

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101524AR\
 Data File : FF014687.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 14:31
 Operator : YP\AJ
 Sample : P4368-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 02:25:46 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	6850513	63.889 ug/ml
Spiked Amount 50.000		Recovery =	127.78%
6) S 2-Fluorobiphenyl (SURR)	8.725	3667751	59.359 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	118.72%
11) S ortho-Terphenyl (SURR)	11.788	7379738	53.904 ug/ml
Spiked Amount 50.000		Recovery =	107.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.471	425086	3.232 ug/ml
2) T Naphthalene (C11.7)	6.139	426596	3.317 ug/ml
3) T 2-Methylnaphthalene (...)	7.235	489781	3.889 ug/ml
5) T Acenaphthylene (C15.06)	8.527	520746	4.028 ug/ml
7) T Acenaphthene (C15.5)	8.824	657656	4.821 ug/ml
8) T Fluorene (C16.55)	9.619	463198	3.878 ug/ml
9) T Phenanthrene (C19.36)	11.020	447497	3.885 ug/ml
10) T Anthracene (C19.43)	11.099	500319	4.232 ug/ml
12) T Fluoranthene (C21.85)	12.834	565780	4.625 ug/ml
13) T Pyrene (C20.8)	13.128	566245	4.561 ug/ml
14) T Benzo[a]anthracene (C...	15.010	372655	4.223 ug/mlm
15) T Chrysene (C27.41)	15.049	568200	3.954 ug/mlm
16) T benzo[b]fluoranthene ...	16.570	331115	3.426 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.585	1125261	8.281 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.953	403714	3.682 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.336	226548	3.534 ug/mlm
20) T Dibenz[a,h]anthracene...	18.356	961452	9.116 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.565	327320	2.693 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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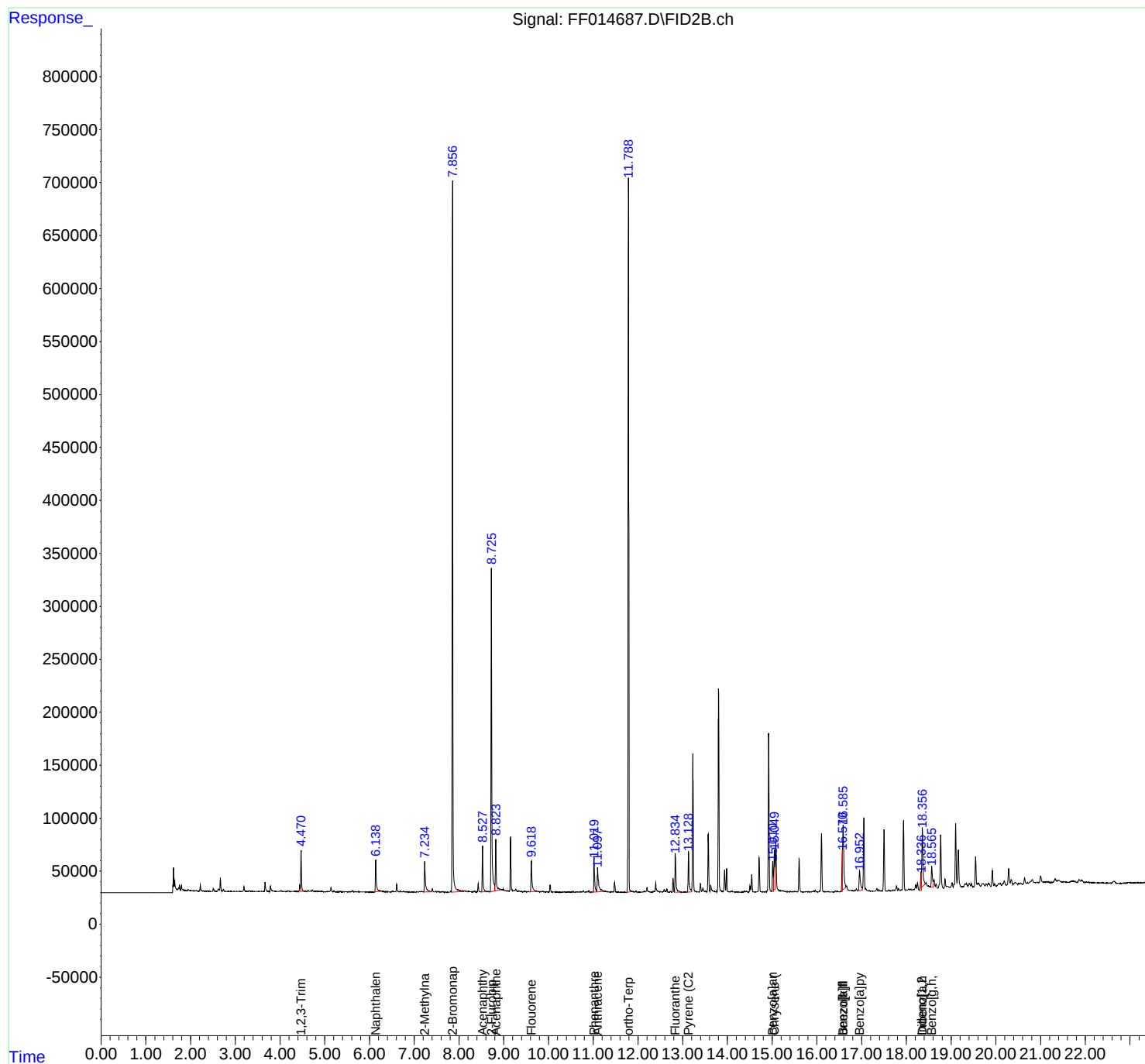
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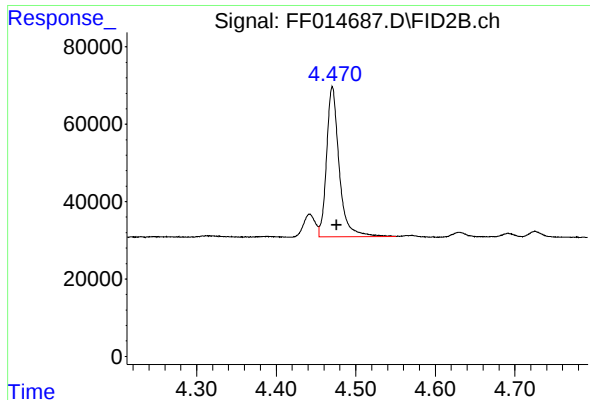
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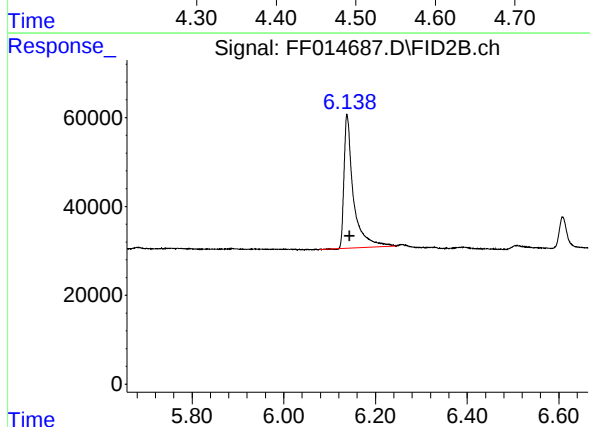
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.471 min
Delta R.T.: -0.005 min
Response: 425086
Conc: 3.23 ug/ml

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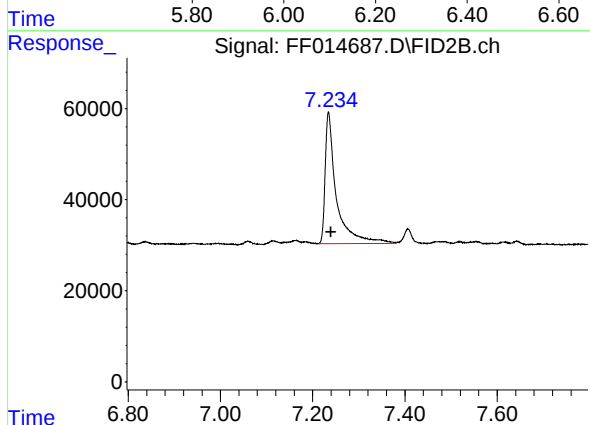
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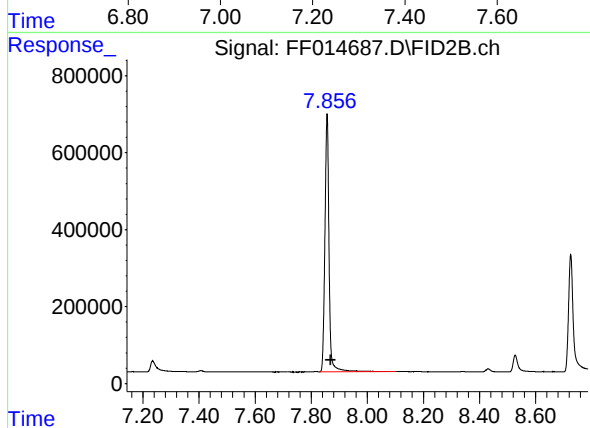
#2 Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: -0.005 min
Response: 426596
Conc: 3.32 ug/ml



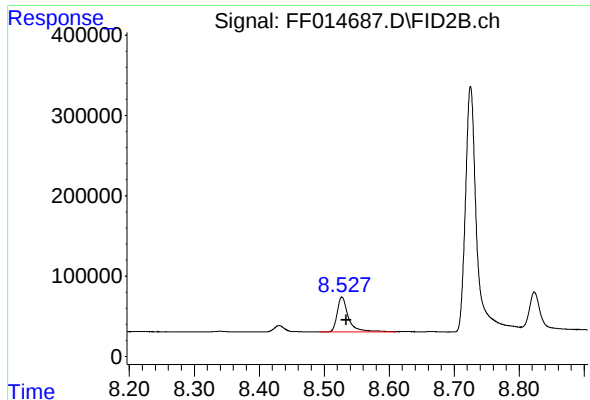
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.235 min
Delta R.T.: -0.005 min
Response: 489781
Conc: 3.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.856 min
Delta R.T.: -0.012 min
Response: 6850513
Conc: 63.89 ug/ml



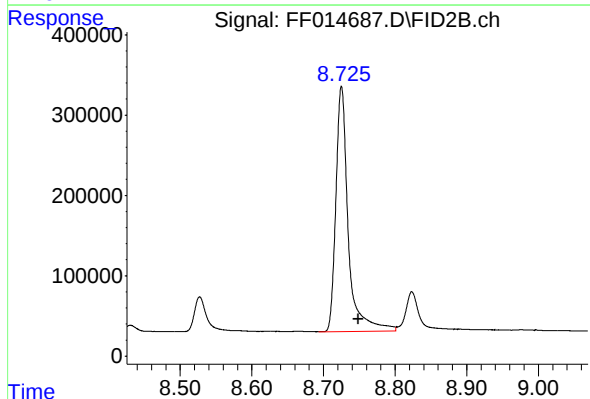
#5 Acenaphthylene (C15.06)

R.T.: 8.527 min
Delta R.T.: -0.006 min
Response: 520746
Conc: 4.03 ug/ml

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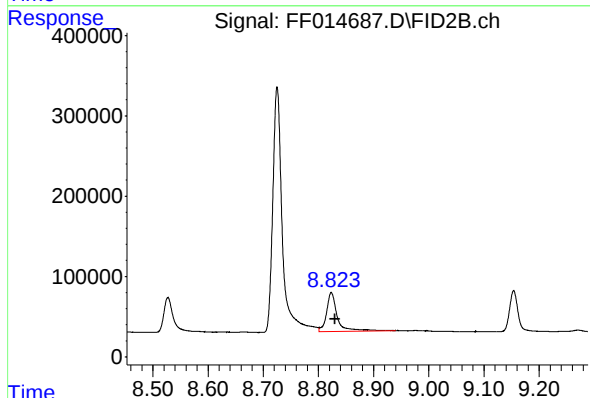
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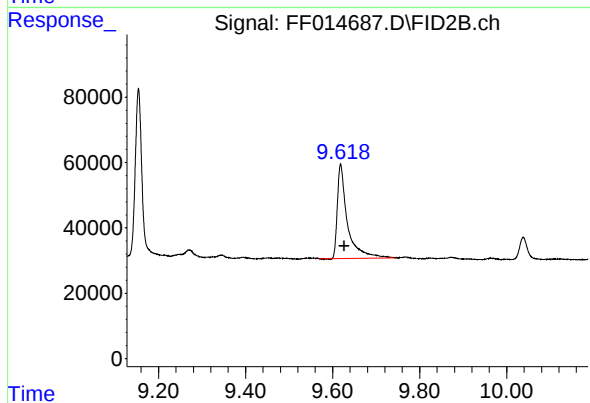
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.725 min
Delta R.T.: -0.023 min
Response: 3667751
Conc: 59.36 ug/ml



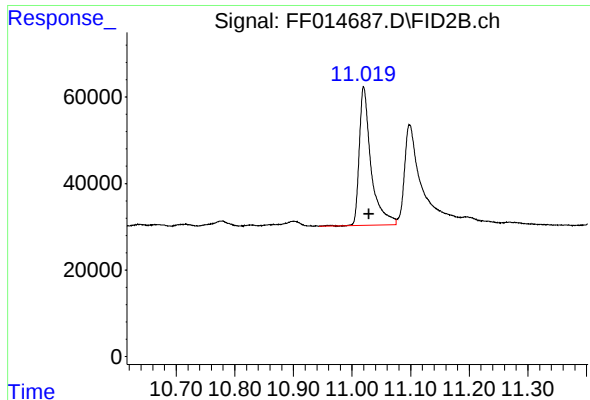
#7 Acenaphthene (C15.5)

R.T.: 8.824 min
Delta R.T.: -0.007 min
Response: 657656
Conc: 4.82 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.619 min
Delta R.T.: -0.008 min
Response: 463198
Conc: 3.88 ug/ml



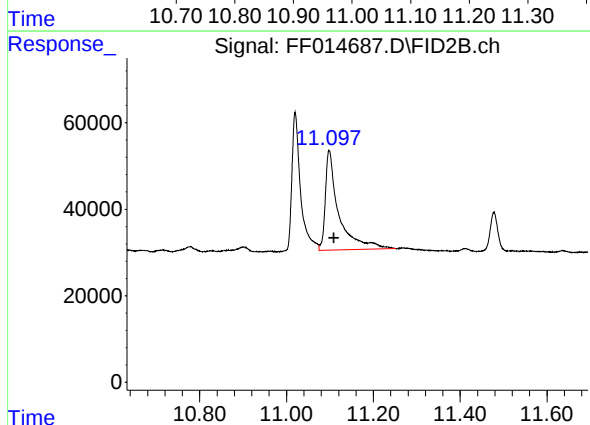
#9 Phenanthrene (C19.36)

R.T.: 11.020 min
Delta R.T.: -0.009 min
Response: 447497
Conc: 3.89 ug/ml

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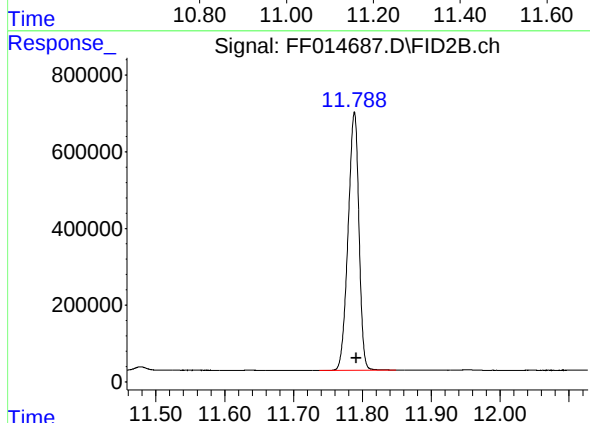
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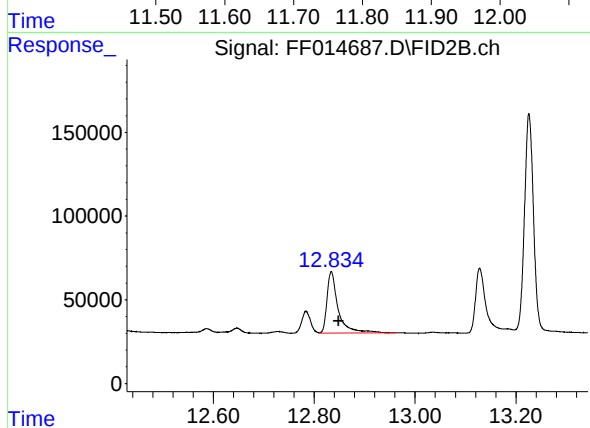
#10 Anthracene (C19.43)

R.T.: 11.099 min
Delta R.T.: -0.011 min
Response: 500319
Conc: 4.23 ug/ml



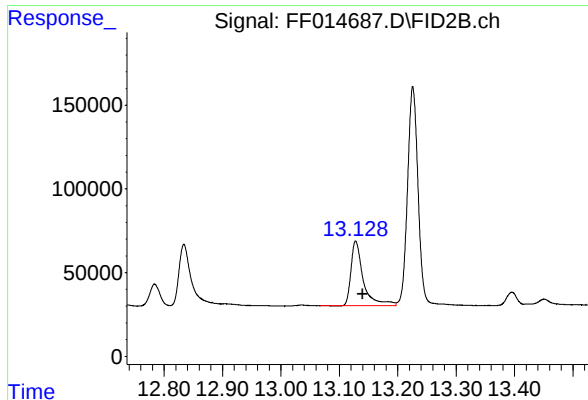
#11 ortho-Terphenyl (SURRE)

R.T.: 11.788 min
Delta R.T.: -0.003 min
Response: 7379738
Conc: 53.90 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.834 min
Delta R.T.: -0.014 min
Response: 565780
Conc: 4.63 ug/ml



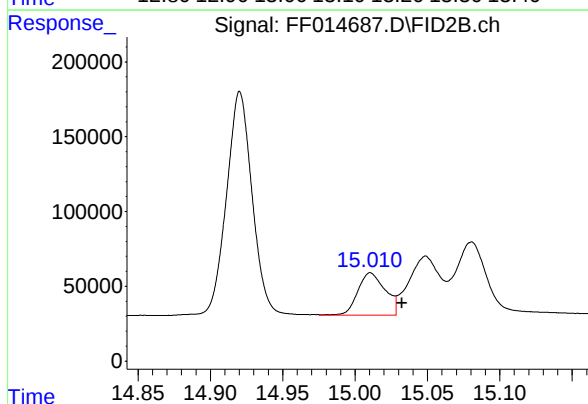
#13 Pyrene (C20.8)

R.T.: 13.128 min
Delta R.T.: -0.011 min
Response: 566245
Conc: 4.56 ug/ml

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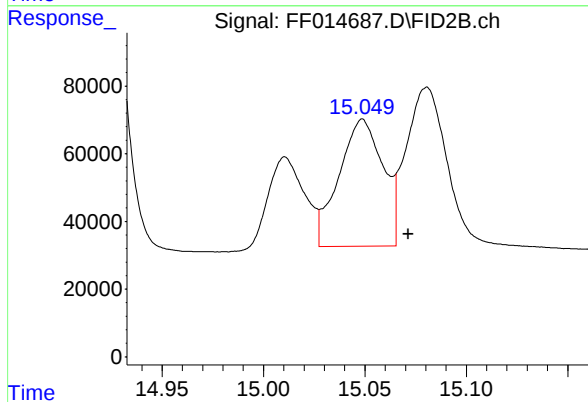
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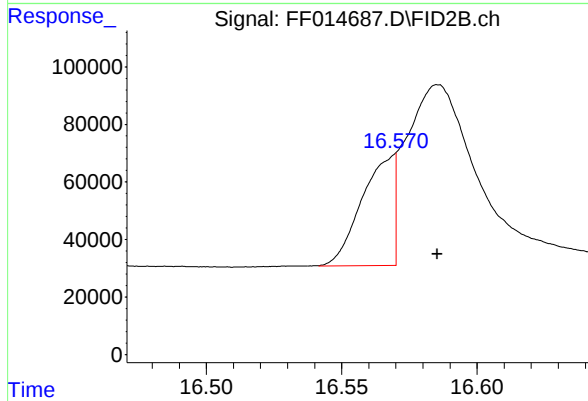
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.010 min
Delta R.T.: -0.022 min
Response: 372655
Conc: 4.22 ug/ml m



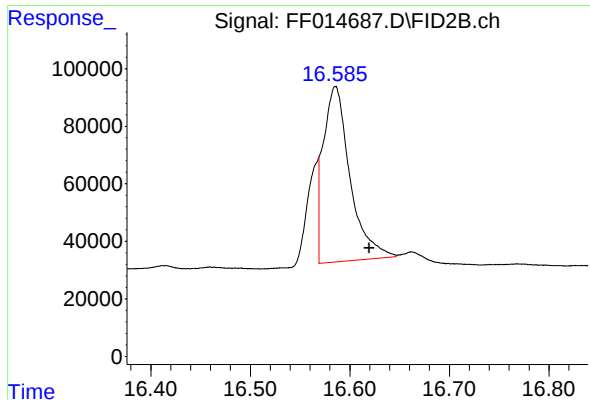
#15 Chrysene (C27.41)

R.T.: 15.049 min
Delta R.T.: -0.023 min
Response: 568200
Conc: 3.95 ug/ml m



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

R.T.: 16.570 min
Delta R.T.: -0.015 min
Response: 331115
Conc: 3.43 ug/ml m



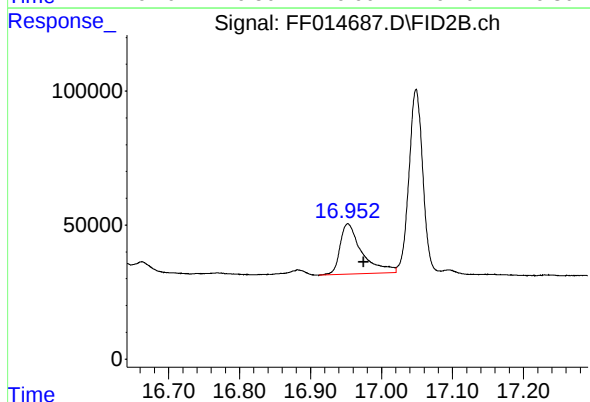
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.585 min
Delta R.T.: -0.035 min
Response: 1125261
Conc: 8.28 ug/ml

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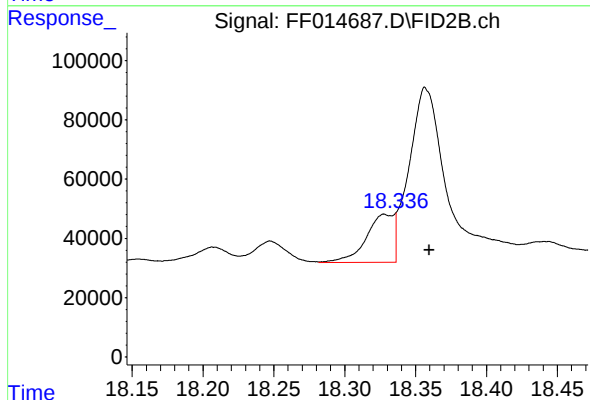
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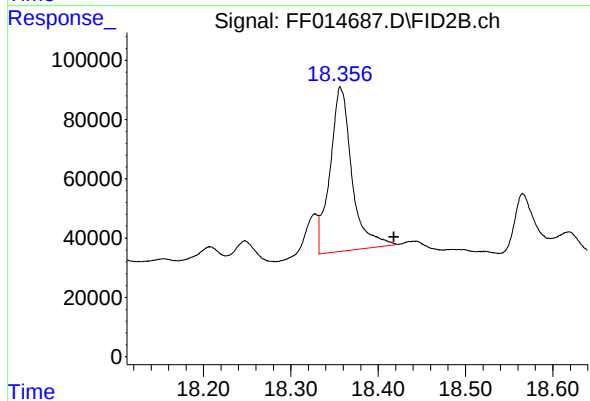
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.953 min
Delta R.T.: -0.022 min
Response: 403714
Conc: 3.68 ug/ml



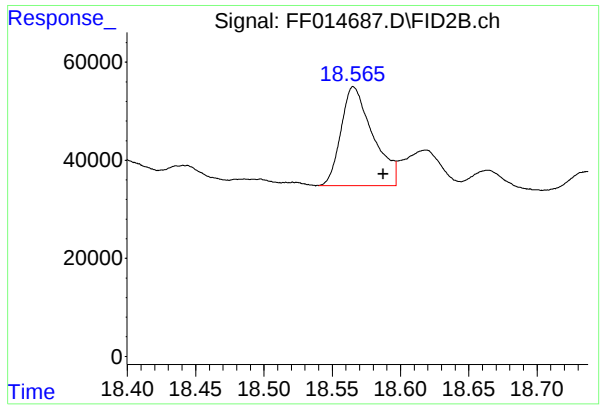
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.336 min
Delta R.T.: -0.024 min
Response: 226548
Conc: 3.53 ug/ml m



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

R.T.: 18.356 min
Delta R.T.: -0.062 min
Response: 961452
Conc: 9.12 ug/ml m



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

R.T.: 18.565 min
Delta R.T.: -0.023 min
Response: 327320
Conc: 2.69 ug/ml

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