

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AR\
 Data File : FD043131.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2022 19:08
 Operator : YP/AJ
 Sample : N3214-09
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-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 04:03:41 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...	7.630	6589318	42.674 ug/ml
Spiked Amount 50.000		Recovery =	85.35%
6) S 2-Fluorobiphenyl (SURR)	8.493	4470717	42.387 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.77%
11) S ortho-Terphenyl (SURR)	11.537	6532743	35.944 ug/ml
Spiked Amount 50.000		Recovery =	71.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.422	149724	0.891 ug/ml
2) T Naphthalene (C11.7)	5.964	165140	0.943 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	193261	1.202 ug/ml
5) T Acenaphthylene (C15.06)	8.292	191865	1.079 ug/ml
7) T Acenaphthene (C15.5)	8.588	184373	1.053 ug/ml
8) T Flouorene (C16.55)	9.372	178851	1.032 ug/ml
9) T Phenanthrene (C19.36)	10.767	149923	0.874 ug/ml
10) T Anthracene (C19.43)	10.842	142778	0.840 ug/ml
12) T Fluoranthene (C21.85)	12.576	159174	0.949 ug/mlm
13) T Pyrene (C20.8)	12.873	158739	0.974 ug/mlm
14) T Benzo[a]anthracene (C...	14.746	141968	0.914 ug/mlm
15) T Chrysene (C27.41)	14.786	219199	1.389 ug/ml
16) T benzo[b]fluoranthene ...	16.291	134360	0.881 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.323	153593	1.049 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	144625	1.011 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.034	129329	1.034 ug/mlm
20) T Dibenz[a,h]anthracene...	18.078	170669	1.270 ug/ml
21) T Benzo[g,h,i]perylene ...	18.285	145124	1.113 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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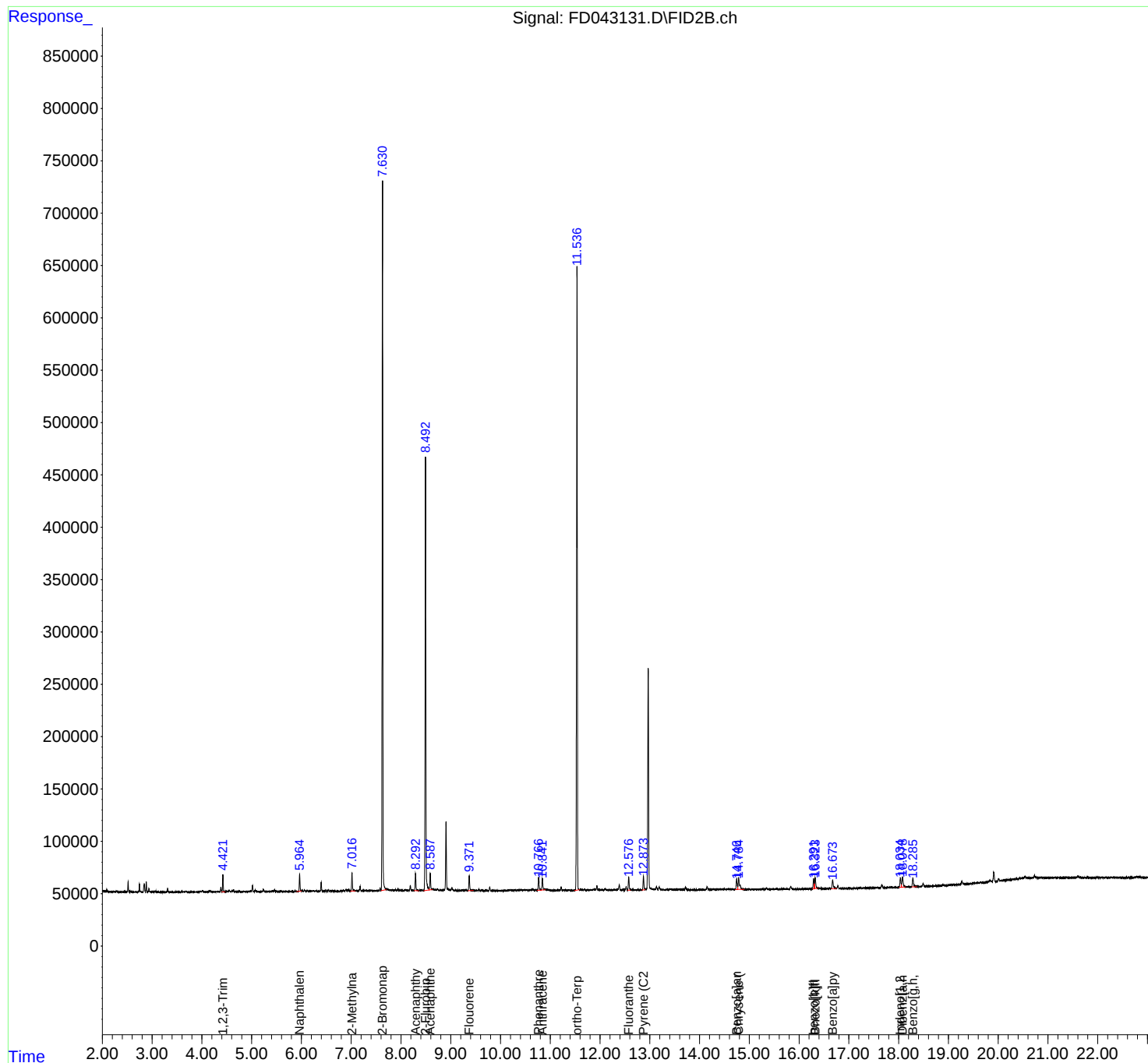
Instrument :
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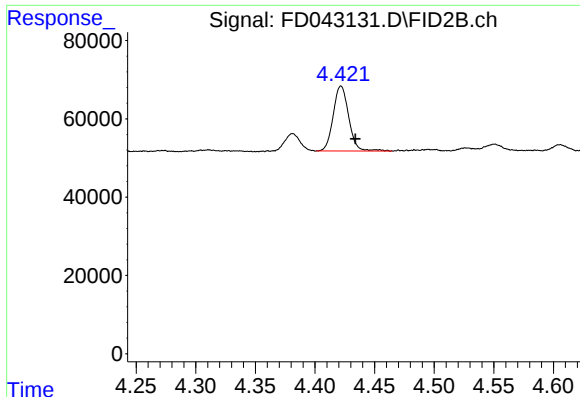
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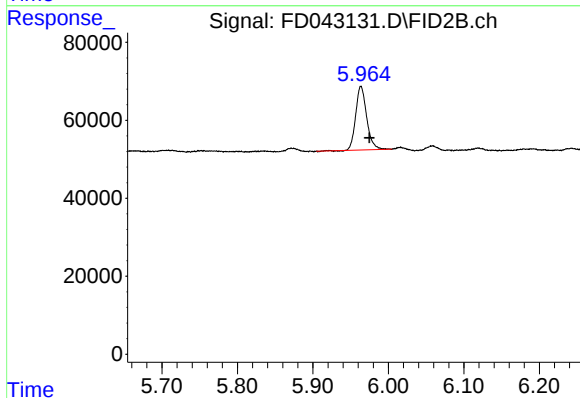
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.422 min
Delta R.T.: -0.012 min
Response: 149724
Conc: 0.89 ug/ml

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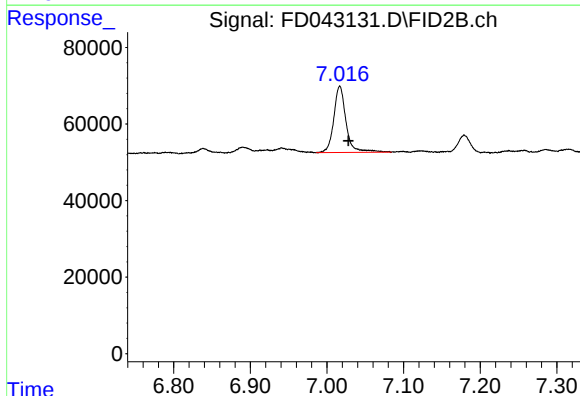
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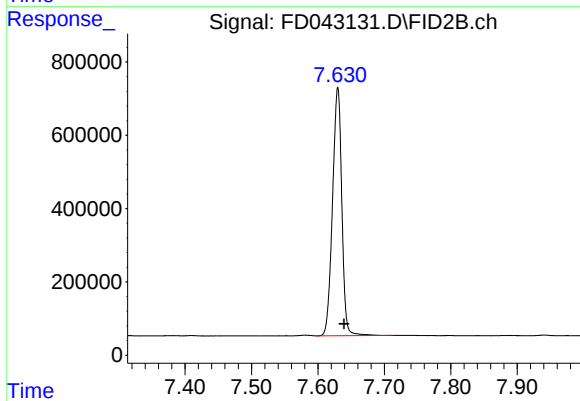
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.011 min
Response: 165140
Conc: 0.94 ug/ml



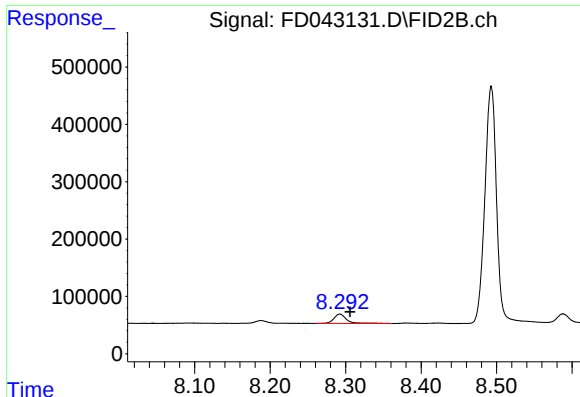
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.011 min
Response: 193261
Conc: 1.20 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.630 min
Delta R.T.: -0.010 min
Response: 6589318
Conc: 42.67 ug/ml



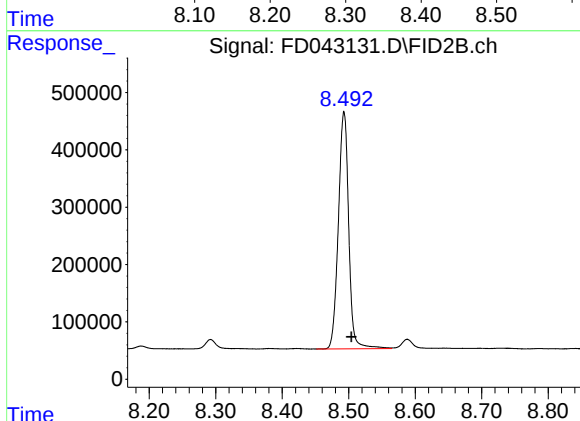
#5 Acenaphthylene (C15.06)

R.T.: 8.292 min
Delta R.T.: -0.013 min
Response: 191865
Conc: 1.08 ug/ml

Instrument :
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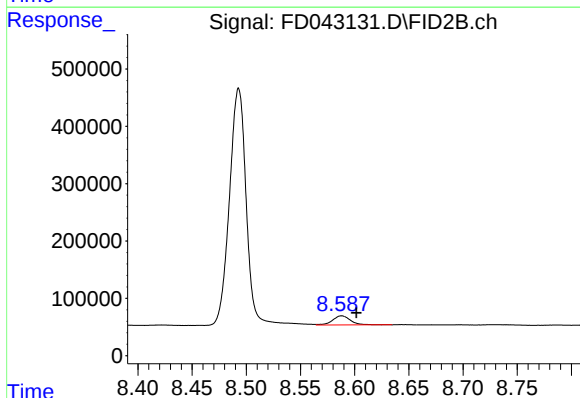
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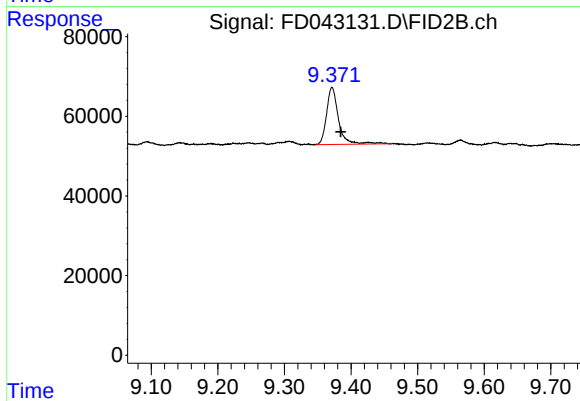
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.493 min
Delta R.T.: -0.011 min
Response: 4470717
Conc: 42.39 ug/ml



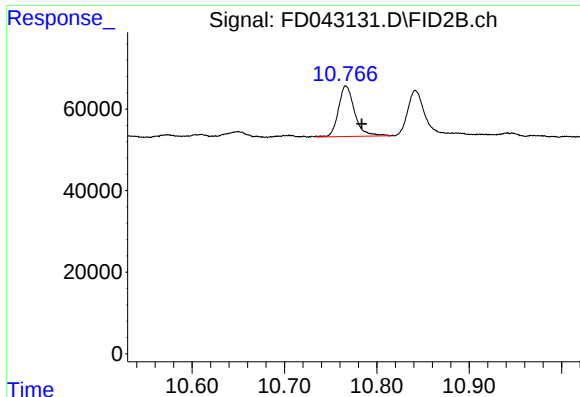
#7 Acenaphthene (C15.5)

R.T.: 8.588 min
Delta R.T.: -0.014 min
Response: 184373
Conc: 1.05 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.372 min
Delta R.T.: -0.013 min
Response: 178851
Conc: 1.03 ug/ml



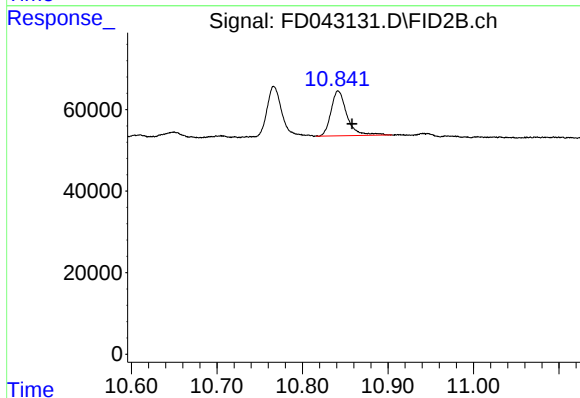
#9 Phenanthrene (C19.36)

R.T.: 10.767 min
Delta R.T.: -0.017 min
Response: 149923
Conc: 0.87 ug/ml

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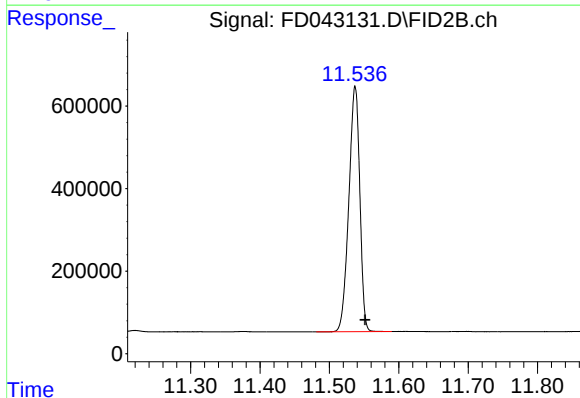
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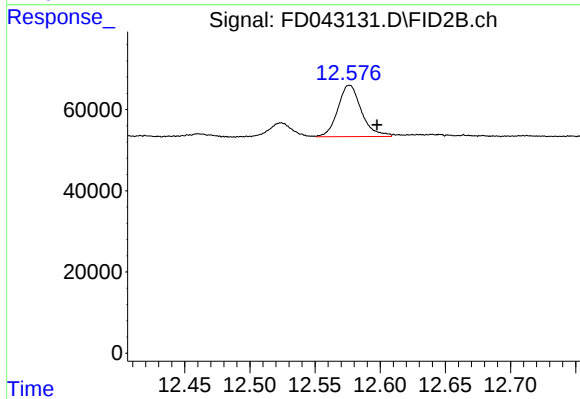
#10 Anthracene (C19.43)

R.T.: 10.842 min
Delta R.T.: -0.016 min
Response: 142778
Conc: 0.84 ug/ml



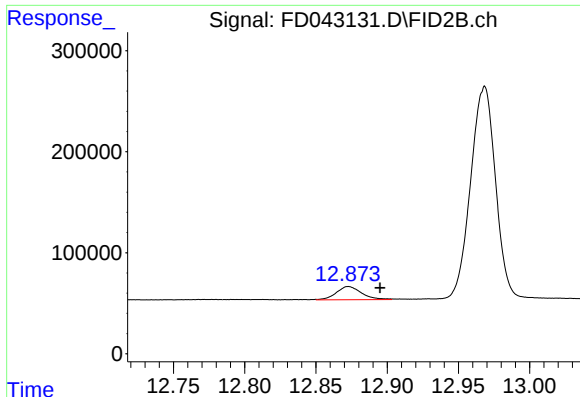
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.014 min
Response: 6532743
Conc: 35.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.576 min
Delta R.T.: -0.022 min
Response: 159174
Conc: 0.95 ug/ml m



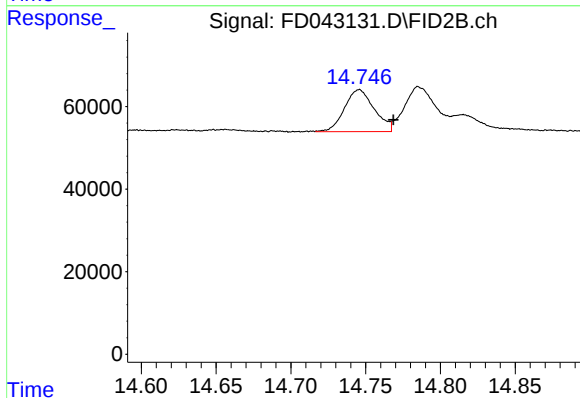
#13 Pyrene (C20.8)

R.T.: 12.873 min
Delta R.T.: -0.022 min
Response: 158739
Conc: 0.97 ug/ml

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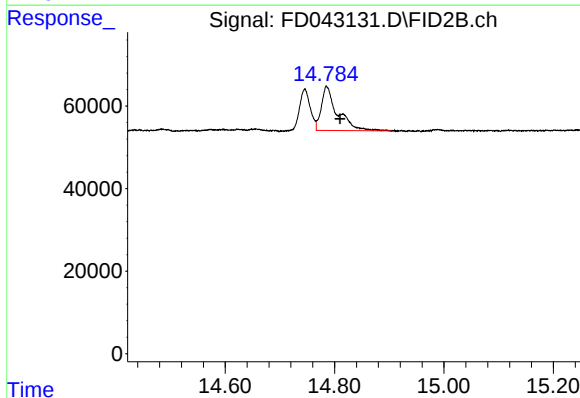
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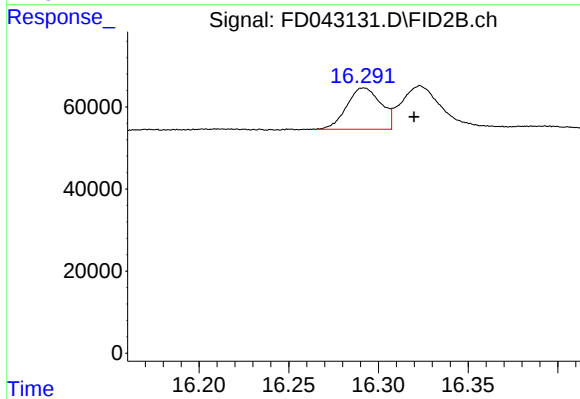
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.746 min
Delta R.T.: -0.023 min
Response: 141968
Conc: 0.91 ug/ml m



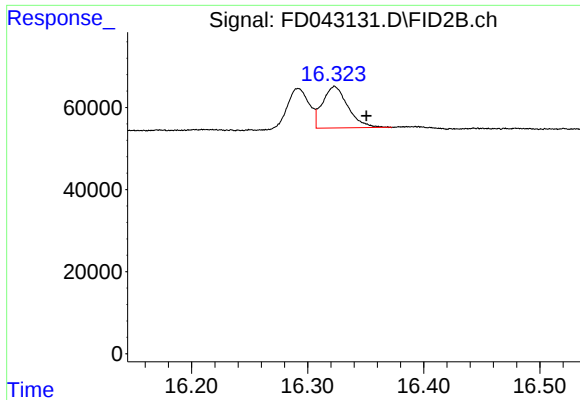
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.024 min
Response: 219199
Conc: 1.39 ug/ml



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

R.T.: 16.291 min
Delta R.T.: -0.029 min
Response: 134360
Conc: 0.88 ug/ml m



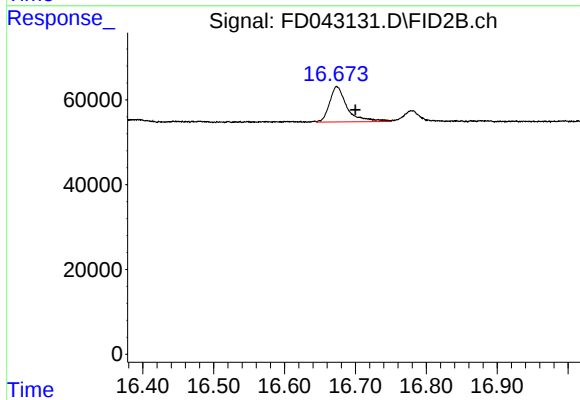
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.323 min
Delta R.T.: -0.027 min
Response: 153593
Conc: 1.05 ug/ml

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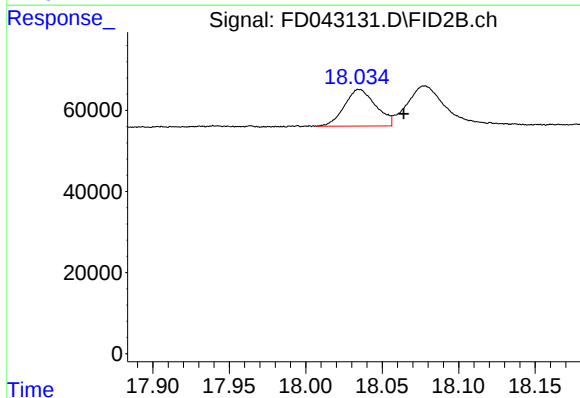
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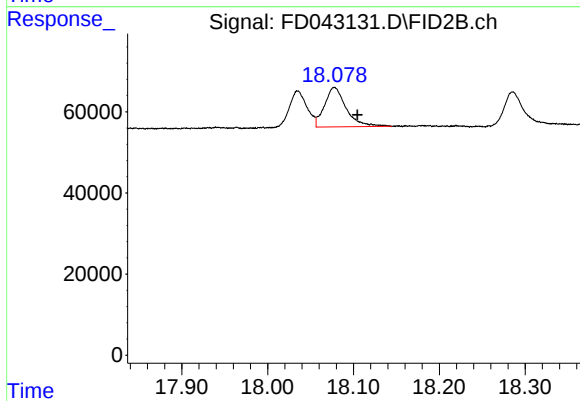
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: -0.027 min
Response: 144625
Conc: 1.01 ug/ml m



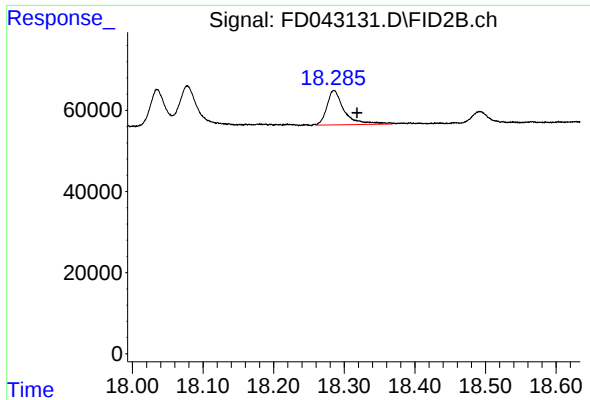
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: -0.031 min
Response: 129329
Conc: 1.03 ug/ml m



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

R.T.: 18.078 min
Delta R.T.: -0.027 min
Response: 170669
Conc: 1.27 ug/ml



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

R.T.: 18.285 min
Delta R.T.: -0.033 min
Response: 145124
Conc: 1.11 ug/ml

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