

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AR\
 Data File : FD043136.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2022 23:05
 Operator : YP/AJ
 Sample : N3214-03
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2022
 Supervised By :Ankita Jodhani 07/01/2022

Integration File: autoint1.e
 Quant Time: Jul 01 04:04:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.629	5734016	37.135 ug/ml
Spiked Amount 50.000		Recovery =	74.27%
6) S 2-Fluorobiphenyl (SURR)	8.492	3901378	36.989 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.98%
11) S ortho-Terphenyl (SURR)	11.537	5721475	31.480 ug/ml
Spiked Amount 50.000		Recovery =	62.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.426	128103	0.763 ug/ml
2) T Naphthalene (C11.7)	5.966	147665	0.843 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	170696	1.061 ug/ml
5) T Acenaphthylene (C15.06)	8.292	162894	0.916 ug/ml
7) T Acenaphthene (C15.5)	8.588	172394	0.984 ug/ml
8) T Flouorene (C16.55)	9.371	145155	0.837 ug/ml
9) T Phenanthrene (C19.36)	10.767	130793	0.763 ug/ml
10) T Anthracene (C19.43)	10.842	123504	0.727 ug/ml
12) T Fluoranthene (C21.85)	12.577	144164	0.860 ug/ml
13) T Pyrene (C20.8)	12.874	136569	0.838 ug/mlm
14) T Benzo[a]anthracene (C...	14.746	119197	0.768 ug/mlm
15) T Chrysene (C27.41)	14.789	182109	1.154 ug/ml
16) T benzo[b]fluoranthene ...	16.294	118412	0.777 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.325	141721	0.968 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.675	116523	0.815 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	112803	0.901 ug/mlm
20) T Dibenz[a,h]anthracene...	18.082	155230	1.155 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	119680	0.918 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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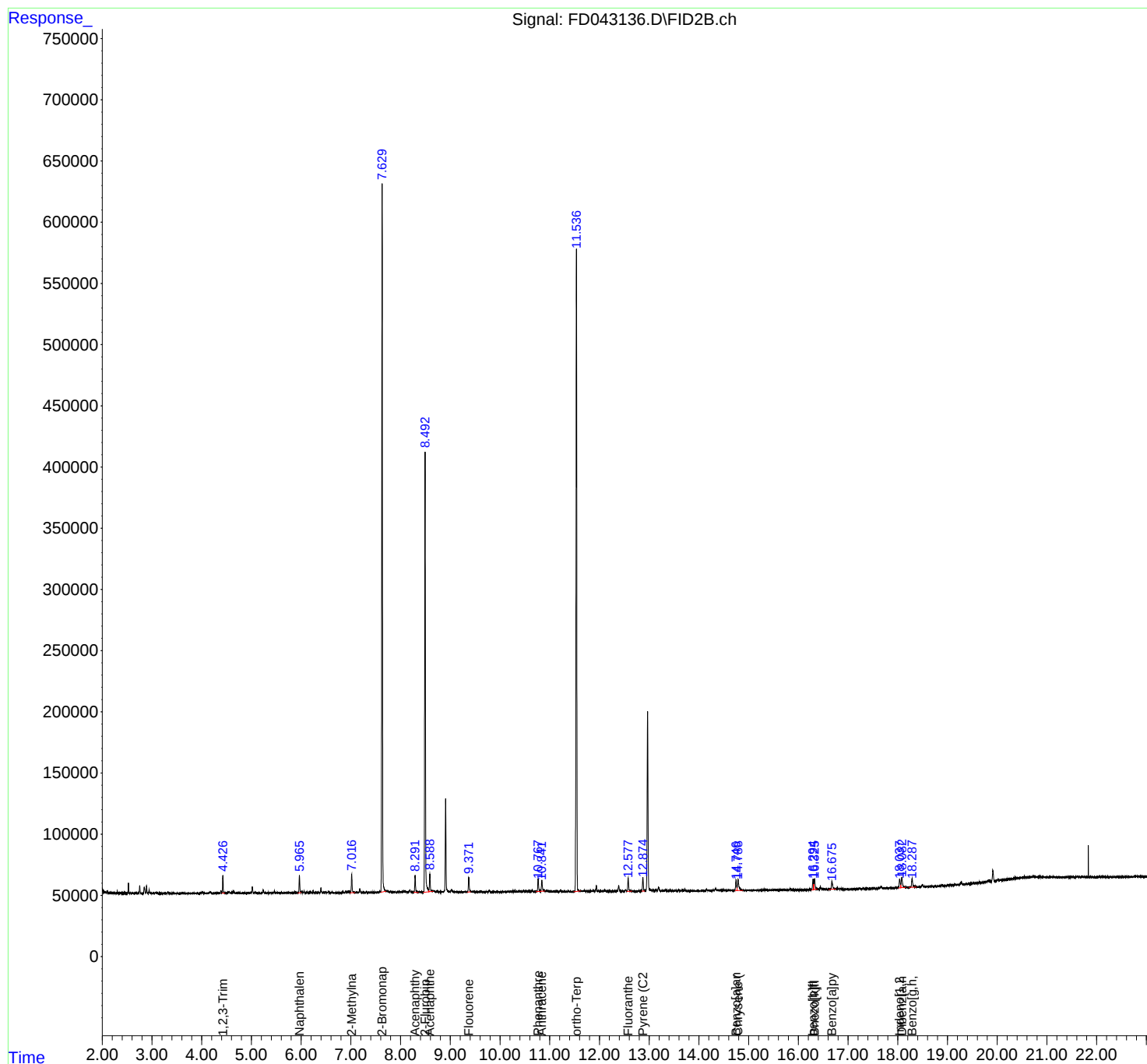
Instrument :
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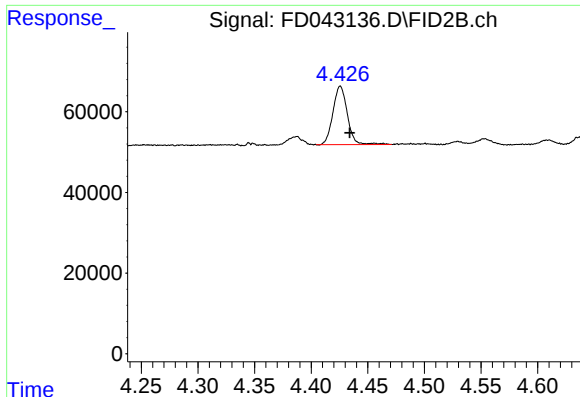
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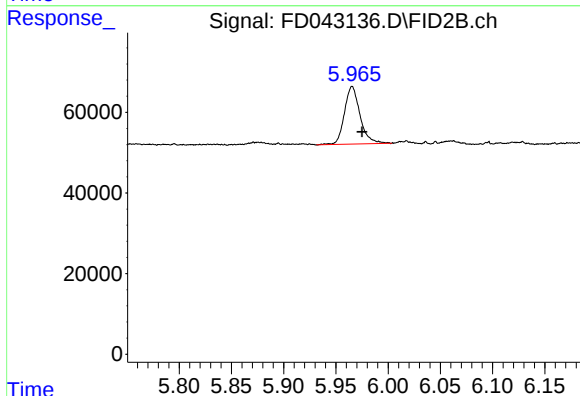
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.426 min
Delta R.T.: -0.008 min
Response: 128103
Conc: 0.76 ug/ml

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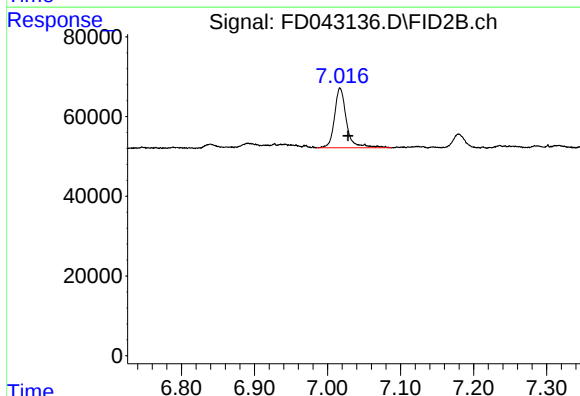
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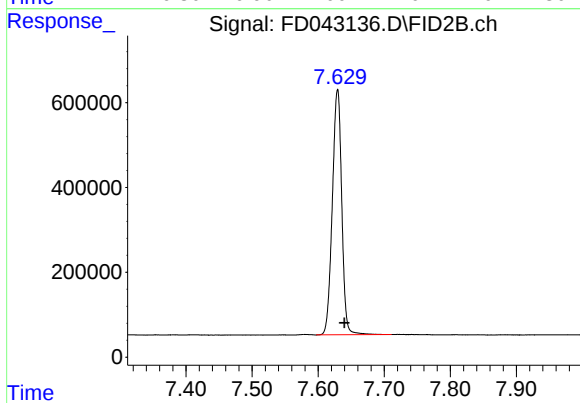
#2 Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.010 min
Response: 147665
Conc: 0.84 ug/ml



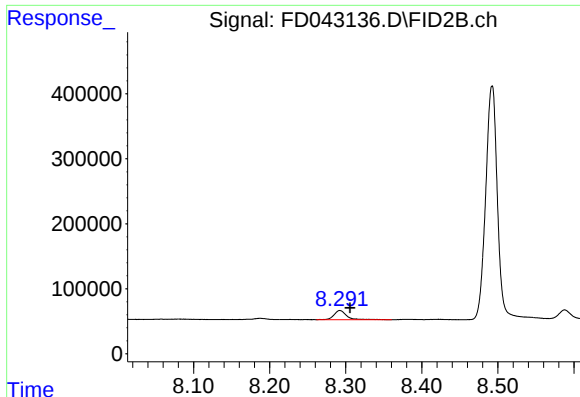
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.011 min
Response: 170696
Conc: 1.06 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.629 min
Delta R.T.: -0.010 min
Response: 5734016
Conc: 37.14 ug/ml



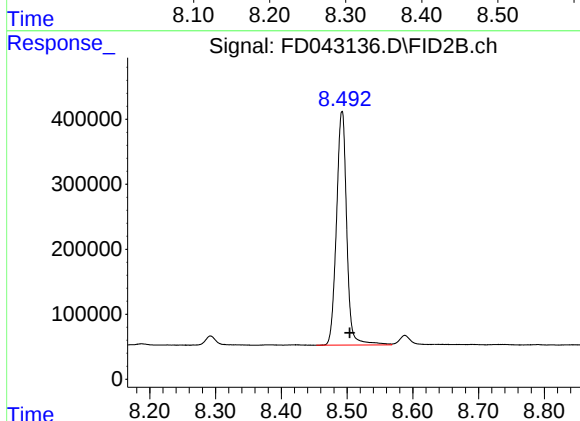
#5 Acenaphthylene (C15.06)

R.T.: 8.292 min
Delta R.T.: -0.013 min
Response: 162894
Conc: 0.92 ug/ml

Instrument :
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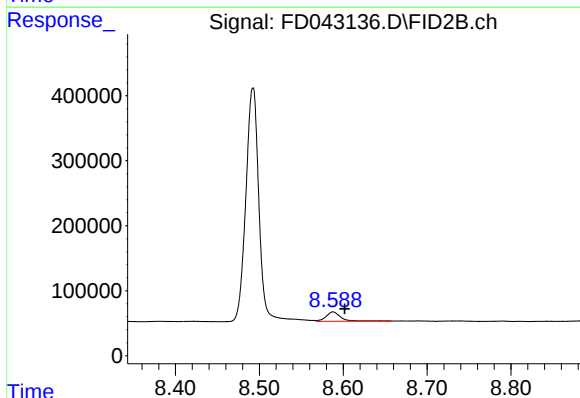
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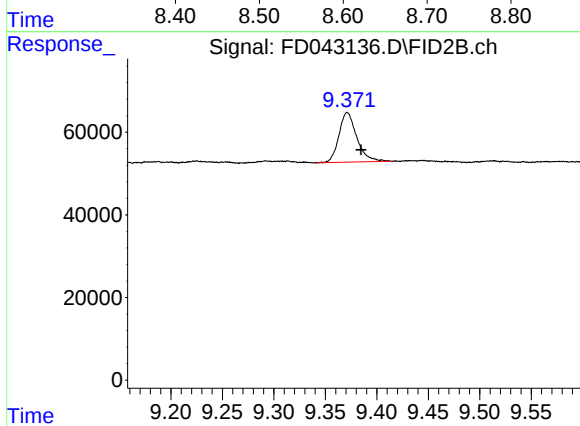
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.492 min
Delta R.T.: -0.012 min
Response: 3901378
Conc: 36.99 ug/ml



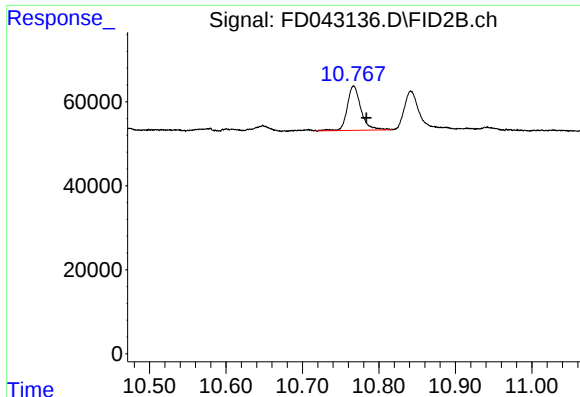
#7 Acenaphthene (C15.5)

R.T.: 8.588 min
Delta R.T.: -0.014 min
Response: 172394
Conc: 0.98 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.371 min
Delta R.T.: -0.013 min
Response: 145155
Conc: 0.84 ug/ml



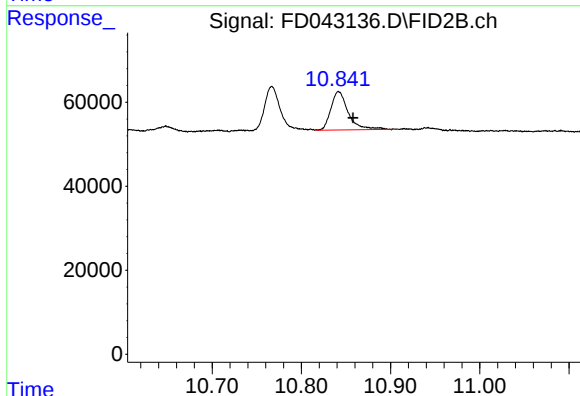
#9 Phenanthrene (C19.36)

R.T.: 10.767 min
Delta R.T.: -0.017 min
Response: 130793
Conc: 0.76 ug/ml

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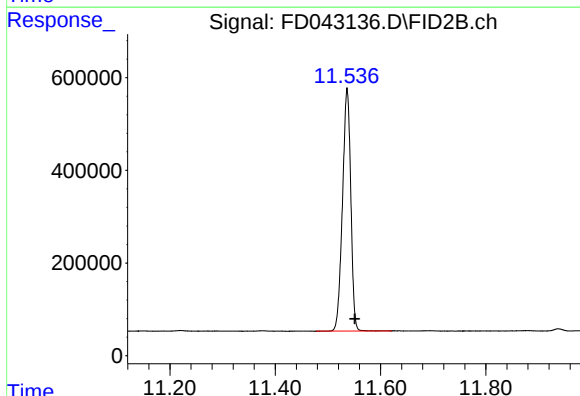
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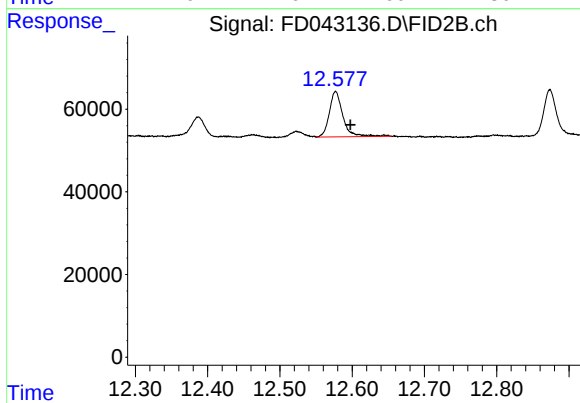
#10 Anthracene (C19.43)

R.T.: 10.842 min
Delta R.T.: -0.016 min
Response: 123504
Conc: 0.73 ug/ml



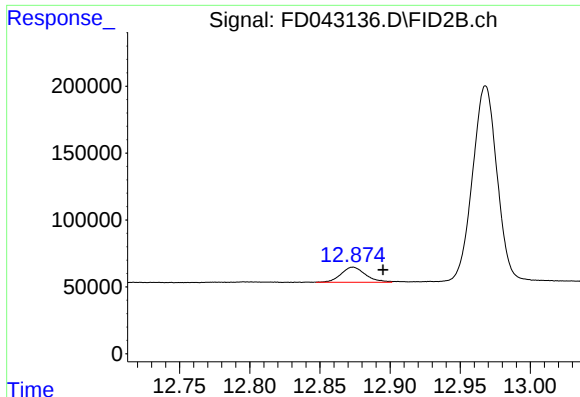
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.015 min
Response: 5721475
Conc: 31.48 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.577 min
Delta R.T.: -0.020 min
Response: 144164
Conc: 0.86 ug/ml



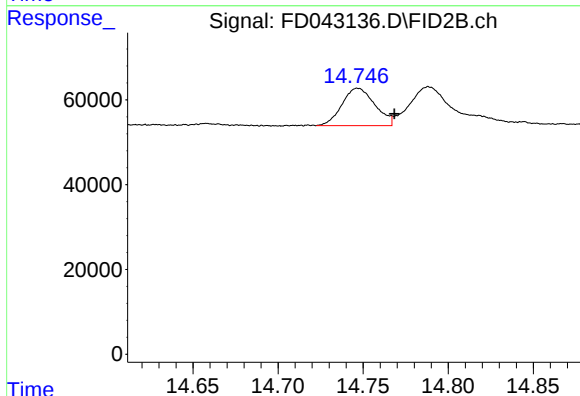
#13 Pyrene (C20.8)

R.T.: 12.874 min
Delta R.T.: -0.021 min
Response: 136569
Conc: 0.84 ug/ml

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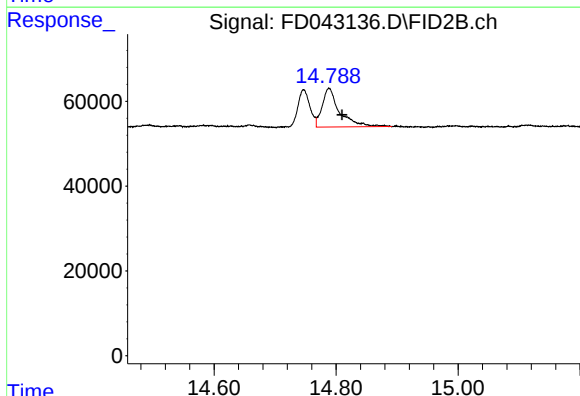
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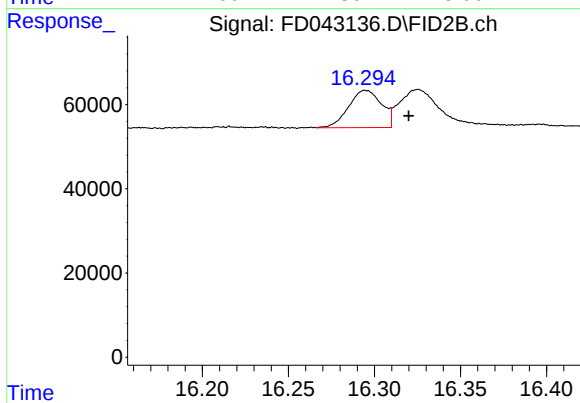
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.746 min
Delta R.T.: -0.022 min
Response: 119197
Conc: 0.77 ug/ml m



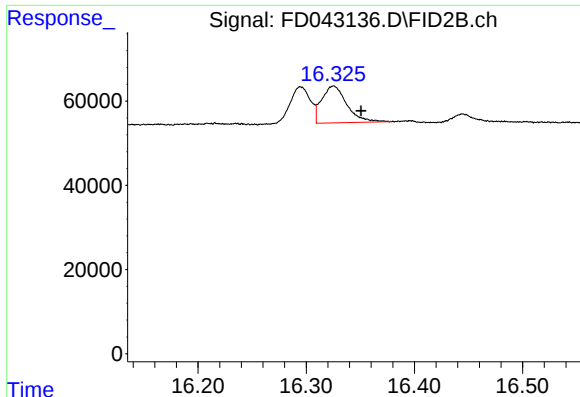
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: -0.021 min
Response: 182109
Conc: 1.15 ug/ml



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

R.T.: 16.294 min
Delta R.T.: -0.026 min
Response: 118412
Conc: 0.78 ug/ml m



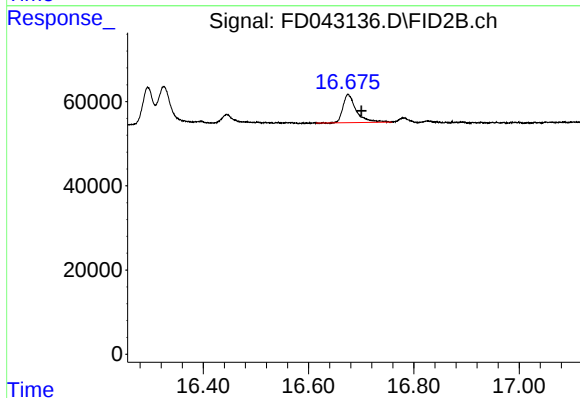
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.325 min
Delta R.T.: -0.025 min
Response: 141721
Conc: 0.97 ug/ml

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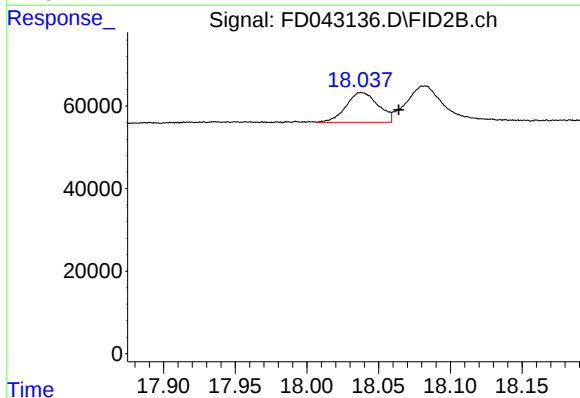
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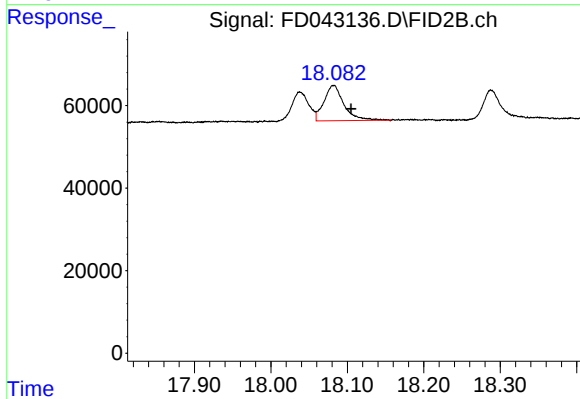
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: -0.025 min
Response: 116523
Conc: 0.81 ug/ml



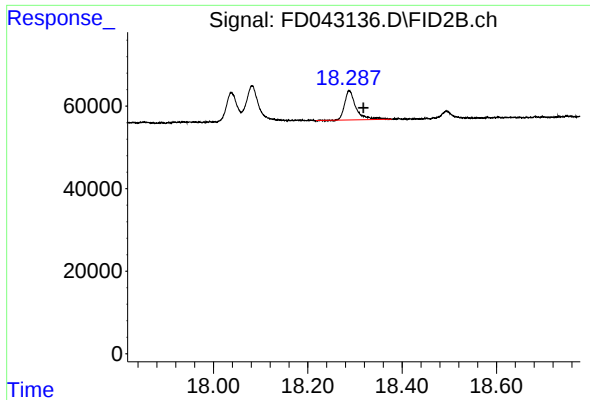
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min
Delta R.T.: -0.027 min
Response: 112803
Conc: 0.90 ug/ml m



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

R.T.: 18.082 min
Delta R.T.: -0.023 min
Response: 155230
Conc: 1.15 ug/ml



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

R.T.: 18.288 min
Delta R.T.: -0.030 min
Response: 119680
Conc: 0.92 ug/ml

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