

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092022AR\
 Data File : FD043931.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2022 13:22
 Operator : YP/AJ
 Sample : N4630-19MS 10X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-17-4-4-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2022
 Supervised By :Ankita Jodhani 09/22/2022

Integration File: autoint1.e
 Quant Time: Sep 21 16:13:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.429	513258	3.901 ug/ml
Spiked Amount 50.000		Recovery =	7.80%
6) S 2-Fluorobiphenyl (SURR)	8.291	239792	3.324 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.65%
11) S ortho-Terphenyl (SURR)	11.311	373655	2.006 ug/ml
Spiked Amount 50.000		Recovery =	4.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.234	313911	2.089 ug/mlm
2) T Naphthalene (C11.7)	5.771	443026	3.111 ug/ml
3) T 2-Methylnaphthalene (...)	6.819	364021	2.488 ug/ml
5) T Acenaphthylene (C15.06)	8.085	405742	2.629 ug/ml
7) T Acenaphthene (C15.5)	8.374	482524	2.757 ug/ml
8) T Flouorene (C16.55)	9.159	393547	2.677 ug/ml
9) T Phenanthrene (C19.36)	10.551	513714	3.550 ug/ml
10) T Anthracene (C19.43)	10.630	404699	2.758 ug/ml
12) T Fluoranthene (C21.85)	12.355	538332	3.510 ug/ml
13) T Pyrene (C20.8)	12.648	679098	4.565 ug/ml
14) T Benzo[a]anthracene (C...	14.520	412657	3.691 ug/ml
15) T Chrysene (C27.41)	14.560	561518	3.593 ug/ml
16) T benzo[b]fluoranthene ...	16.063	654838	5.615 ug/ml
17) T Bnezo[k]fluoranthene ...	16.095	430434	2.899 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	560562	4.628 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807	631153	6.638 ug/ml
20) T Dibenz[a,h]anthracene...	17.844	514723	4.285 ug/ml
21) T Benzo[g,h,i]perylene ...	18.055	789797	6.931 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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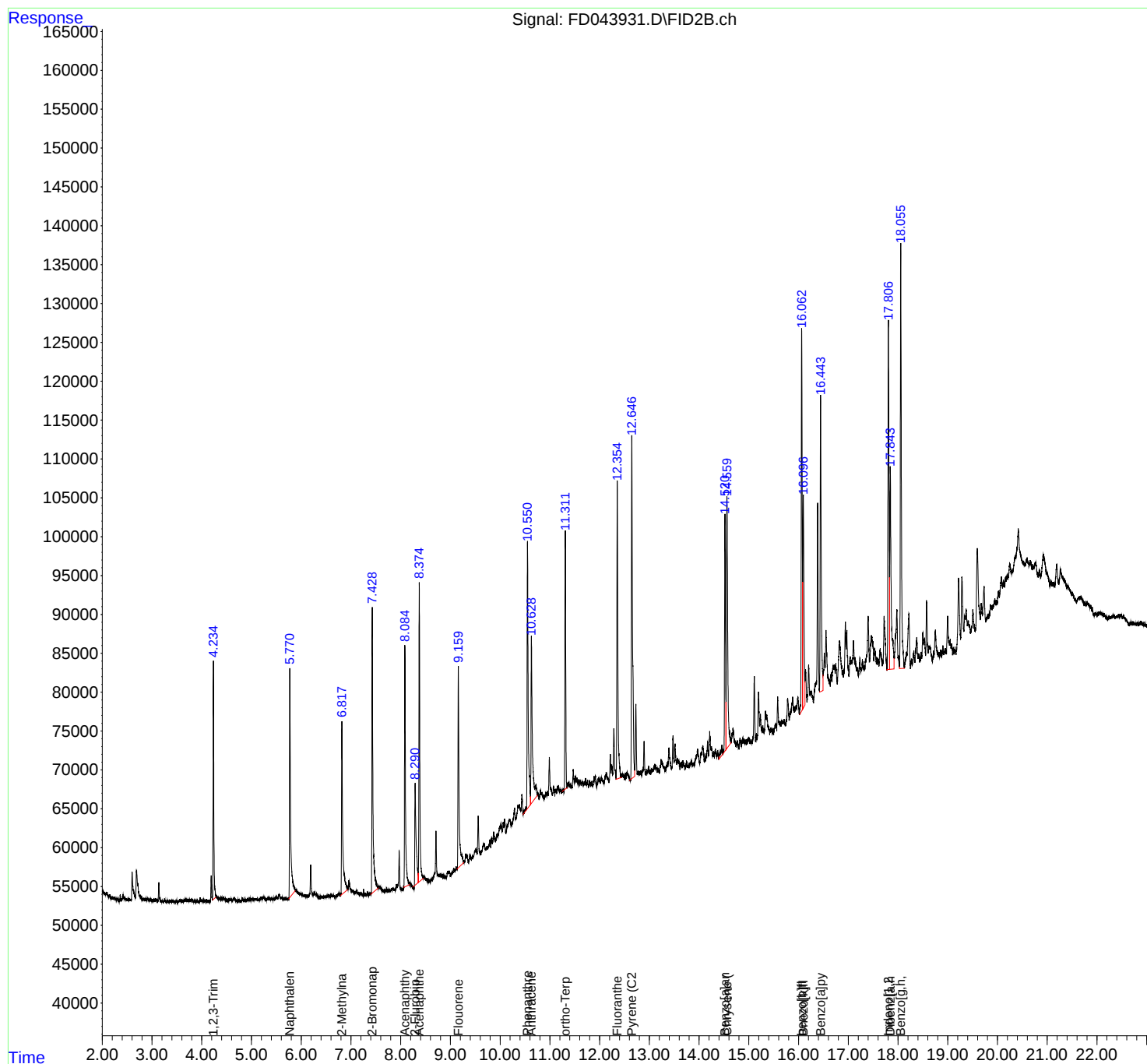
Instrument :
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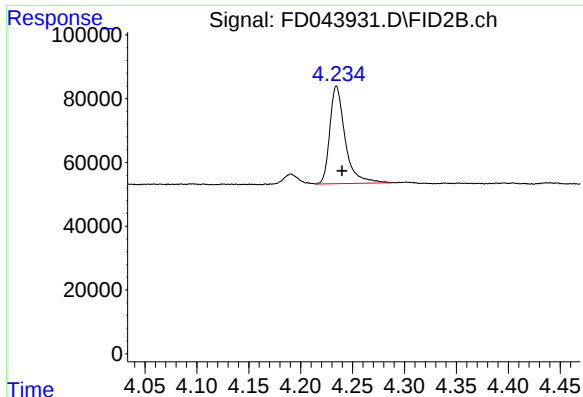
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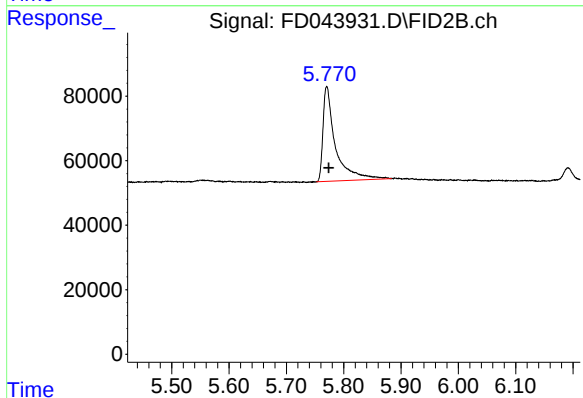
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.234 min
Delta R.T.: -0.006 min
Response: 313911
Conc: 2.09 ug/ml

Instrument :
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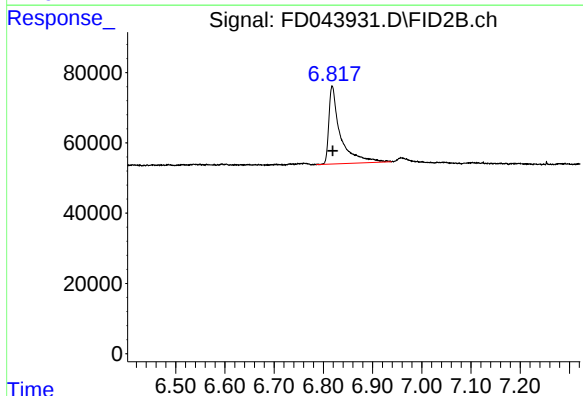
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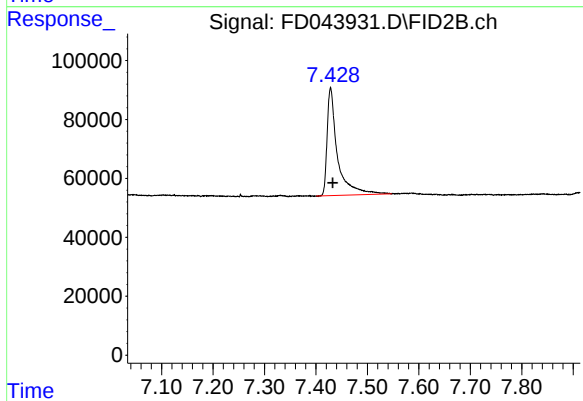
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 443026
Conc: 3.11 ug/ml



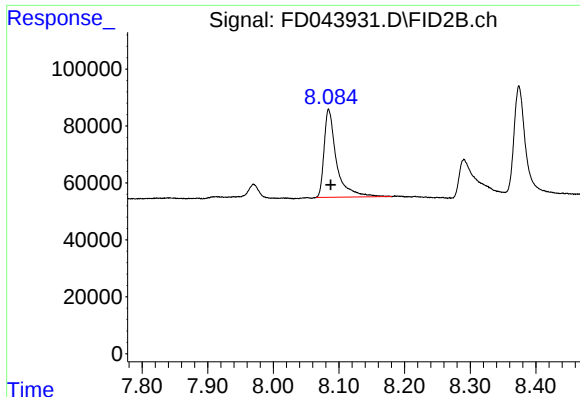
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 364021
Conc: 2.49 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 513258
Conc: 3.90 ug/ml



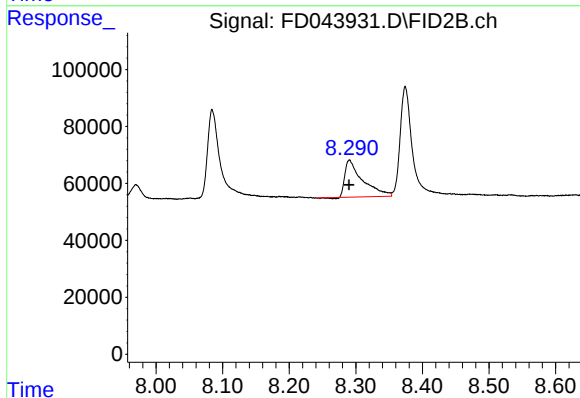
#5 Acenaphthylene (C15.06)

R.T.: 8.085 min
Delta R.T.: -0.003 min
Response: 405742
Conc: 2.63 ug/ml

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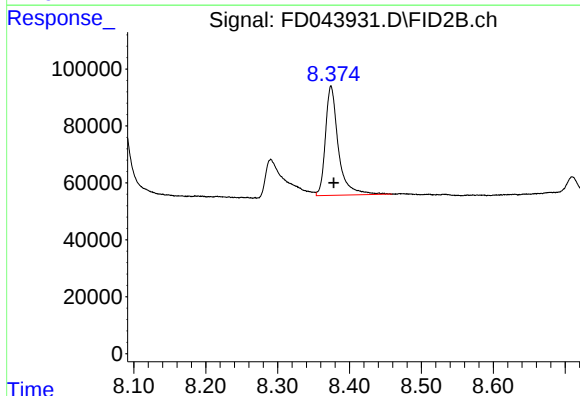
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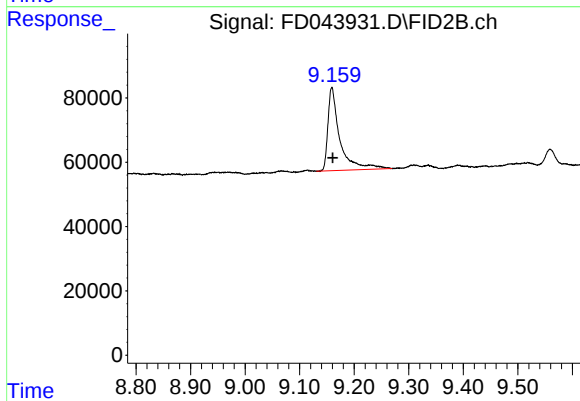
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.291 min
Delta R.T.: 0.001 min
Response: 239792
Conc: 3.32 ug/ml



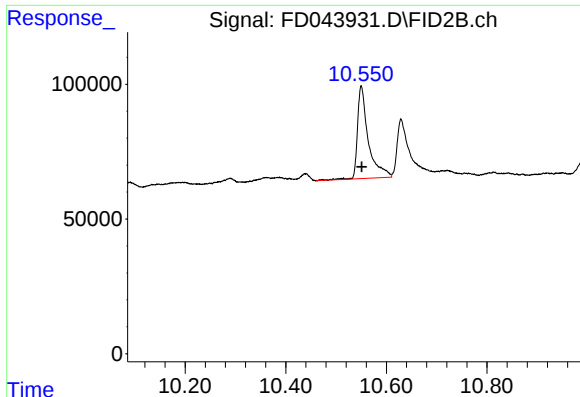
#7 Acenaphthene (C15.5)

R.T.: 8.374 min
Delta R.T.: -0.004 min
Response: 482524
Conc: 2.76 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.159 min
Delta R.T.: -0.001 min
Response: 393547
Conc: 2.68 ug/ml



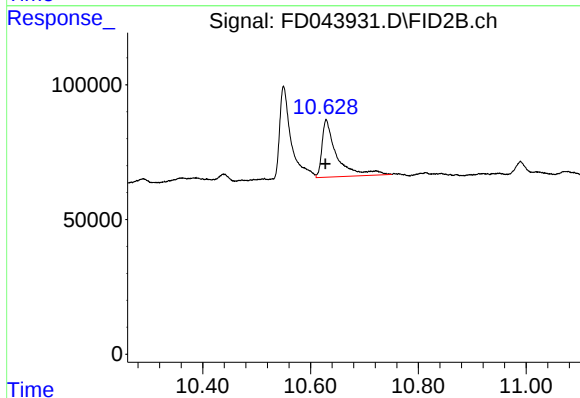
#9 Phenanthrene (C19.36)

R.T.: 10.551 min
Delta R.T.: 0.000 min
Response: 513714
Conc: 3.55 ug/ml

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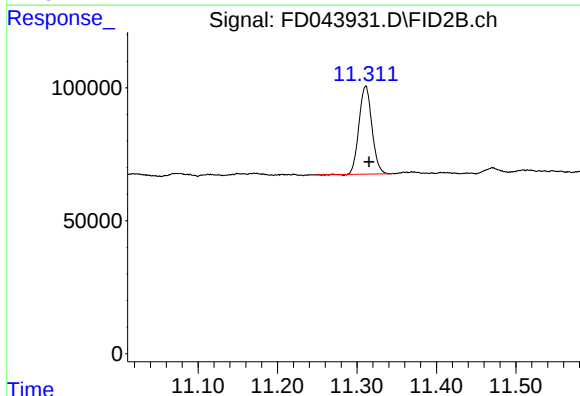
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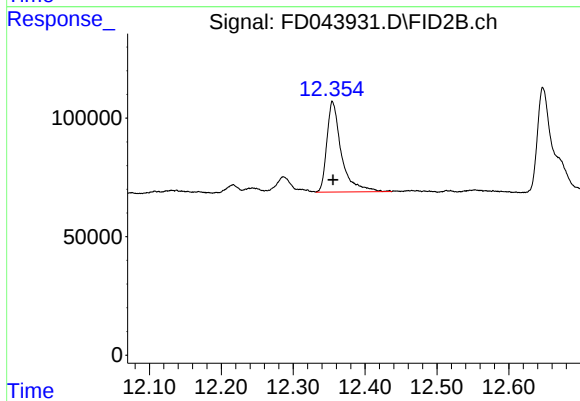
#10 Anthracene (C19.43)

R.T.: 10.630 min
Delta R.T.: 0.002 min
Response: 404699
Conc: 2.76 ug/ml



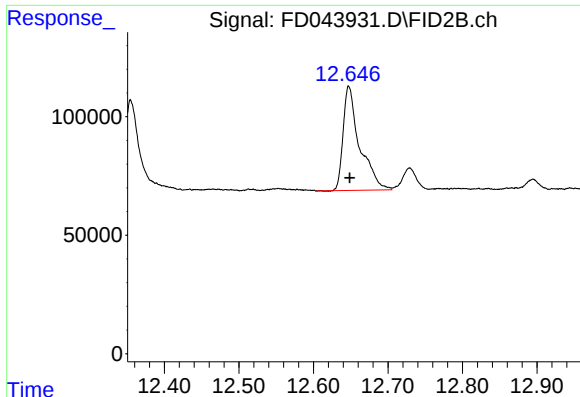
#11 ortho-Terphenyl (SURR)

R.T.: 11.311 min
Delta R.T.: -0.004 min
Response: 373655
Conc: 2.01 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 538332
Conc: 3.51 ug/ml



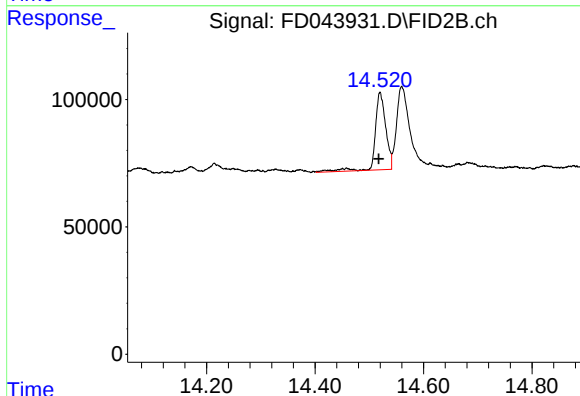
#13 Pyrene (C20.8)

R.T.: 12.648 min
Delta R.T.: 0.000 min
Response: 679098
Conc: 4.57 ug/ml

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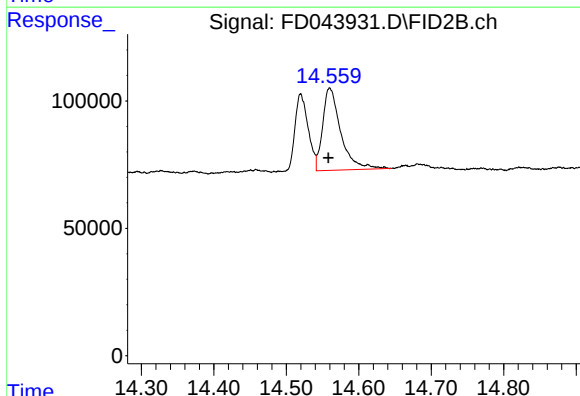
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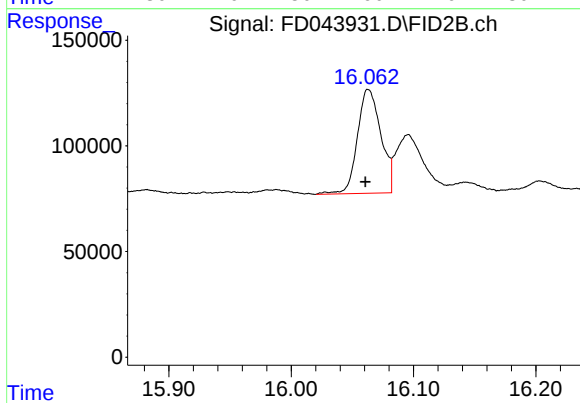
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.520 min
Delta R.T.: 0.003 min
Response: 412657
Conc: 3.69 ug/ml



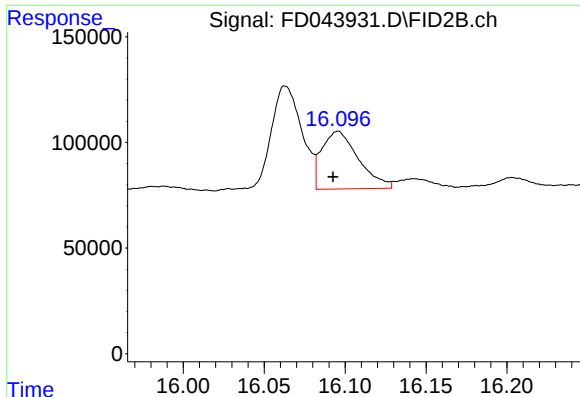
#15 Chrysene (C27.41)

R.T.: 14.560 min
Delta R.T.: 0.002 min
Response: 561518
Conc: 3.59 ug/ml



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

R.T.: 16.063 min
Delta R.T.: 0.003 min
Response: 654838
Conc: 5.62 ug/ml



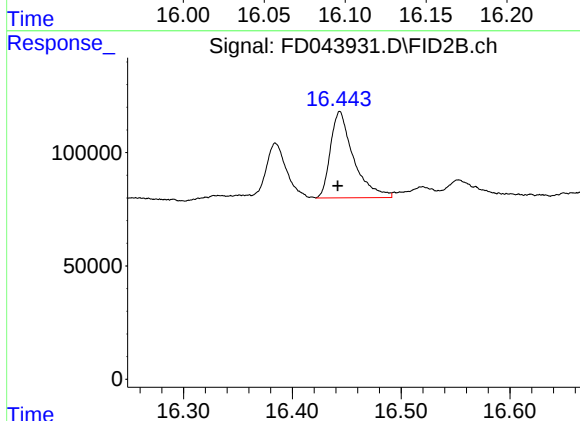
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.095 min
Delta R.T.: 0.003 min
Response: 430434
Conc: 2.90 ug/ml

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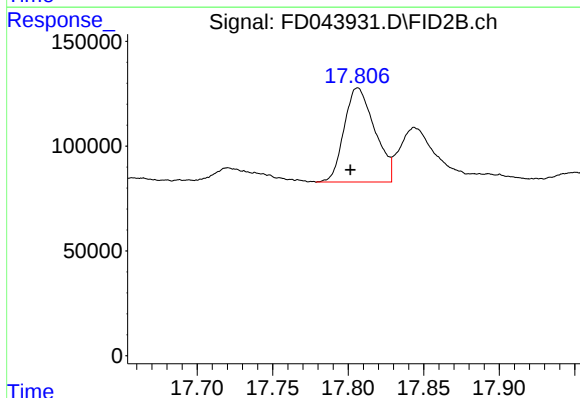
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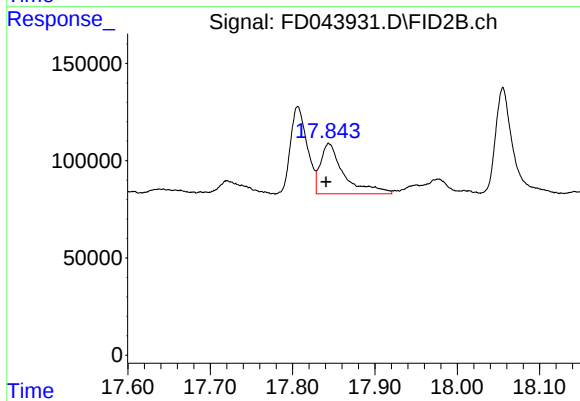
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min
Delta R.T.: 0.002 min
Response: 560562
Conc: 4.63 ug/ml



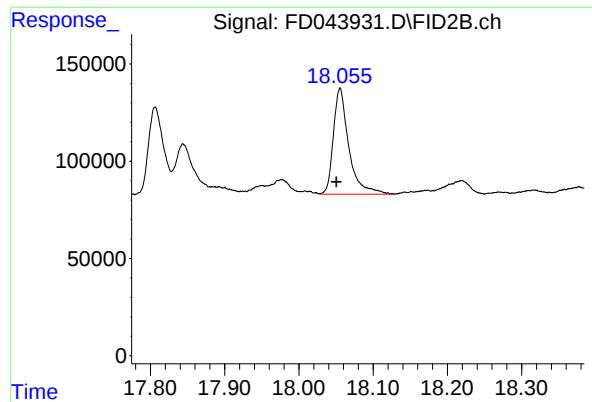
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: 0.005 min
Response: 631153
Conc: 6.64 ug/ml



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

R.T.: 17.844 min
Delta R.T.: 0.003 min
Response: 514723
Conc: 4.28 ug/ml



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

R.T.: 18.055 min
Delta R.T.: 0.005 min
Response: 789797
Conc: 6.93 ug/ml

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