

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014248.D
 Signal(s) : FID2B.ch
 Acq On : 15 May 2024 02:51
 Operator : YP\AJ
 Sample : P2403-03
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 15 06:37:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:31:50 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...	7.902	5151882	49.095 ug/ml
Spiked Amount 50.000		Recovery =	98.19%
6) S 2-Fluorobiphenyl (SURR)	8.774	2915434	48.175 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.35%
11) S ortho-Terphenyl (SURR)	11.837	5458576	38.672 ug/ml
Spiked Amount 50.000		Recovery =	77.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.518	203971	1.685 ug/ml
2) T Naphthalene (C11.7)	6.183	190125	1.624 ug/mlm
3) T 2-Methylnaphthalene (...)	7.279	191515	1.719 ug/ml
5) T Acenaphthylene (C15.06)	8.573	208911	1.861 ug/mlm
7) T Acenaphthene (C15.5)	8.871	397218	3.140 ug/ml
8) T Flouorene (C16.55)	9.664	189811	1.783 ug/ml
9) T Phenanthrene (C19.36)	11.067	153504	1.482 ug/mlm
10) T Anthracene (C19.43)	11.146	147874	1.623 ug/mlm
12) T Fluoranthene (C21.85)	12.886	202962	1.783 ug/ml
13) T Pyrene (C20.8)	13.181	203586	1.823 ug/mlm
14) T Benzo[a]anthracene (C...	15.080	68113	0.899 ug/ml
15) T Chrysene (C27.41)	15.122	253933	2.309 ug/ml
16) T benzo[b]fluoranthene ...	16.632	111514	1.111 ug/ml
17) T Bnezo[k]fluoranthene ...	16.665	240997	2.037 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.022	126603	1.206 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.412	100401	1.129 ug/mlm
20) T Dibenz[a,h]anthracene...	18.446	109836	1.033 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.637	181355	1.473 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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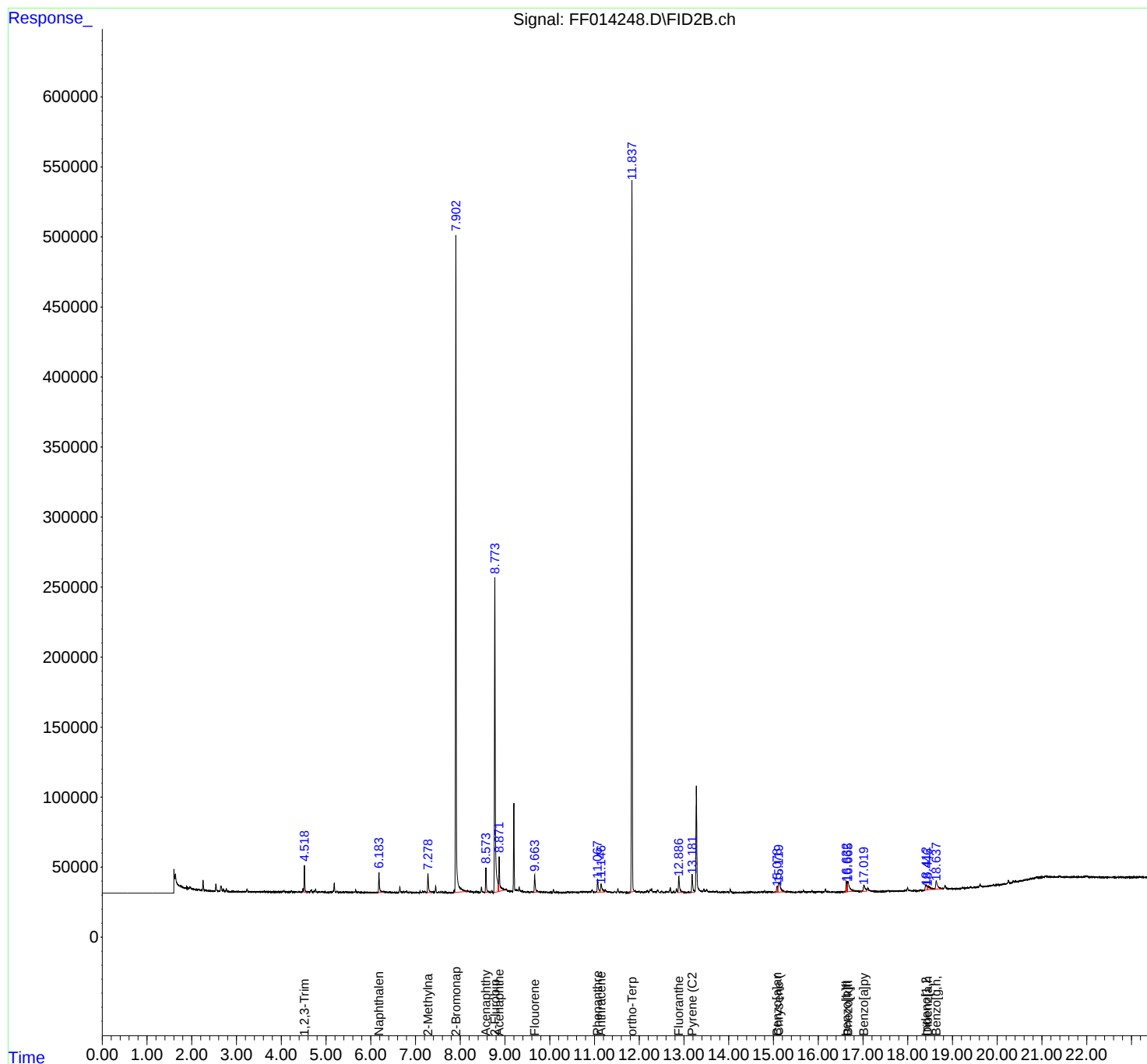
Instrument :
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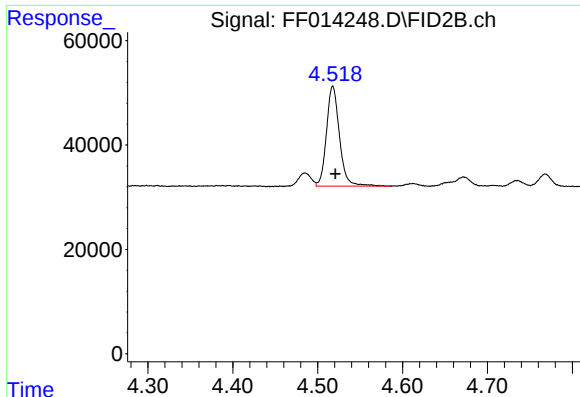
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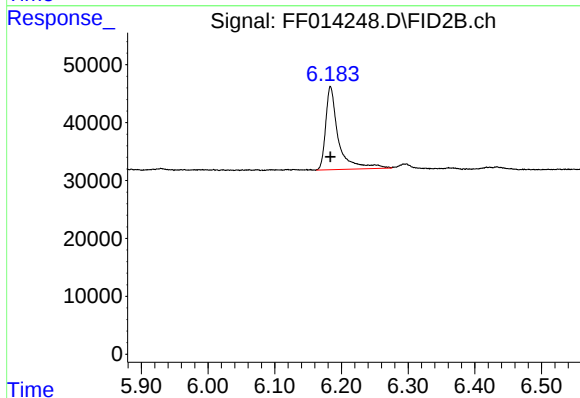
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 203971
Conc: 1.68 ug/ml

Instrument :
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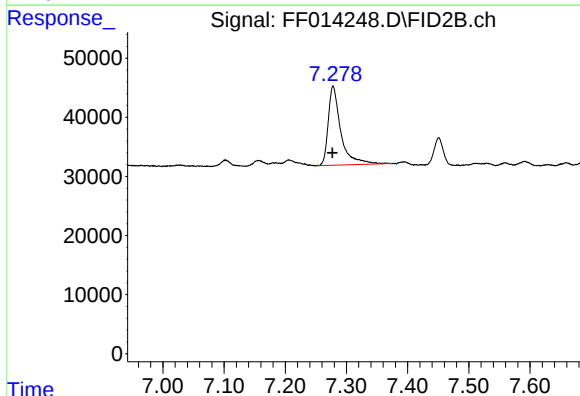
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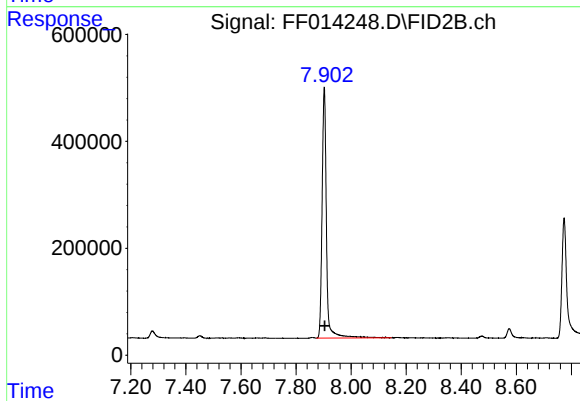
#2 Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 190125
Conc: 1.62 ug/ml m



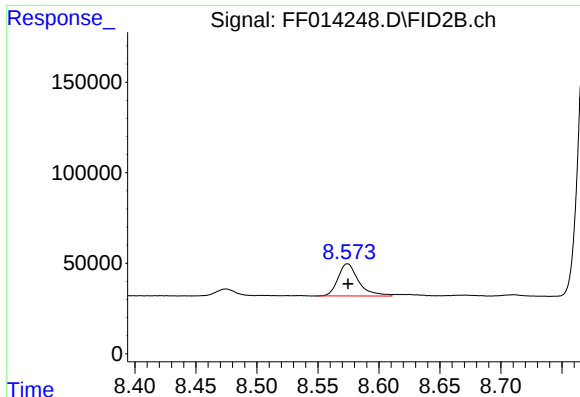
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.279 min
Delta R.T.: 0.001 min
Response: 191515
Conc: 1.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 5151882
Conc: 49.09 ug/ml



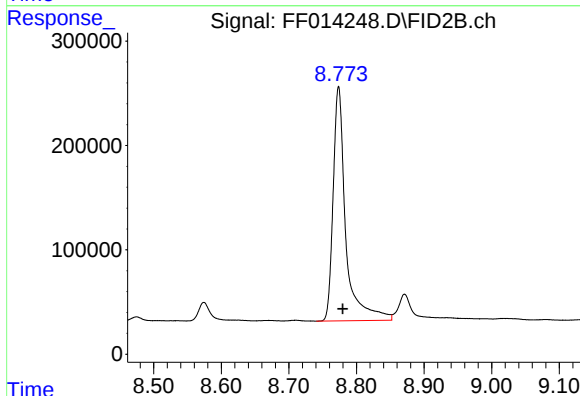
#5 Acenaphthylene (C15.06)

R.T.: 8.573 min
Delta R.T.: -0.001 min
Response: 208911
Conc: 1.86 ug/ml

Instrument : FID_F
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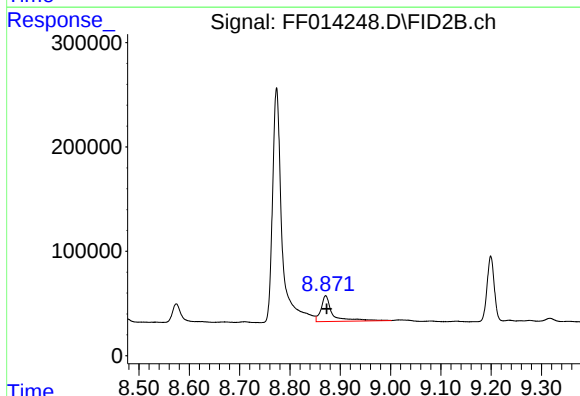
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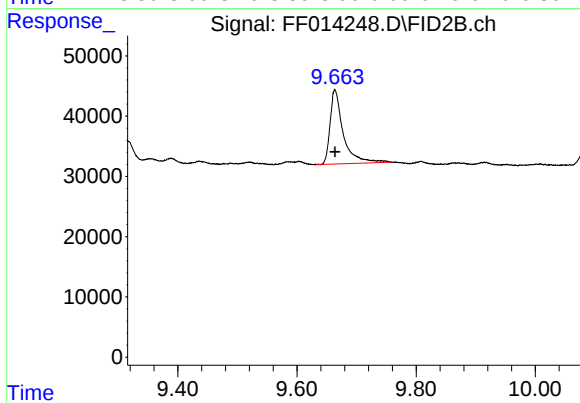
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.774 min
Delta R.T.: -0.006 min
Response: 2915434
Conc: 48.17 ug/ml



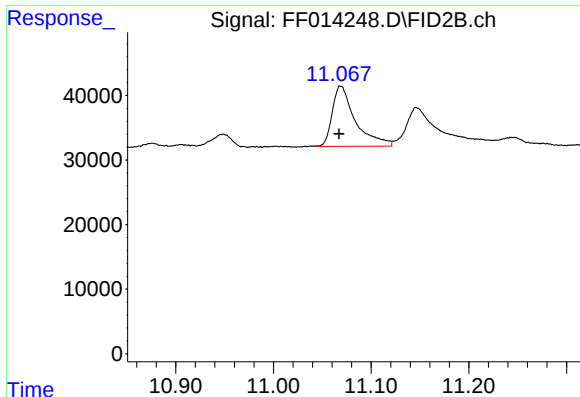
#7 Acenaphthene (C15.5)

R.T.: 8.871 min
Delta R.T.: -0.002 min
Response: 397218
Conc: 3.14 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.664 min
Delta R.T.: 0.000 min
Response: 189811
Conc: 1.78 ug/ml



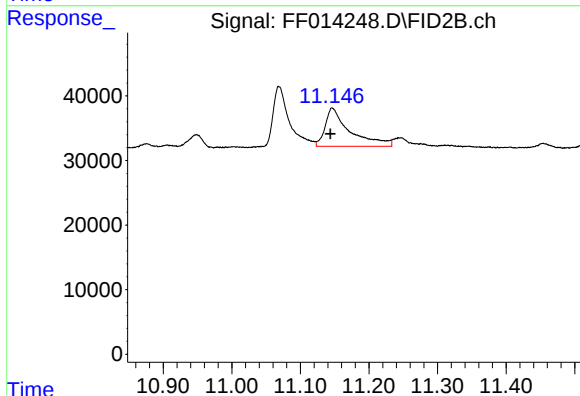
#9 Phenanthrene (C19.36)

R.T.: 11.067 min
Delta R.T.: 0.000 min
Response: 153504
Conc: 1.48 ug/ml

Instrument :
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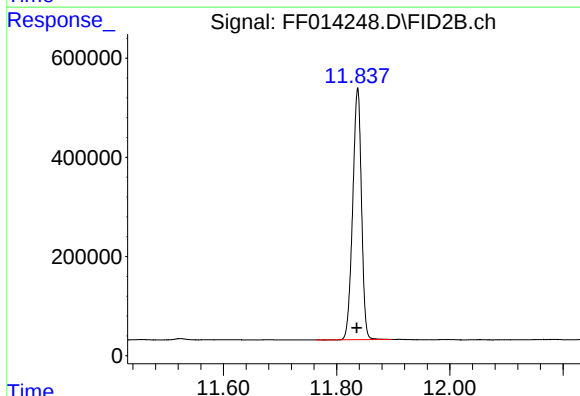
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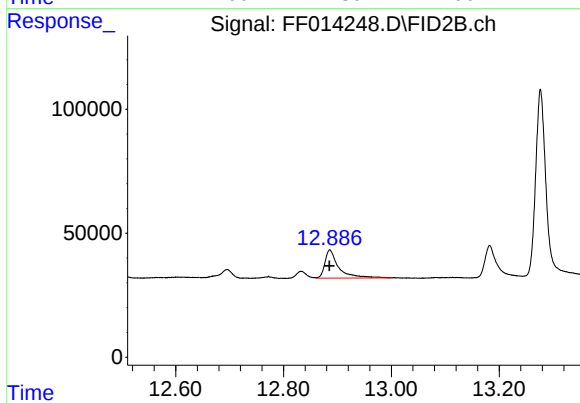
#10 Anthracene (C19.43)

R.T.: 11.146 min
Delta R.T.: 0.002 min
Response: 147874
Conc: 1.62 ug/ml m



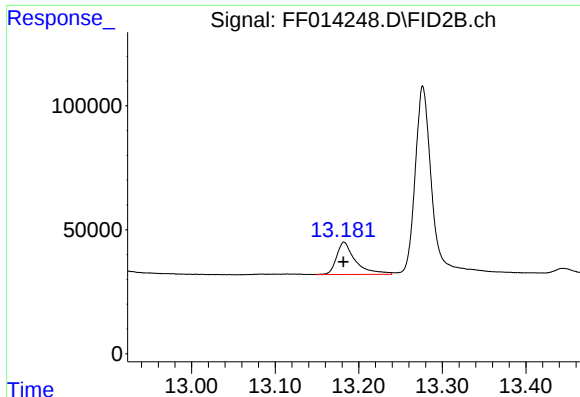
#11 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: 0.001 min
Response: 5458576
Conc: 38.67 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.886 min
Delta R.T.: 0.001 min
Response: 202962
Conc: 1.78 ug/ml



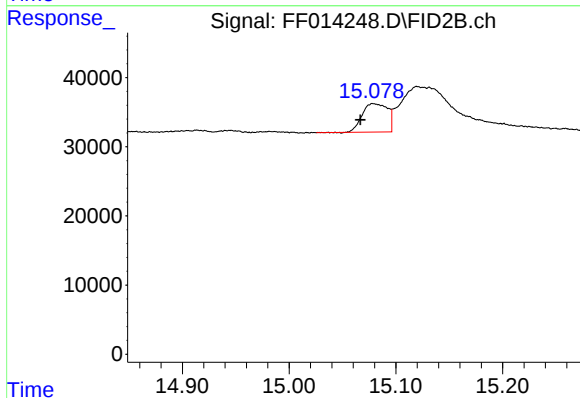
#13 Pyrene (C20.8)

R.T.: 13.181 min
Delta R.T.: 0.000 min
Response: 203586
Conc: 1.82 ug/ml

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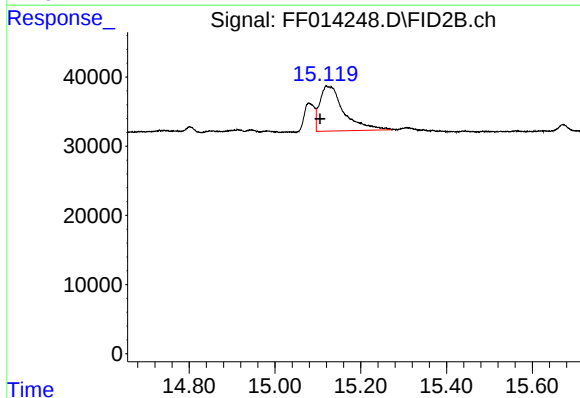
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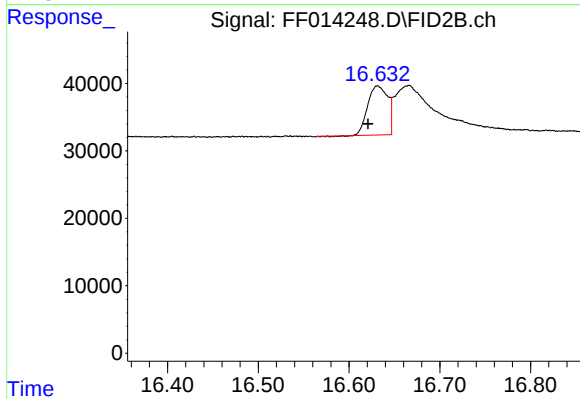
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.080 min
Delta R.T.: 0.013 min
Response: 68113
Conc: 0.90 ug/ml



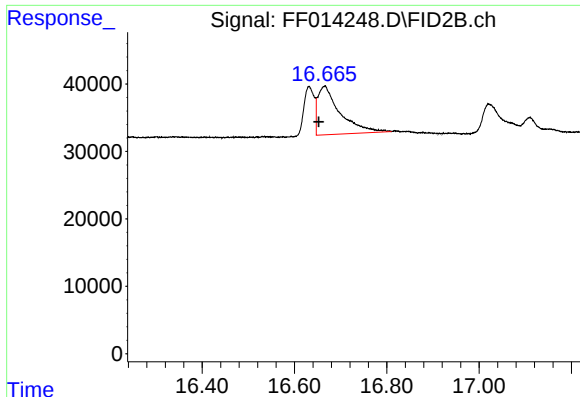
#15 Chrysene (C27.41)

R.T.: 15.122 min
Delta R.T.: 0.016 min
Response: 253933
Conc: 2.31 ug/ml



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

R.T.: 16.632 min
Delta R.T.: 0.011 min
Response: 111514
Conc: 1.11 ug/ml



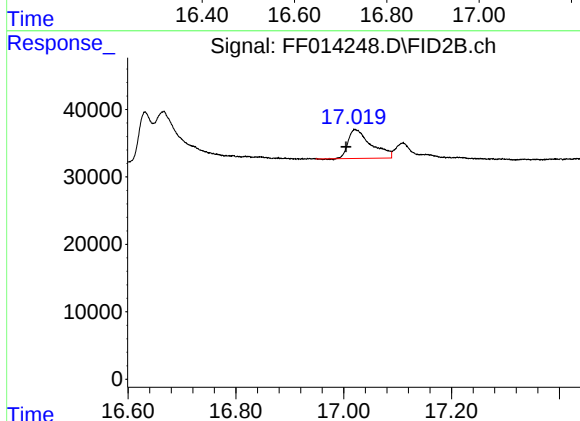
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.665 min
Delta R.T.: 0.013 min
Response: 240997
Conc: 2.04 ug/ml

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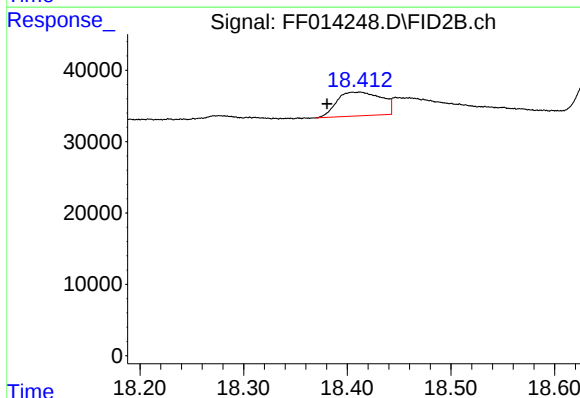
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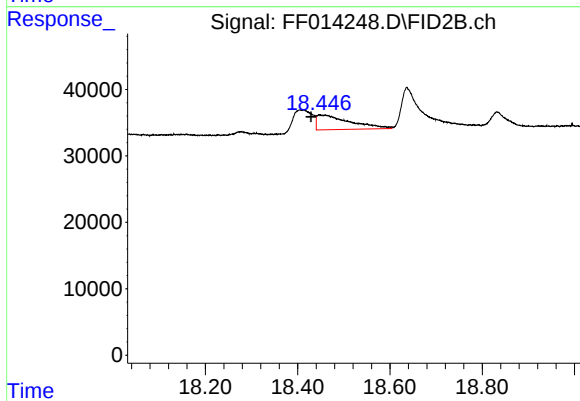
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.022 min
Delta R.T.: 0.017 min
Response: 126603
Conc: 1.21 ug/ml



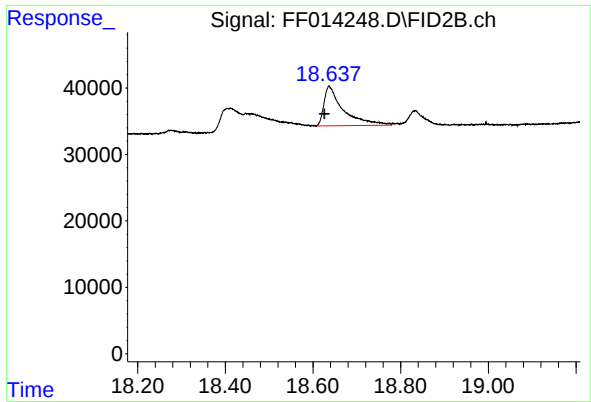
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.412 min
Delta R.T.: 0.032 min
Response: 100401
Conc: 1.13 ug/ml m



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

R.T.: 18.446 min
Delta R.T.: 0.017 min
Response: 109836
Conc: 1.03 ug/ml m



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

R.T.: 18.637 min
Delta R.T.: 0.011 min
Response: 181355
Conc: 1.47 ug/ml

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