

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101524AR\
 Data File : FF014686.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 14:02
 Operator : YP\AJ
 Sample : P4368-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 63 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 02:25:36 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	7288417	67.973 ug/ml
Spiked Amount 50.000		Recovery =	135.95%
6) S 2-Fluorobiphenyl (SURR)	8.726	4037389	65.341 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	130.68%#
11) S ortho-Terphenyl (SURR)	11.788	7244225	52.914 ug/ml
Spiked Amount 50.000		Recovery =	105.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.472	272312	2.071 ug/ml
2) T Naphthalene (C11.7)	6.142	297949	2.317 ug/mlm
3) T 2-Methylnaphthalene (...)	7.240	297395	2.362 ug/mlm
5) T Acenaphthylene (C15.06)	8.530	329567	2.550 ug/ml
7) T Acenaphthene (C15.5)	8.825	525545	3.853 ug/ml
8) T Flouorene (C16.55)	9.623	303058	2.537 ug/mlm
9) T Phenanthrene (C19.36)	11.028	243990	2.118 ug/ml
10) T Anthracene (C19.43)	11.109	290479	2.457 ug/ml
12) T Fluoranthene (C21.85)	12.844	307623	2.515 ug/ml
13) T Pyrene (C20.8)	13.135	299686	2.414 ug/mlm
14) T Benzo[a]anthracene (C...	15.039	113283	1.284 ug/mlm
15) T Chrysene (C27.41)	15.079	453737	3.158 ug/ml
16) T benzo[b]fluoranthene ...	16.590	143018	1.480 ug/ml
17) T Bnezo[k]fluoranthene ...	16.626	385768	2.839 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.985	145446	1.327 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.375	137071	2.138 ug/mlm
20) T Dibenz[a,h]anthracene...	18.456	78778	0.747 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.591	193204	1.590 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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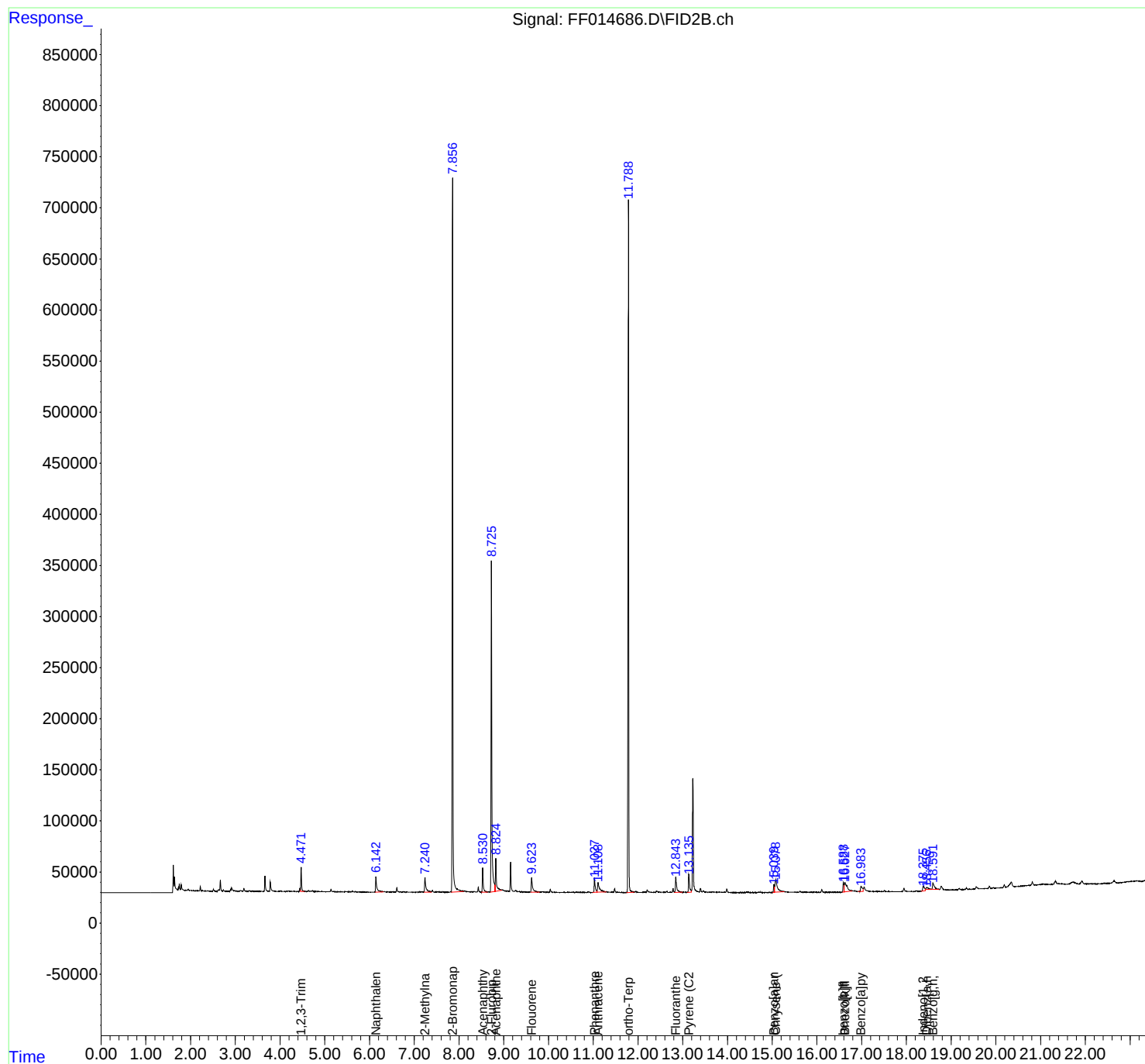
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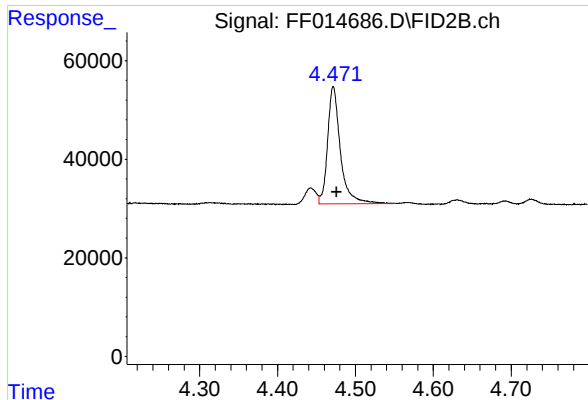
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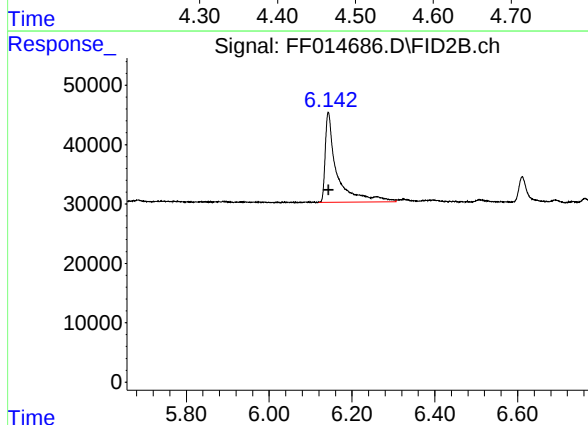
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.472 min
Delta R.T.: -0.004 min
Response: 272312
Conc: 2.07 ug/ml

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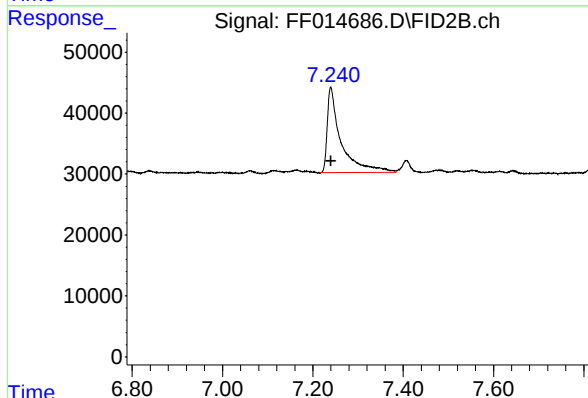
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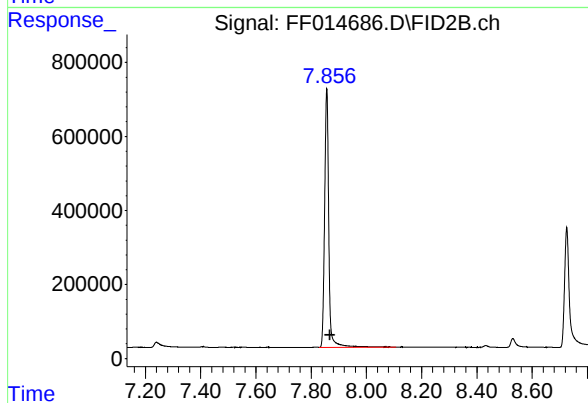
#2 Naphthalene (C11.7)

R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 297949
Conc: 2.32 ug/ml m



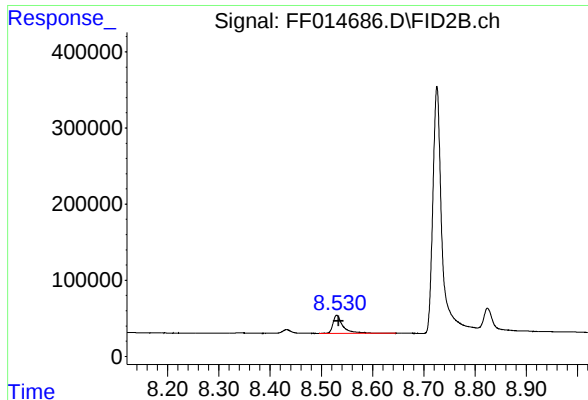
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 297395
Conc: 2.36 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.856 min
Delta R.T.: -0.012 min
Response: 7288417
Conc: 67.97 ug/ml



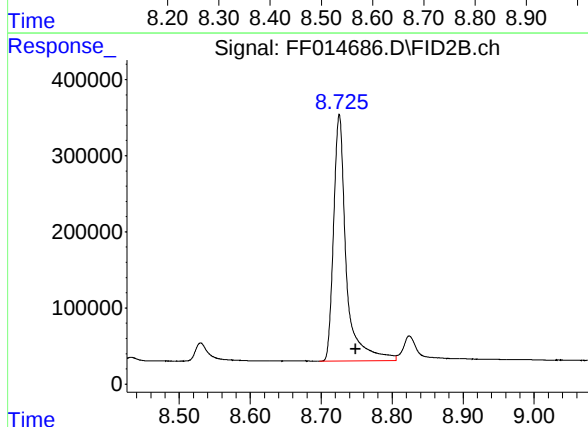
#5 Acenaphthylene (C15.06)

R.T.: 8.530 min
Delta R.T.: -0.003 min
Response: 329567
Conc: 2.55 ug/ml

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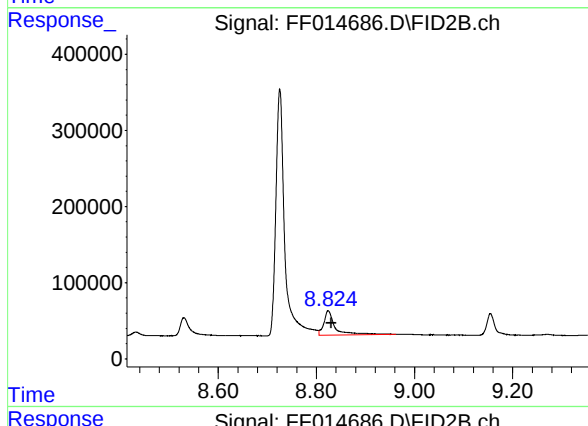
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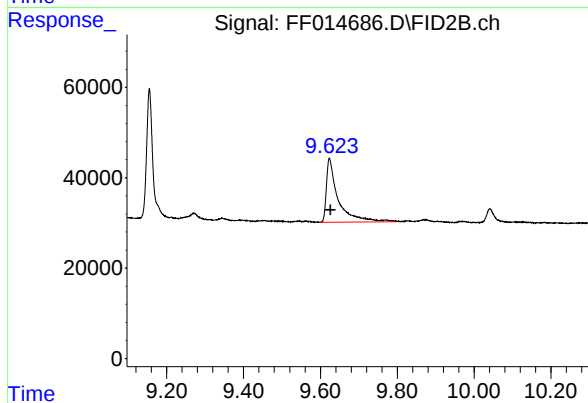
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.726 min
Delta R.T.: -0.023 min
Response: 4037389
Conc: 65.34 ug/ml



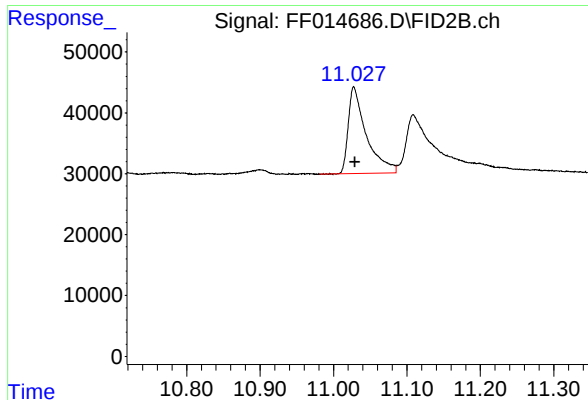
#7 Acenaphthene (C15.5)

R.T.: 8.825 min
Delta R.T.: -0.006 min
Response: 525545
Conc: 3.85 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.623 min
Delta R.T.: -0.004 min
Response: 303058
Conc: 2.54 ug/ml m



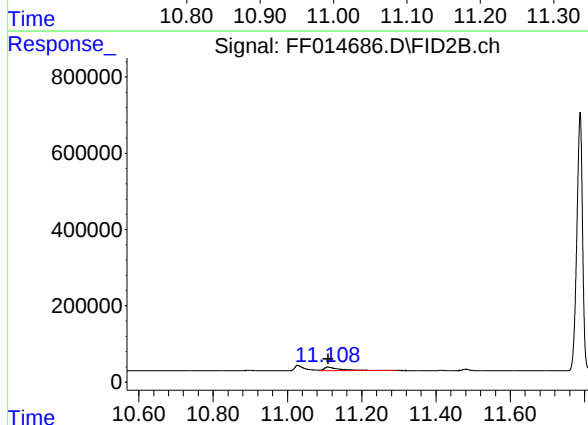
#9 Phenanthrene (C19.36)

R.T.: 11.028 min
Delta R.T.: 0.000 min
Response: 243990
Conc: 2.12 ug/ml

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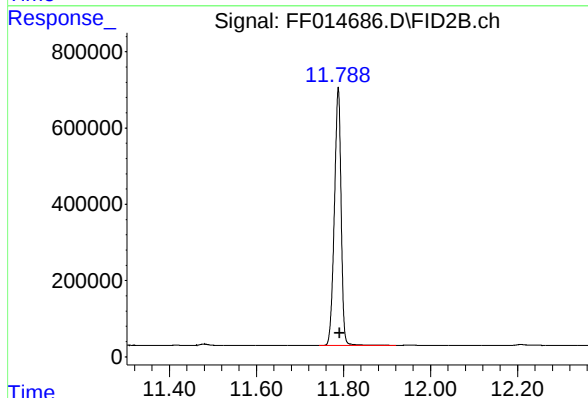
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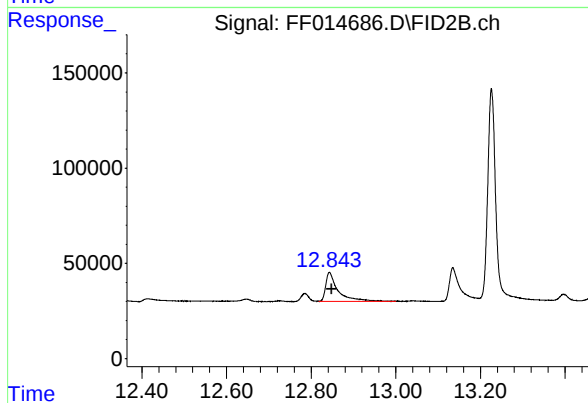
#10 Anthracene (C19.43)

R.T.: 11.109 min
Delta R.T.: 0.000 min
Response: 290479
Conc: 2.46 ug/ml



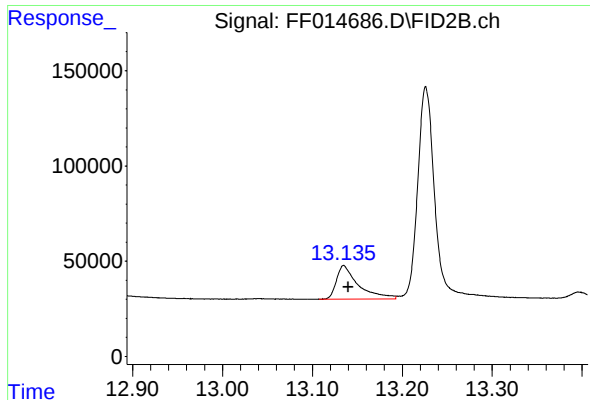
#11 ortho-Terphenyl (SURRE)

R.T.: 11.788 min
Delta R.T.: -0.003 min
Response: 7244225
Conc: 52.91 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.844 min
Delta R.T.: -0.005 min
Response: 307623
Conc: 2.51 ug/ml



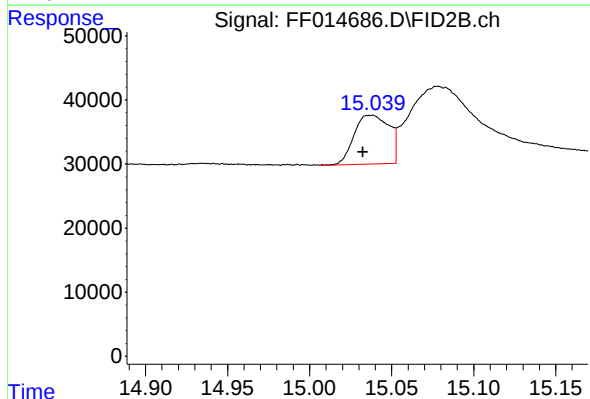
#13 Pyrene (C20.8)

R.T.: 13.135 min
Delta R.T.: -0.005 min
Response: 299686
Conc: 2.41 ug/ml

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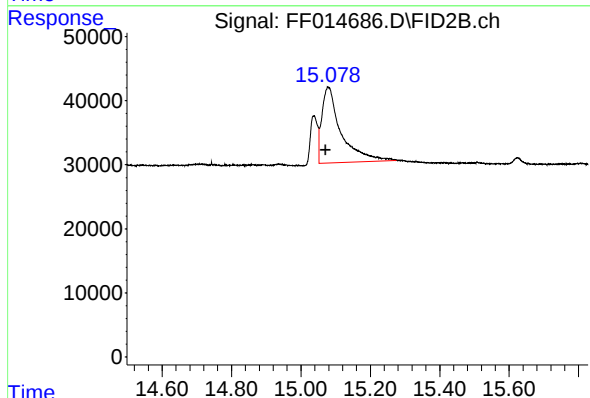
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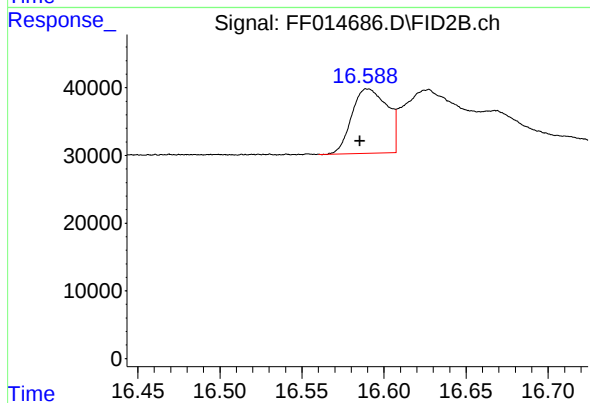
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.039 min
Delta R.T.: 0.006 min
Response: 113283
Conc: 1.28 ug/ml m



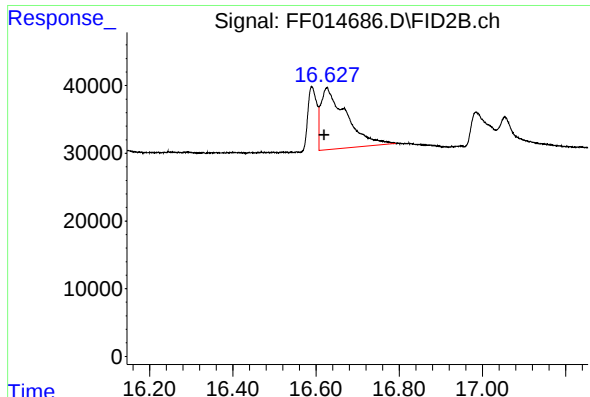
#15 Chrysene (C27.41)

R.T.: 15.079 min
Delta R.T.: 0.007 min
Response: 453737
Conc: 3.16 ug/ml



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

R.T.: 16.590 min
Delta R.T.: 0.005 min
Response: 143018
Conc: 1.48 ug/ml



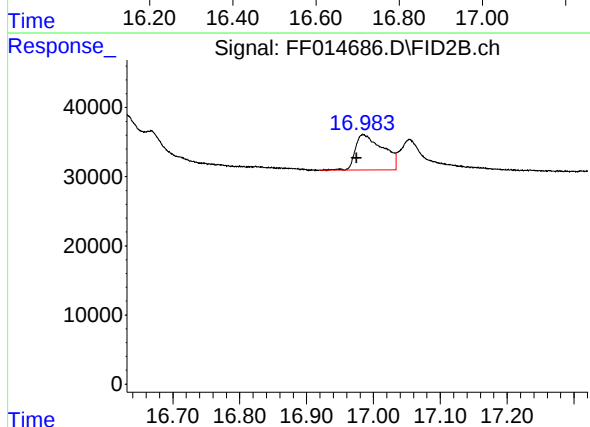
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.626 min
Delta R.T.: 0.007 min
Response: 385768
Conc: 2.84 ug/ml

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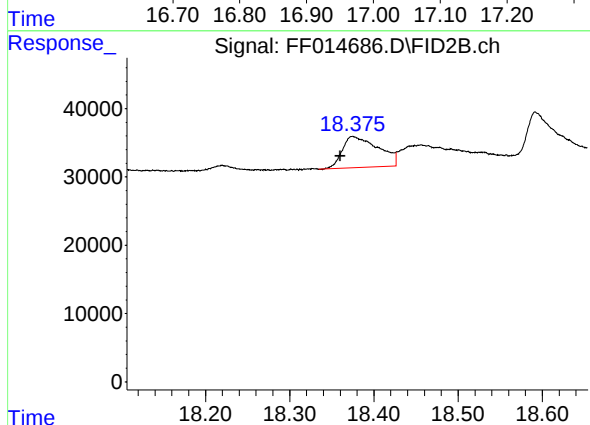
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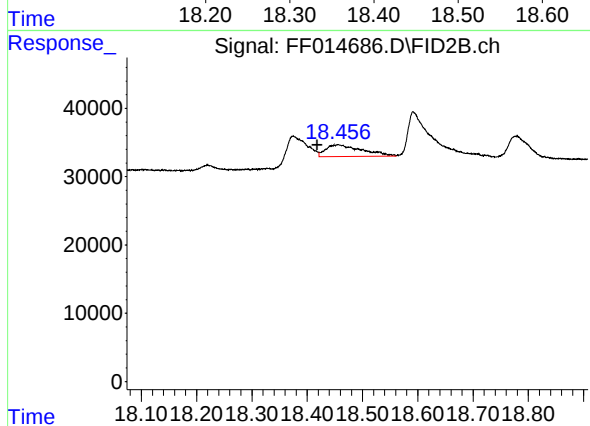
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.985 min
Delta R.T.: 0.011 min
Response: 145446
Conc: 1.33 ug/ml



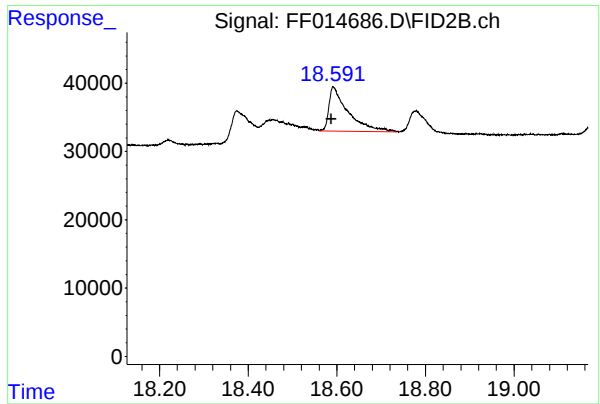
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.375 min
Delta R.T.: 0.015 min
Response: 137071
Conc: 2.14 ug/ml m



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

R.T.: 18.456 min
Delta R.T.: 0.038 min
Response: 78778
Conc: 0.75 ug/ml m



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

R.T.: 18.591 min
Delta R.T.: 0.004 min
Response: 193204
Conc: 1.59 ug/ml

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