

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092022AR\
 Data File : FD043932.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2022 14:15
 Operator : YP/AJ
 Sample : N4630-19MSD 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

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

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 16:13:45 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...	7.431	453270	3.445 ug/ml
Spiked Amount 50.000		Recovery =	6.89%
6) S 2-Fluorobiphenyl (SURR)	8.292	216001	2.994 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	5.99%
11) S ortho-Terphenyl (SURR)	11.311	334497	1.796 ug/ml
Spiked Amount 50.000		Recovery =	3.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	274877	1.829 ug/mlm
2) T Naphthalene (C11.7)	5.773	397720	2.793 ug/ml
3) T 2-Methylnaphthalene (...)	6.820	314992	2.153 ug/ml
5) T Acenaphthylene (C15.06)	8.086	358393	2.323 ug/ml
7) T Acenaphthene (C15.5)	8.375	433055	2.475 ug/ml
8) T Flouorene (C16.55)	9.161	339854	2.312 ug/ml
9) T Phenanthrene (C19.36)	10.552	439575	3.038 ug/ml
10) T Anthracene (C19.43)	10.631	284359	1.938 ug/ml
12) T Fluoranthene (C21.85)	12.356	484246	3.157 ug/ml
13) T Pyrene (C20.8)	12.649	608531	4.091 ug/ml
14) T Benzo[a]anthracene (C...	14.521	337411	3.018 ug/ml
15) T Chrysene (C27.41)	14.562	499400	3.195 ug/ml
16) T benzo[b]fluoranthene ...	16.064	571999	4.905 ug/ml
17) T Bnezo[k]fluoranthene ...	16.096	394679	2.658 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.445	503936	4.160 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807	547538	5.759 ug/ml
20) T Dibenz[a,h]anthracene...	17.845	458057	3.813 ug/ml
21) T Benzo[g,h,i]perylene ...	18.055	702120	6.161 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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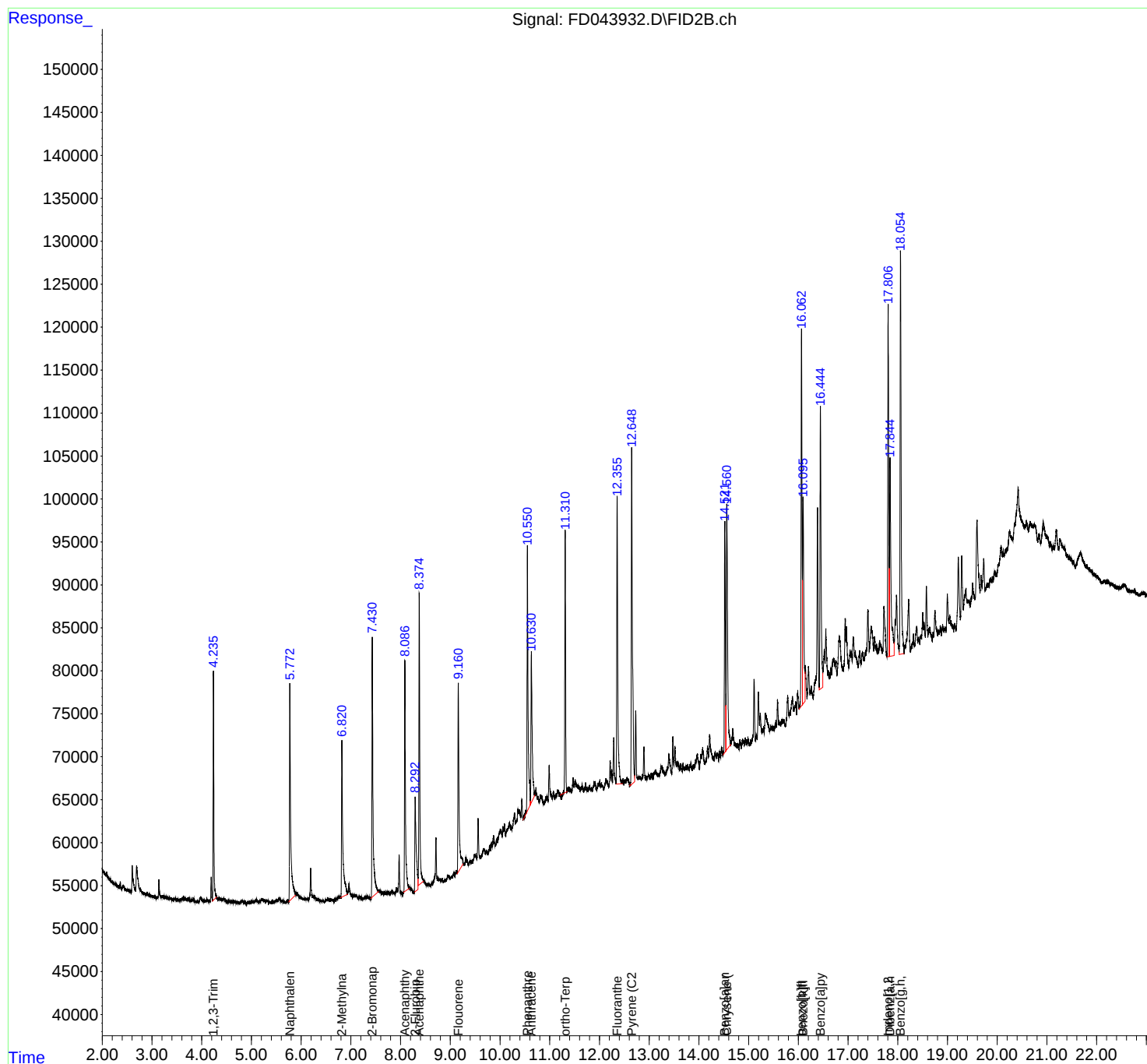
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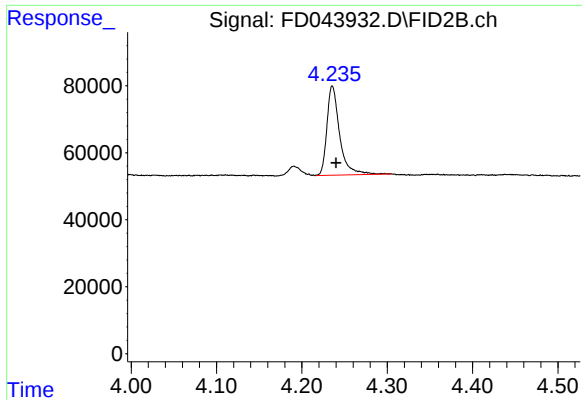
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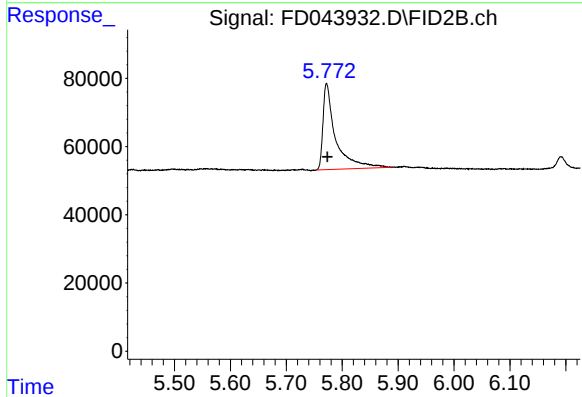
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.235 min
Delta R.T.: -0.005 min
Response: 274877
Conc: 1.83 ug/ml

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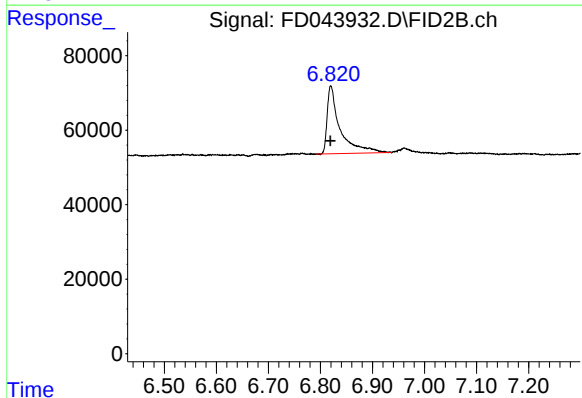
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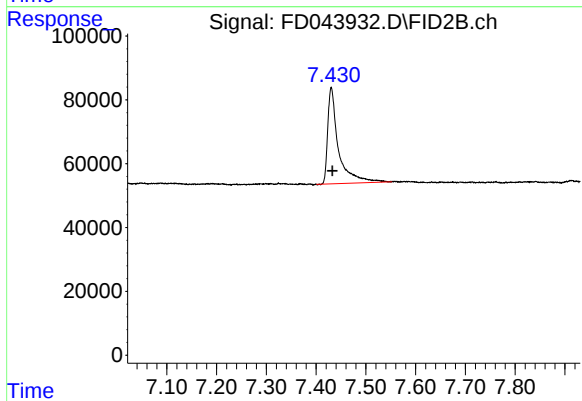
#2 Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 397720
Conc: 2.79 ug/ml



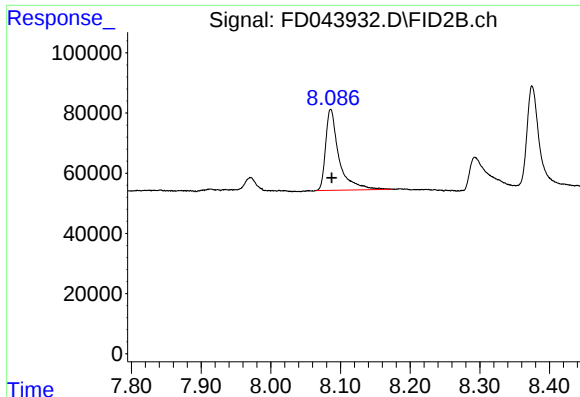
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.820 min
Delta R.T.: 0.001 min
Response: 314992
Conc: 2.15 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 453270
Conc: 3.44 ug/ml



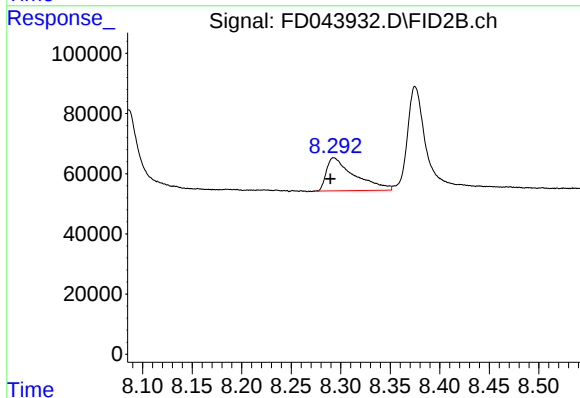
#5 Acenaphthylene (C15.06)

R.T.: 8.086 min
Delta R.T.: -0.001 min
Response: 358393
Conc: 2.32 ug/ml

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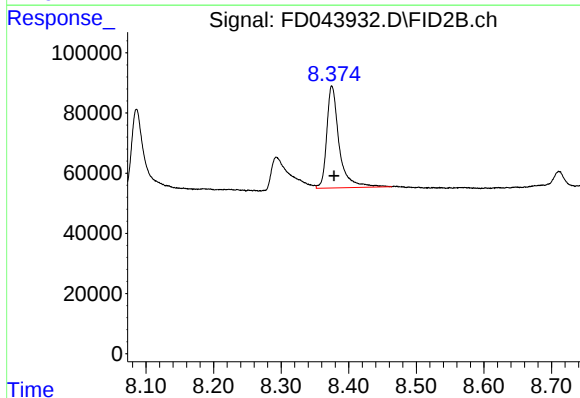
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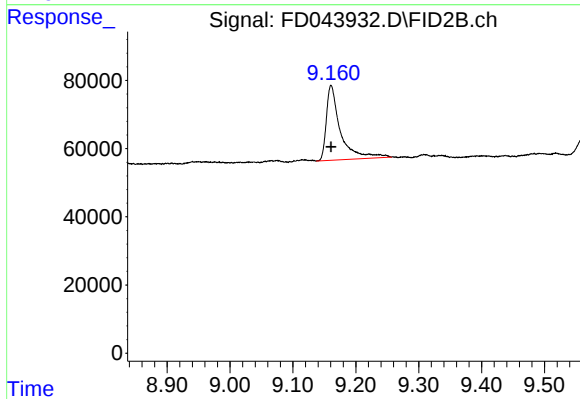
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.292 min
Delta R.T.: 0.002 min
Response: 216001
Conc: 2.99 ug/ml m



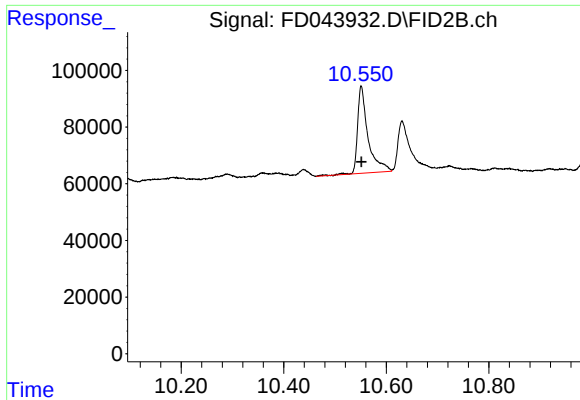
#7 Acenaphthene (C15.5)

R.T.: 8.375 min
Delta R.T.: -0.003 min
Response: 433055
Conc: 2.47 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.161 min
Delta R.T.: 0.000 min
Response: 339854
Conc: 2.31 ug/ml



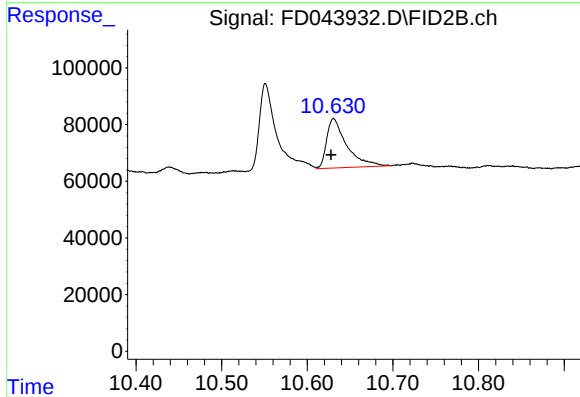
#9 Phenanthrene (C19.36)

R.T.: 10.552 min
Delta R.T.: 0.000 min
Response: 439575
Conc: 3.04 ug/ml

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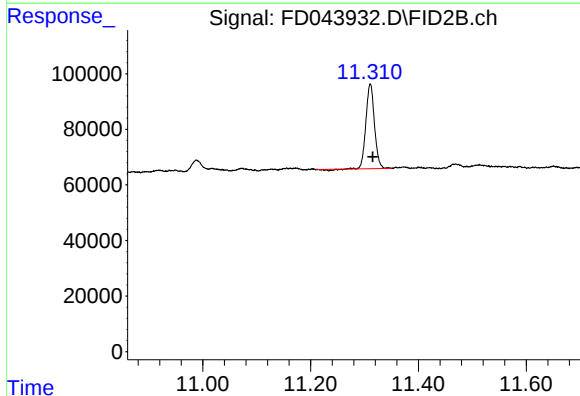
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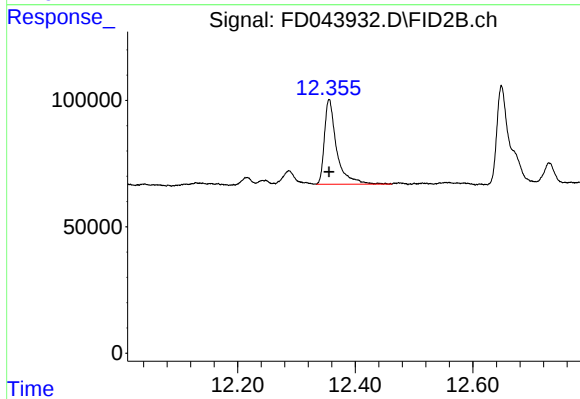
#10 Anthracene (C19.43)

R.T.: 10.631 min
Delta R.T.: 0.003 min
Response: 284359
Conc: 1.94 ug/ml



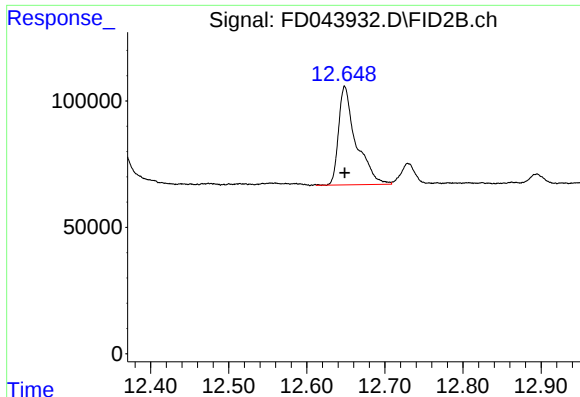
#11 ortho-Terphenyl (SURR)

R.T.: 11.311 min
Delta R.T.: -0.004 min
Response: 334497
Conc: 1.80 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.356 min
Delta R.T.: 0.000 min
Response: 484246
Conc: 3.16 ug/ml



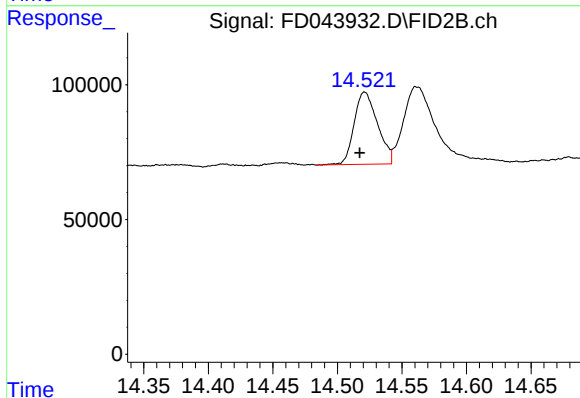
#13 Pyrene (C20.8)

R.T.: 12.649 min
Delta R.T.: 0.000 min
Response: 608531
Conc: 4.09 ug/ml

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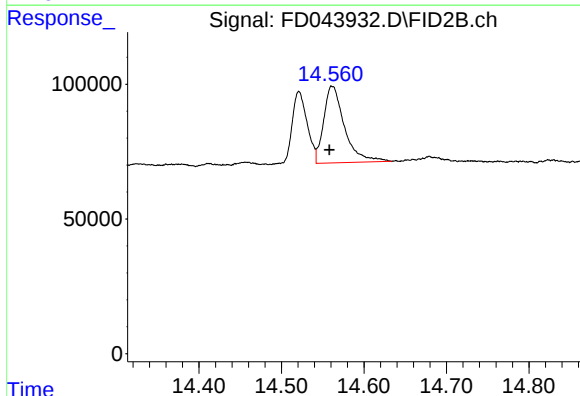
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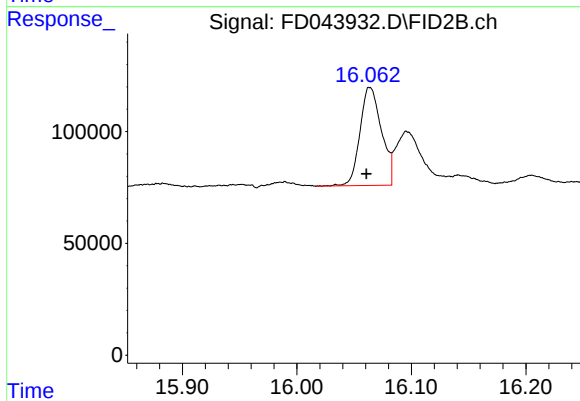
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.521 min
Delta R.T.: 0.004 min
Response: 337411
Conc: 3.02 ug/ml



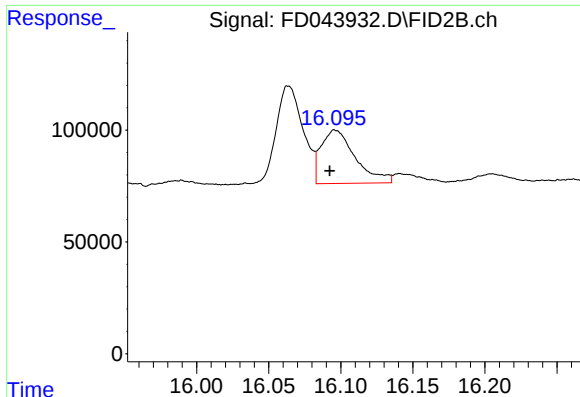
#15 Chrysene (C27.41)

R.T.: 14.562 min
Delta R.T.: 0.004 min
Response: 499400
Conc: 3.20 ug/ml



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

R.T.: 16.064 min
Delta R.T.: 0.003 min
Response: 571999
Conc: 4.90 ug/ml



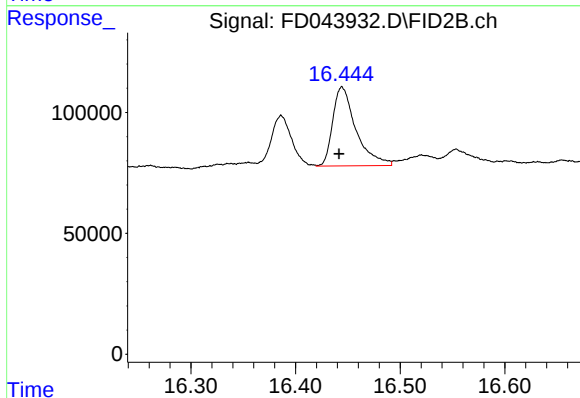
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.096 min
Delta R.T.: 0.004 min
Response: 394679
Conc: 2.66 ug/ml

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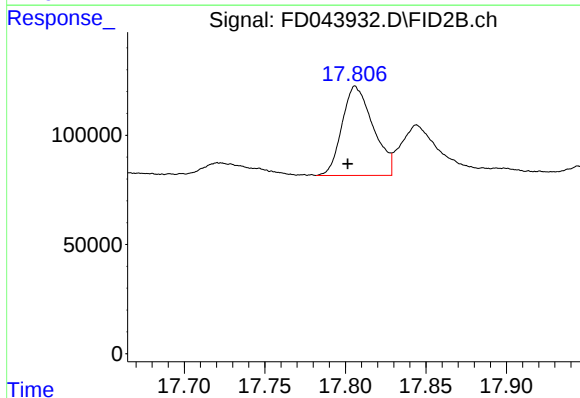
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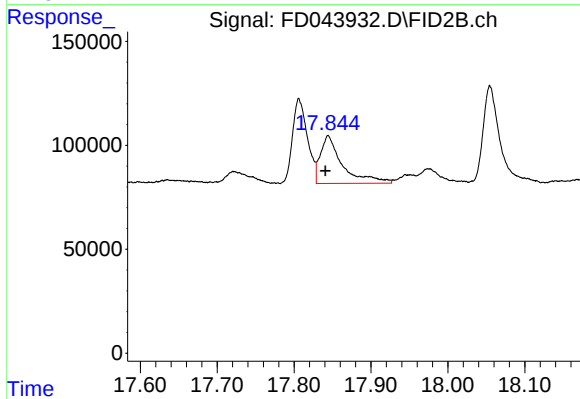
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.445 min
Delta R.T.: 0.003 min
Response: 503936
Conc: 4.16 ug/ml



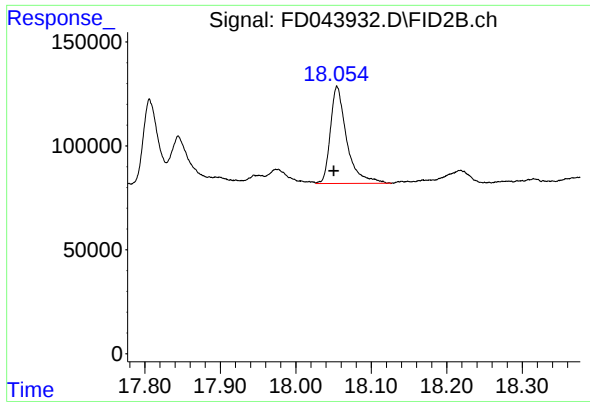
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: 0.005 min
Response: 547538
Conc: 5.76 ug/ml



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

R.T.: 17.845 min
Delta R.T.: 0.004 min
Response: 458057
Conc: 3.81 ug/ml



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

R.T.: 18.055 min
Delta R.T.: 0.005 min
Response: 702120
Conc: 6.16 ug/ml

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