

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101624AR\
 Data File : FF014701.D
 Signal(s) : FID2B.ch
 Acq On : 16 Oct 2024 10:35
 Operator : YP\AJ
 Sample : P4368-08
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :Ankita Jodhani 10/17/2024

Integration File: autoint1.e
 Quant Time: Oct 17 01:39:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 11:02:50 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...	7.856	6596803	61.523 ug/ml
Spiked Amount 50.000		Recovery =	123.05%
6) S 2-Fluorobiphenyl (SURR)	8.725	3714965	60.123 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	120.25%
11) S ortho-Terphenyl (SURR)	11.787	6959846	50.837 ug/ml
Spiked Amount 50.000		Recovery =	101.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.470	534186	4.062 ug/ml
2) T Naphthalene (C11.7)	6.138	556616	4.328 ug/ml
3) T 2-Methylnaphthalene (...)	7.233	564056	4.479 ug/ml
5) T Acenaphthylene (C15.06)	8.526	624499	4.831 ug/ml
7) T Acenaphthene (C15.5)	8.823	797107	5.843 ug/ml
8) T Fluorene (C16.55)	9.618	566092	4.739 ug/ml
9) T Phenanthrene (C19.36)	11.019	543197	4.716 ug/ml
10) T Anthracene (C19.43)	11.097	605519	5.122 ug/ml
12) T Fluoranthene (C21.85)	12.833	657229	5.373 ug/ml
13) T Pyrene (C20.8)	13.128	663484	5.344 ug/ml
14) T Benzo[a]anthracene (C...	15.049	573548	6.500 ug/ml
15) T Chrysene (C27.41)	15.080	497172	3.460 ug/ml
16) T benzo[b]fluoranthene ...	16.562	388658	4.022 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.590	817949	6.020 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.951	475675	4.339 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.354	402670	6.281 ug/mlm
20) T Dibenz[a,h]anthracene...	18.386	358541	3.399 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.565	463318	3.812 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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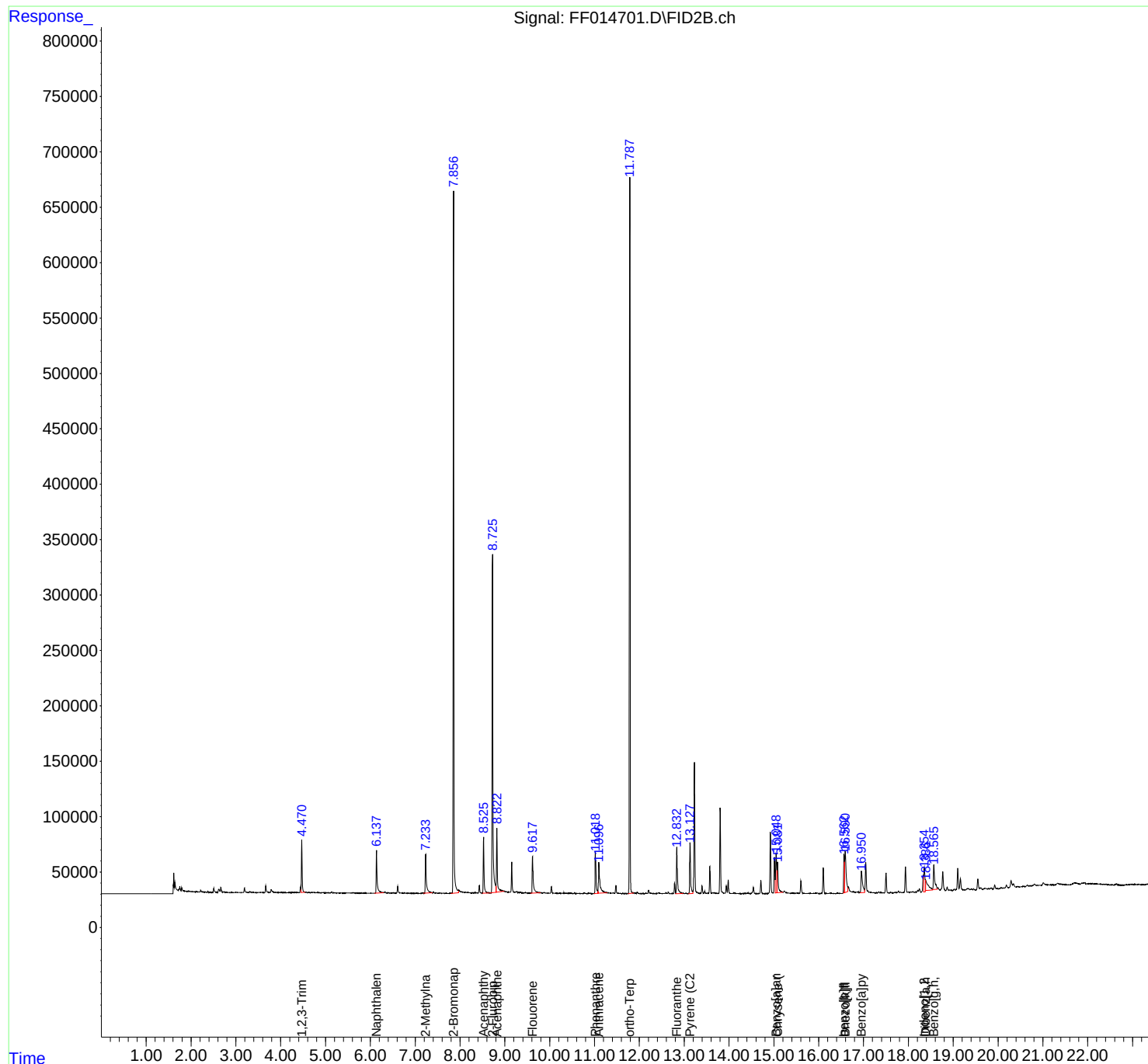
Instrument :
FID_F
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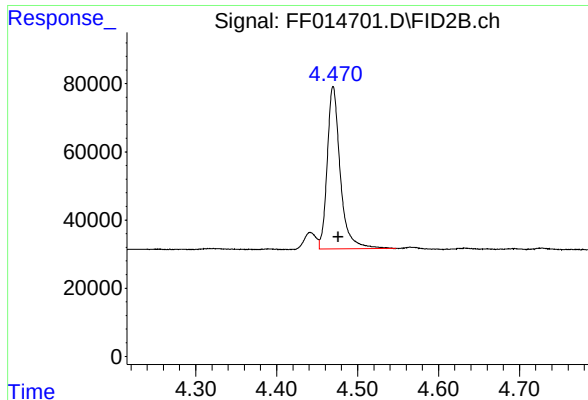
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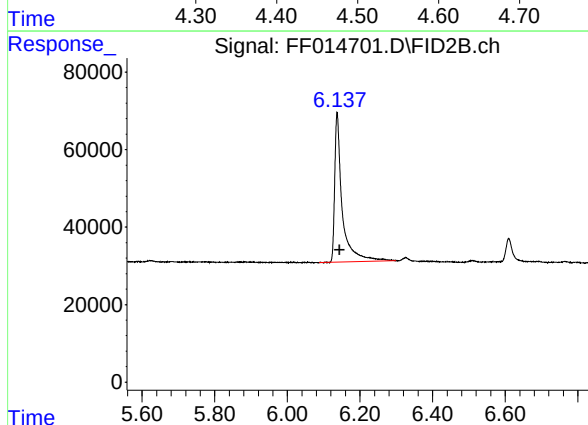
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.470 min
Delta R.T.: -0.006 min
Response: 534186
Conc: 4.06 ug/ml

Instrument :
FID_F
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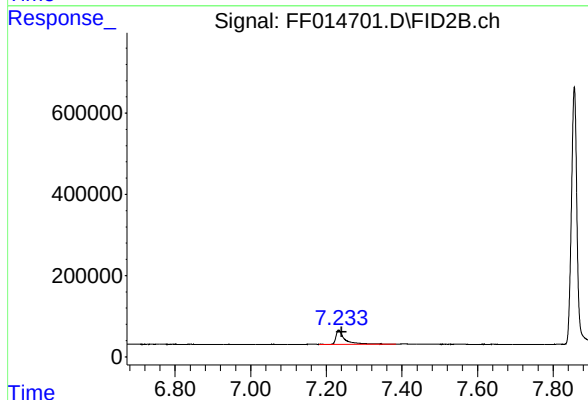
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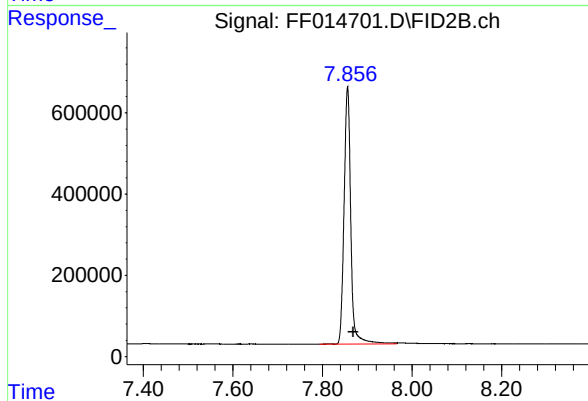
#2 Naphthalene (C11.7)

R.T.: 6.138 min
Delta R.T.: -0.007 min
Response: 556616
Conc: 4.33 ug/ml



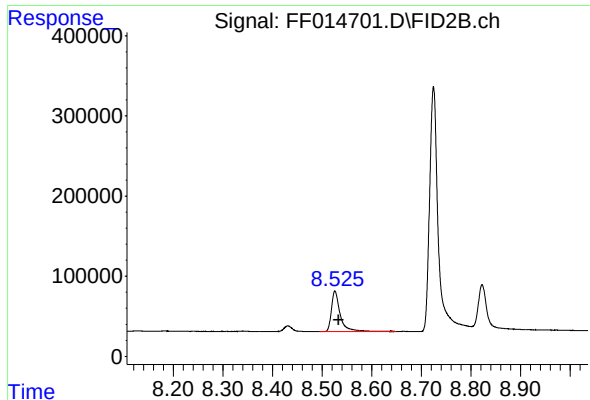
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.233 min
Delta R.T.: -0.007 min
Response: 564056
Conc: 4.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.856 min
Delta R.T.: -0.013 min
Response: 6596803
Conc: 61.52 ug/ml



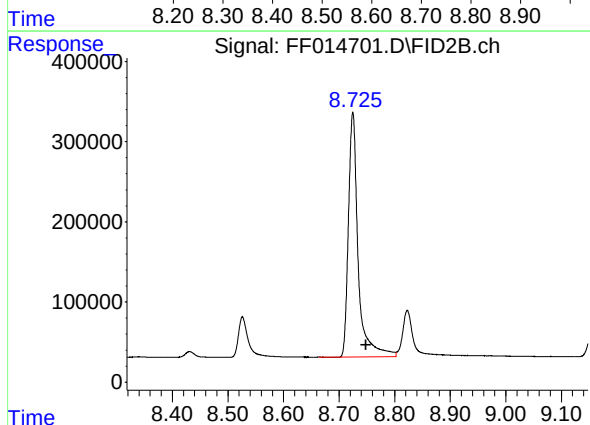
#5 Acenaphthylene (C15.06)

R.T.: 8.526 min
Delta R.T.: -0.007 min
Response: 624499
Conc: 4.83 ug/ml

Instrument : FID_F
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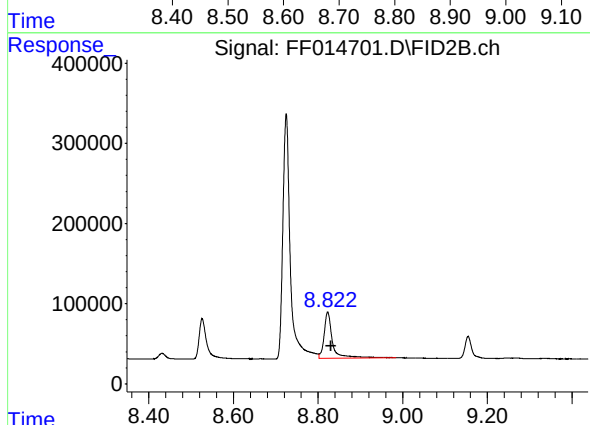
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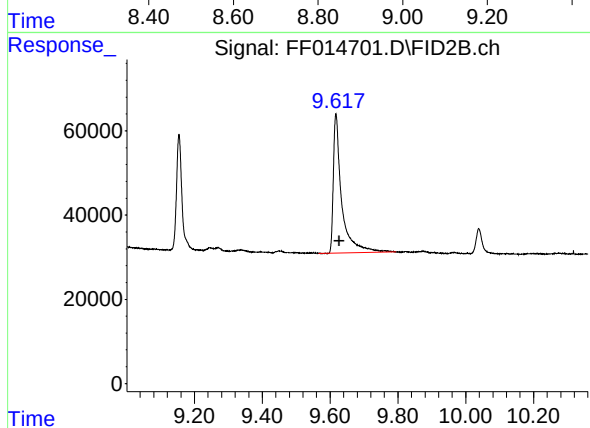
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.725 min
Delta R.T.: -0.024 min
Response: 3714965
Conc: 60.12 ug/ml



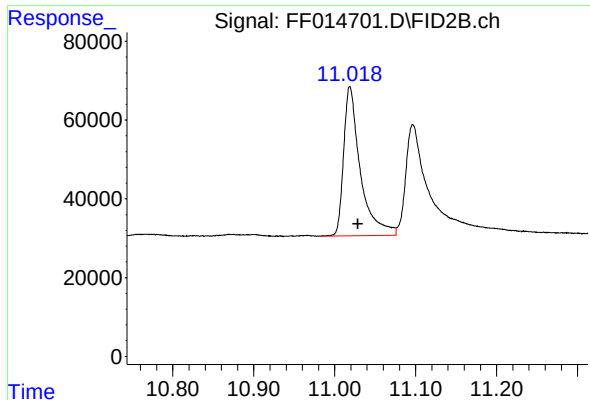
#7 Acenaphthene (C15.5)

R.T.: 8.823 min
Delta R.T.: -0.008 min
Response: 797107
Conc: 5.84 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.618 min
Delta R.T.: -0.009 min
Response: 566092
Conc: 4.74 ug/ml



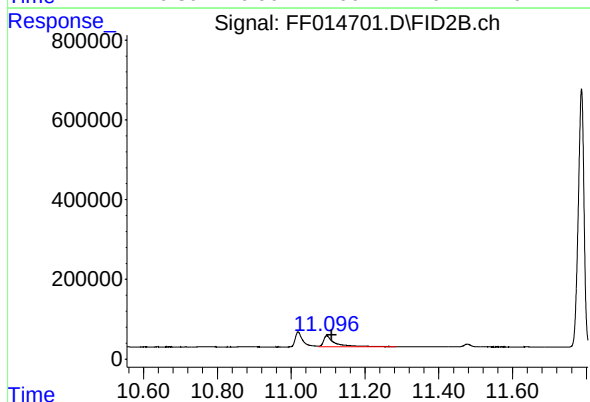
#9 Phenanthrene (C19.36)

R.T.: 11.019 min
Delta R.T.: -0.010 min
Response: 543197
Conc: 4.72 ug/ml

Instrument : FID_F
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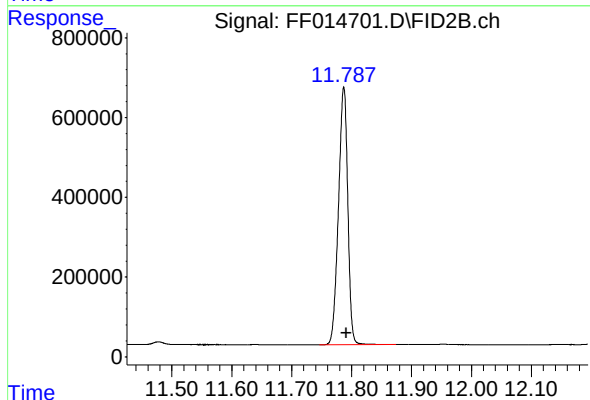
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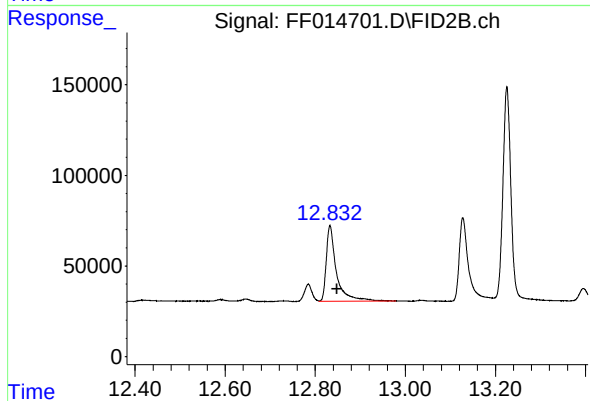
#10 Anthracene (C19.43)

R.T.: 11.097 min
Delta R.T.: -0.013 min
Response: 605519
Conc: 5.12 ug/ml



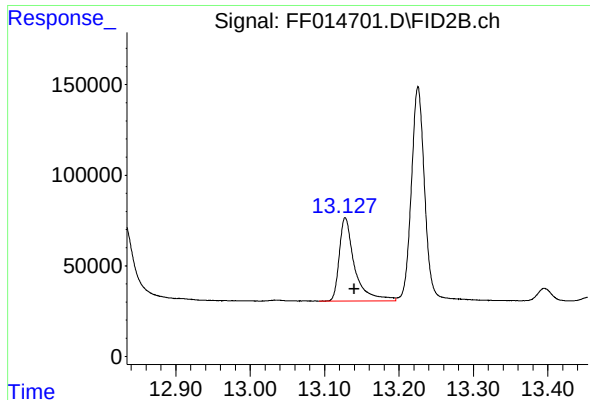
#11 ortho-Terphenyl (SURR)

R.T.: 11.787 min
Delta R.T.: -0.004 min
Response: 6959846
Conc: 50.84 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.833 min
Delta R.T.: -0.015 min
Response: 657229
Conc: 5.37 ug/ml



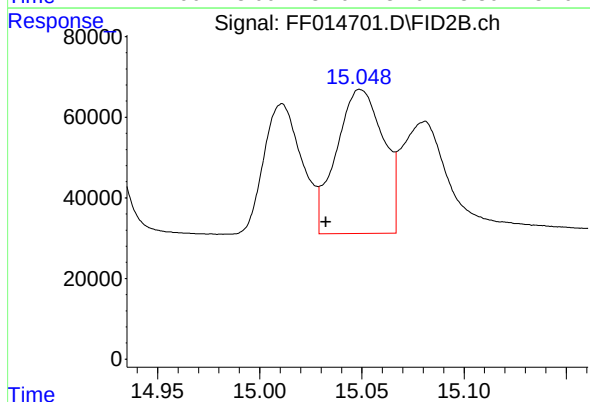
#13 Pyrene (C20.8)

R.T.: 13.128 min
Delta R.T.: -0.012 min
Response: 663484
Conc: 5.34 ug/ml

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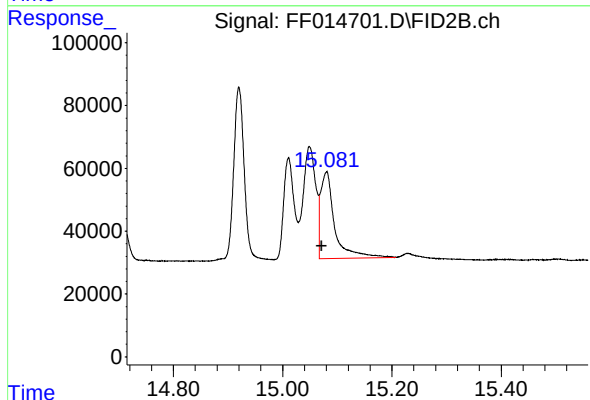
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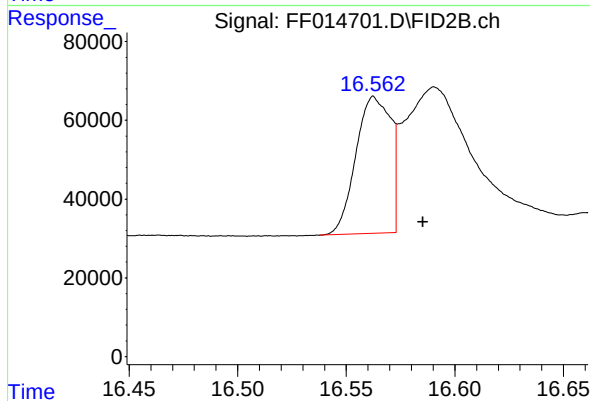
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.049 min
Delta R.T.: 0.017 min
Response: 573548
Conc: 6.50 ug/ml



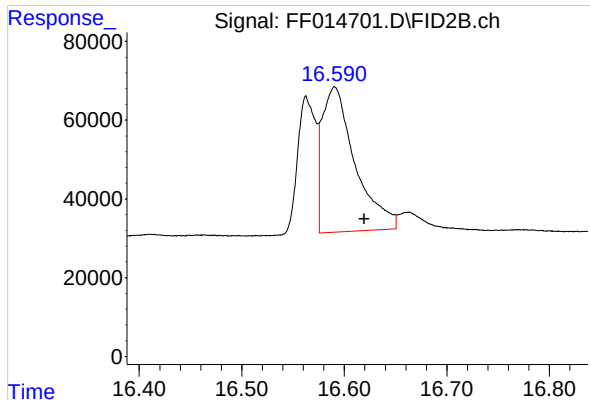
#15 Chrysene (C27.41)

R.T.: 15.080 min
Delta R.T.: 0.009 min
Response: 497172
Conc: 3.46 ug/ml



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

R.T.: 16.562 min
Delta R.T.: -0.023 min
Response: 388658
Conc: 4.02 ug/ml m



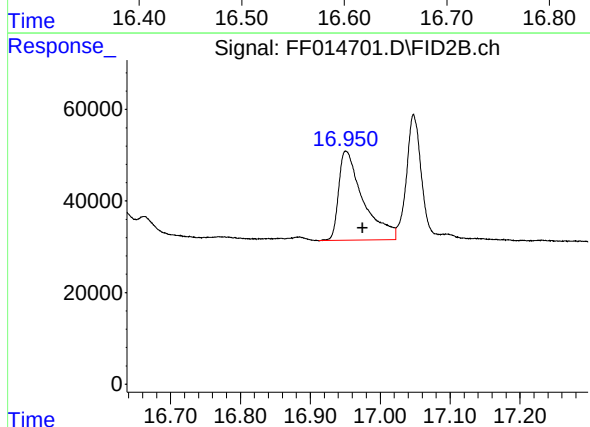
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.590 min
Delta R.T.: -0.029 min
Response: 817949
Conc: 6.02 ug/ml

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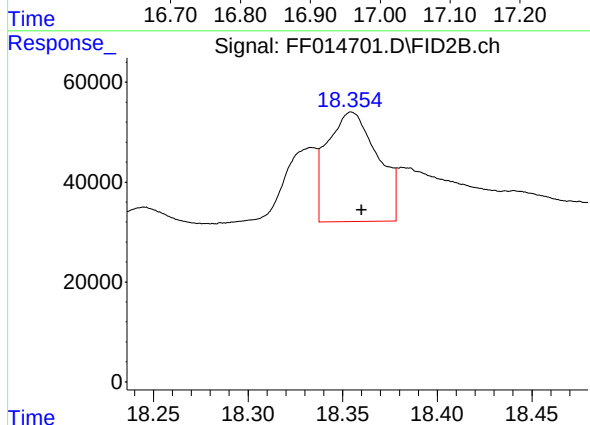
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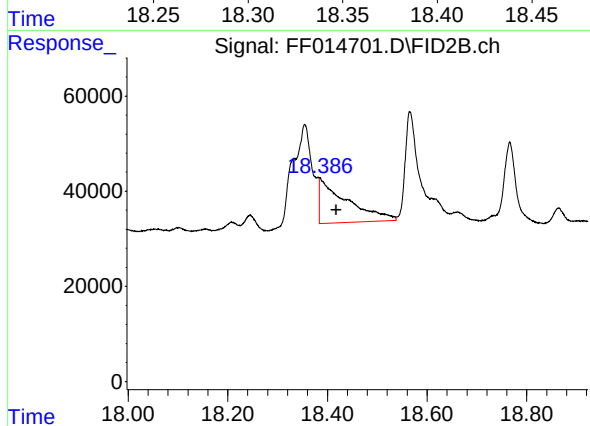
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.951 min
Delta R.T.: -0.023 min
Response: 475675
Conc: 4.34 ug/ml



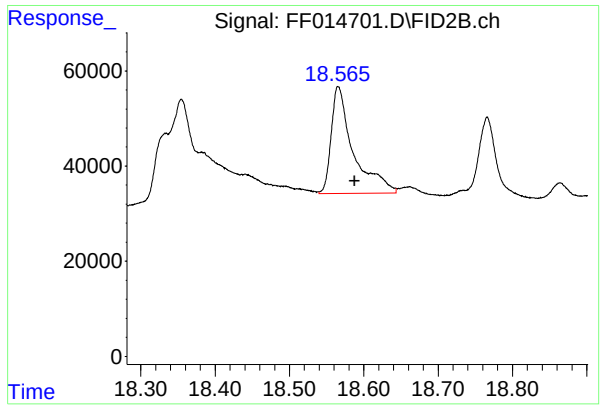
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.354 min
Delta R.T.: -0.006 min
Response: 402670
Conc: 6.28 ug/ml m



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

R.T.: 18.386 min
Delta R.T.: -0.032 min
Response: 358541
Conc: 3.40 ug/ml m



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

R.T.: 18.565 min
Delta R.T.: -0.023 min
Response: 463318
Conc: 3.81 ug/ml

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