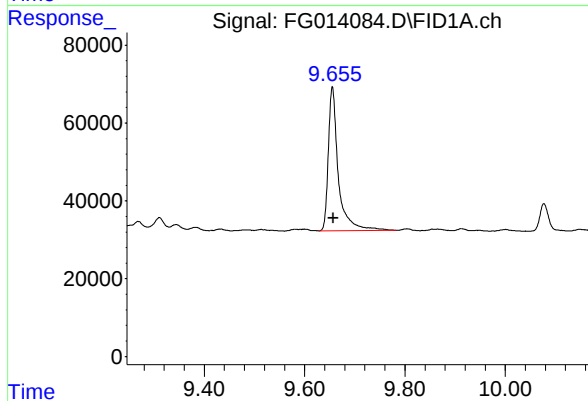
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.767 min
Delta R.T.: -0.001 min
Response: 4584031
Conc: 61.04 ug/ml



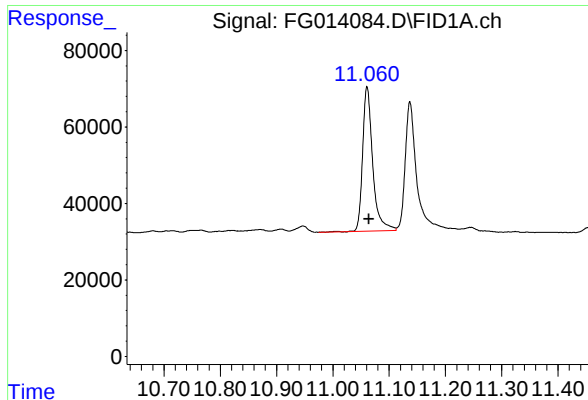
#7 Acenaphthene (C15.5)

R.T.: 8.864 min
Delta R.T.: -0.001 min
Response: 632160
Conc: 4.67 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.656 min
Delta R.T.: -0.001 min
Response: 511740
Conc: 3.98 ug/ml



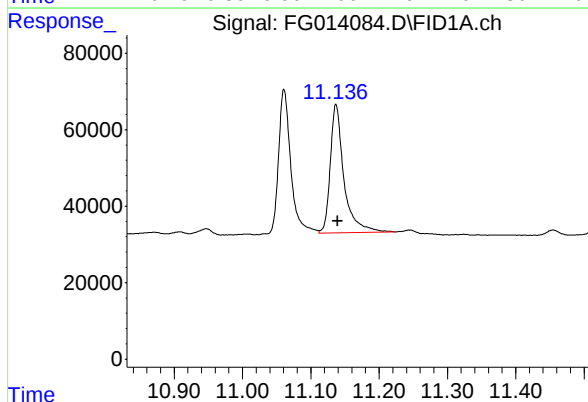
#9 Phenanthrene (C19.36)

R.T.: 11.061 min
Delta R.T.: -0.002 min
Response: 471144
Conc: 3.78 ug/ml

Instrument :
FID_G
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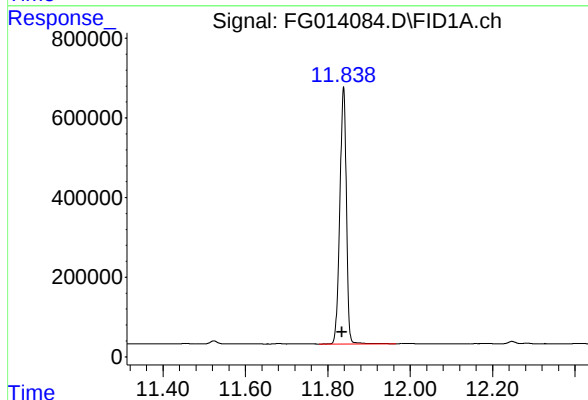
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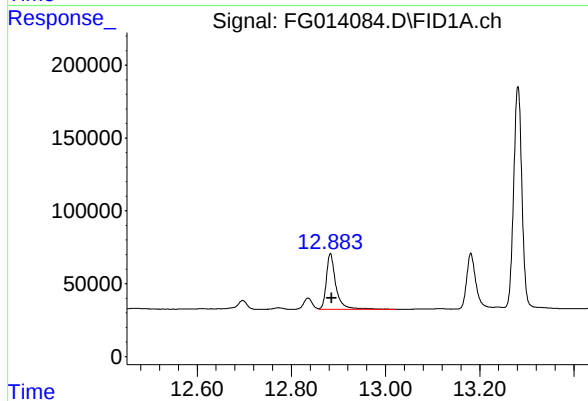
#10 Anthracene (C19.43)

R.T.: 11.138 min
Delta R.T.: -0.002 min
Response: 468016
Conc: 3.72 ug/ml



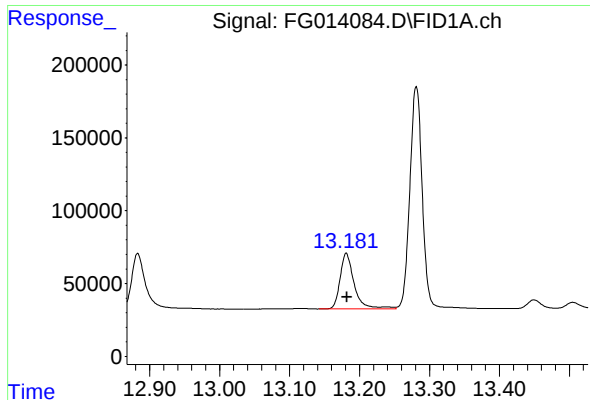
#11 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: 0.003 min
Response: 7111639
Conc: 53.76 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.883 min
Delta R.T.: -0.002 min
Response: 541152
Conc: 4.24 ug/ml



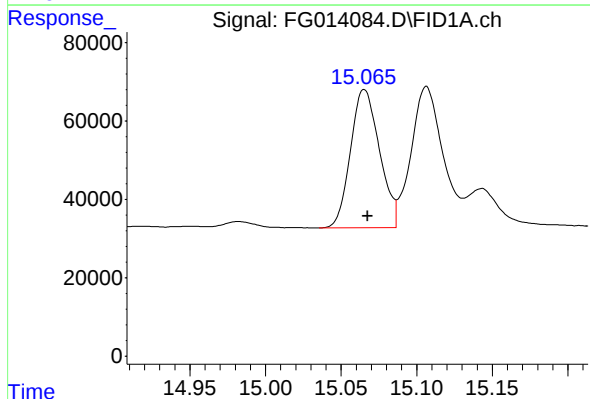
#13 Pyrene (C20.8)

R.T.: 13.182 min
Delta R.T.: 0.000 min
Response: 536150
Conc: 4.22 ug/ml

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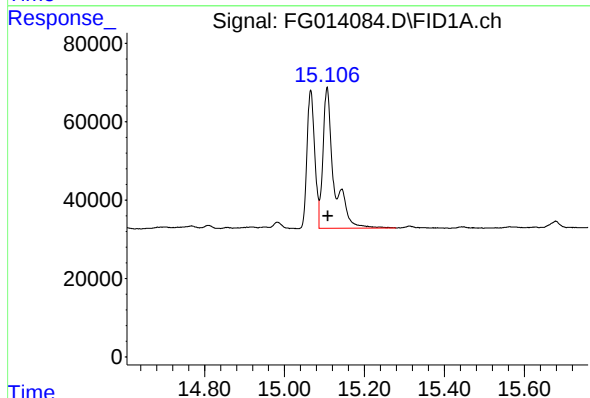
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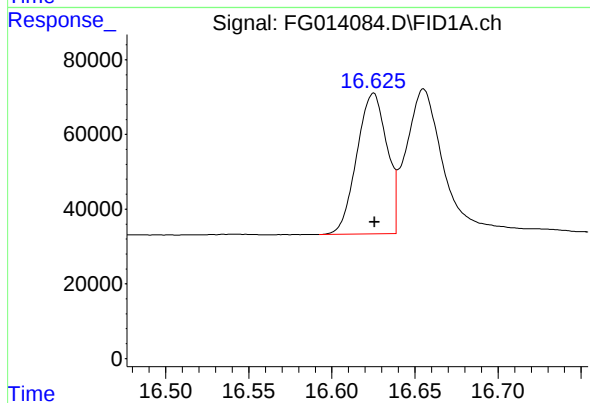
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.066 min
Delta R.T.: -0.002 min
Response: 471732
Conc: 4.05 ug/ml



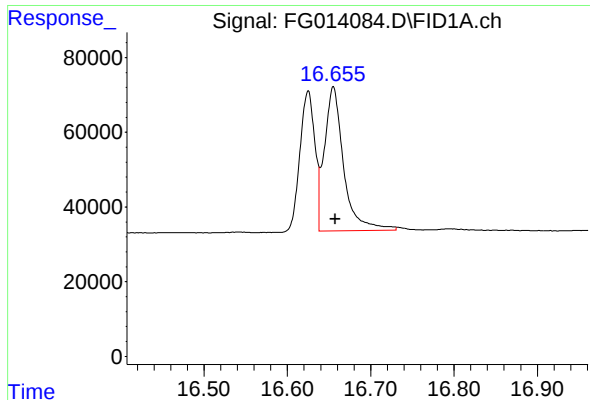
#15 Chrysene (C27.41)

R.T.: 15.107 min
Delta R.T.: -0.002 min
Response: 699491
Conc: 5.13 ug/ml



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

R.T.: 16.625 min
Delta R.T.: 0.000 min
Response: 481739
Conc: 3.90 ug/ml m



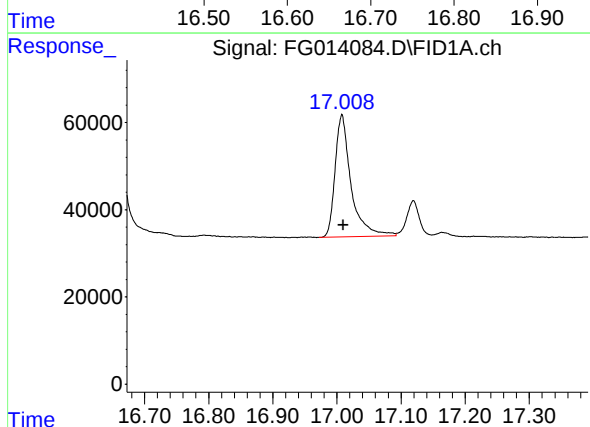
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.655 min
Delta R.T.: -0.003 min
Response: 617116
Conc: 4.62 ug/ml

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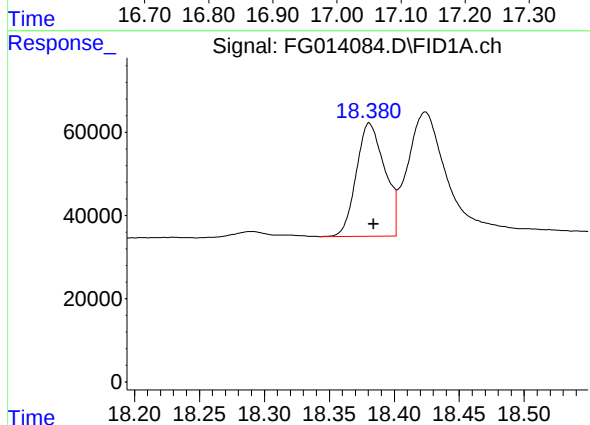
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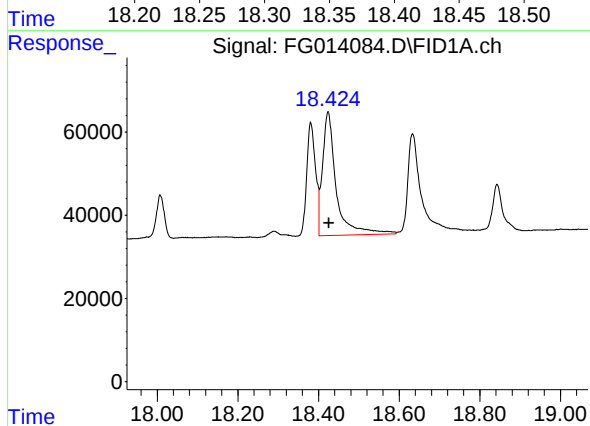
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.008 min
Delta R.T.: -0.002 min
Response: 485431
Conc: 3.85 ug/ml



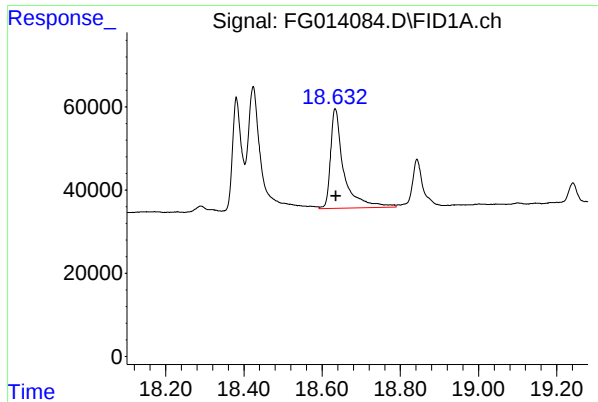
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.382 min
Delta R.T.: -0.002 min
Response: 414247
Conc: 4.05 ug/ml



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

R.T.: 18.424 min
Delta R.T.: -0.002 min
Response: 703679
Conc: 4.61 ug/ml



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

R.T.: 18.634 min
Delta R.T.: -0.001 min
Response: 568836
Conc: 4.10 ug/ml

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