

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082422AR\
 Data File : FD043731.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2022 14:27
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: sample.E
 Quant Time: Aug 25 03:28:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:39:46 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...	7.473	3585924	20.754 ug/ml
Spiked Amount 50.000		Recovery =	41.51%
6) S 2-Fluorobiphenyl (SURR)	8.331	2148732	21.361 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.72%
11) S ortho-Terphenyl (SURR)	11.362	4234382	20.240 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	4067265	20.423 ug/ml
2) T Naphthalene (C11.7)	5.812	4057140	20.185 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	3652548	20.236 ug/ml
5) T Acenaphthylene (C15.06)	8.132	4093441	20.479 ug/ml
7) T Acenaphthene (C15.5)	8.424	4325928	20.125 ug/ml
8) T Flouorene (C16.55)	9.206	3844551	20.054 ug/ml
9) T Phenanthrene (C19.36)	10.598	3739452	20.795 ug/ml
10) T Anthracene (C19.43)	10.675	3816414	19.621 ug/ml
12) T Fluoranthene (C21.85)	12.405	3687575	20.221 ug/mlm
13) T Pyrene (C20.8)	12.700	3816769	20.447 ug/ml
14) T Benzo[a]anthracene (C...	14.570	3070682	21.461 ug/mlm
15) T Chrysene (C27.41)	14.611	3777014	19.569 ug/ml
16) T benzo[b]fluoranthene ...	16.114	3092954	21.434 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.145	3401794	19.778 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	3031068	20.874 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	2189291	21.169 ug/mlm
20) T Dibenz[a,h]anthracene...	17.894	2990054	21.248 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	2651831	20.831 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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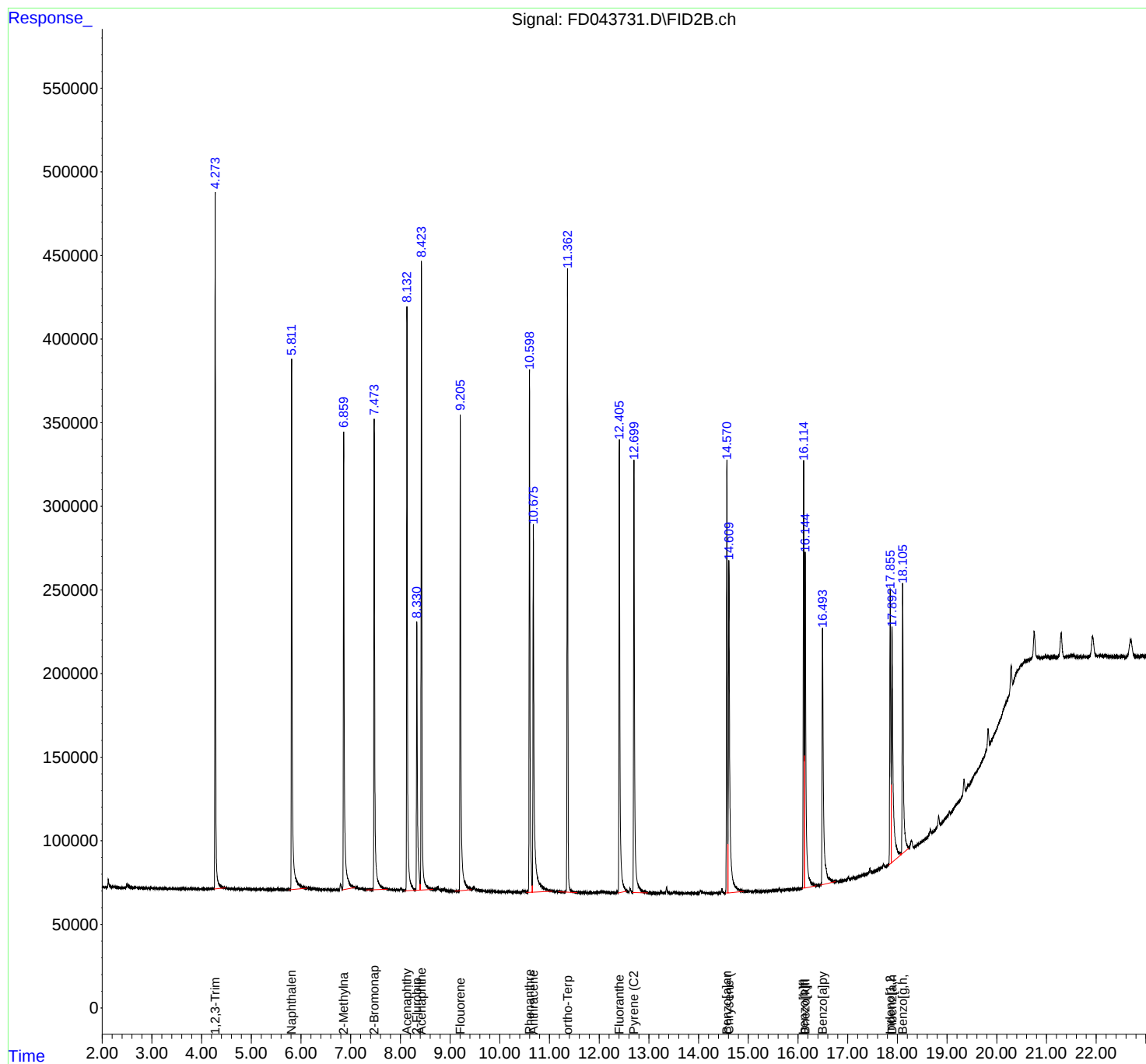
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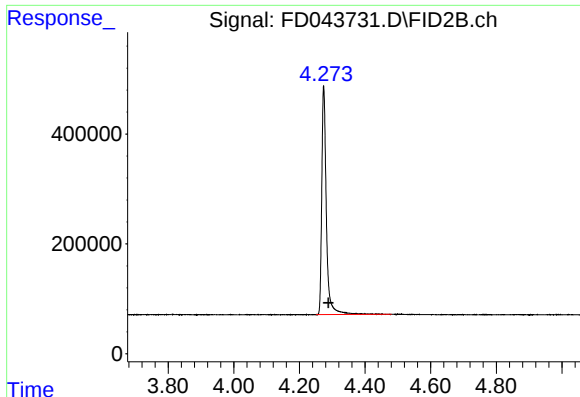
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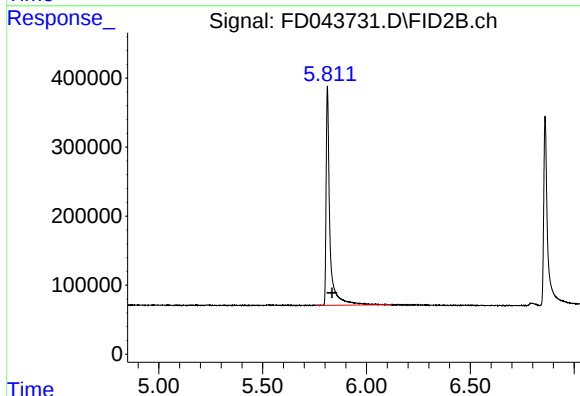
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: -0.014 min
Response: 4067265
Conc: 20.42 ug/ml

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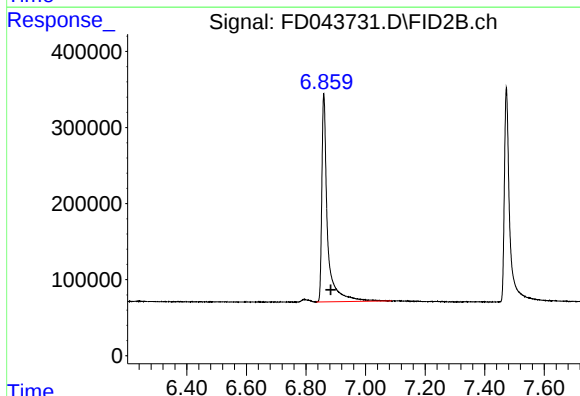
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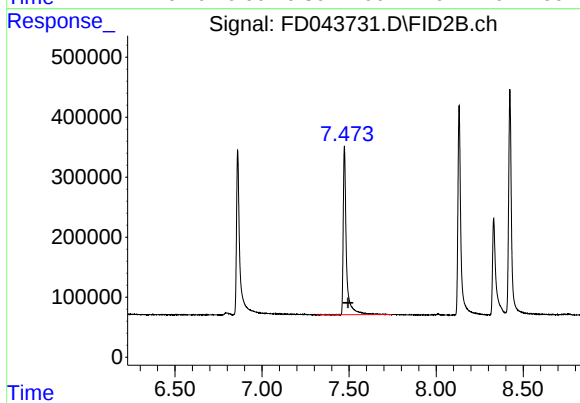
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: -0.022 min
Response: 4057140
Conc: 20.18 ug/ml



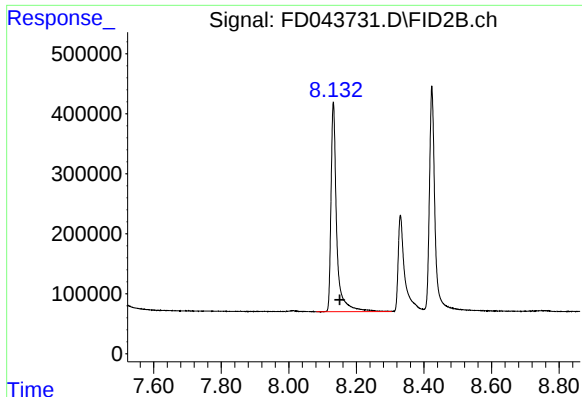
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.023 min
Response: 3652548
Conc: 20.24 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.473 min
Delta R.T.: -0.020 min
Response: 3585924
Conc: 20.75 ug/ml



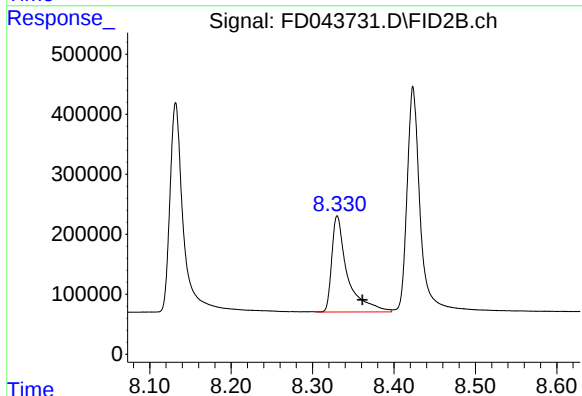
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: -0.018 min
Response: 4093441
Conc: 20.48 ug/ml

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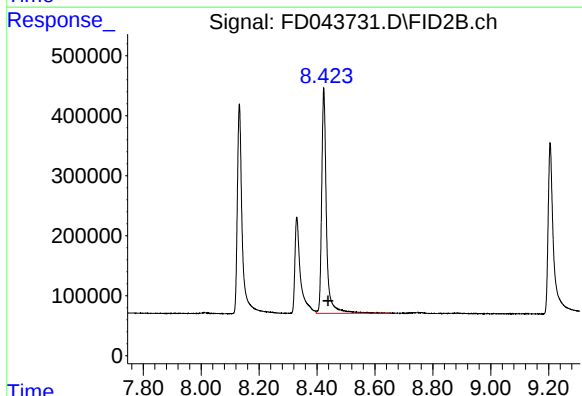
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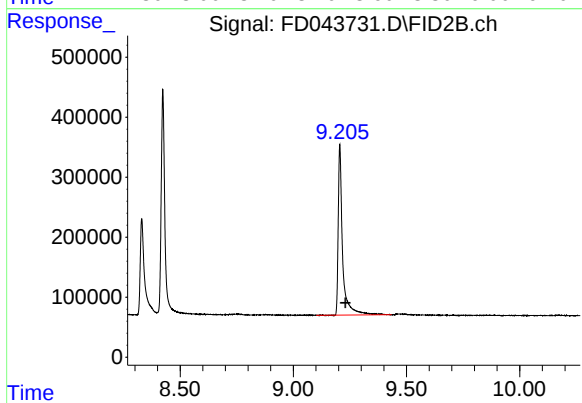
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.030 min
Response: 2148732
Conc: 21.36 ug/ml



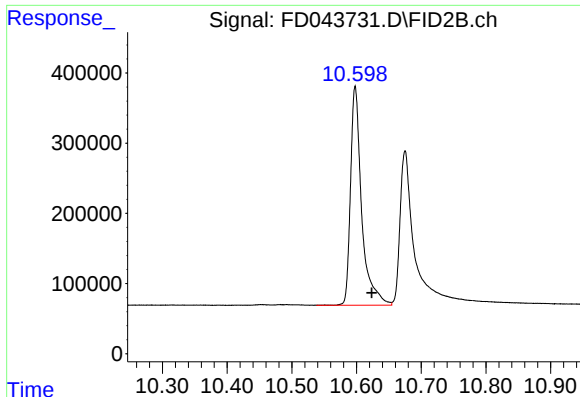
#7 Acenaphthene (C15.5)

R.T.: 8.424 min
Delta R.T.: -0.015 min
Response: 4325928
Conc: 20.12 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.206 min
Delta R.T.: -0.024 min
Response: 3844551
Conc: 20.05 ug/ml



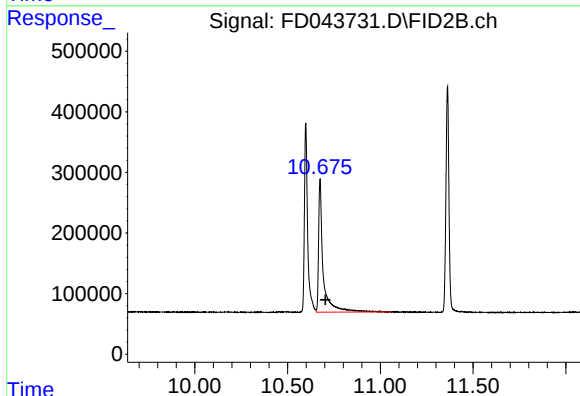
#9 Phenanthrene (C19.36)

R.T.: 10.598 min
Delta R.T.: -0.025 min
Response: 3739452
Conc: 20.79 ug/ml

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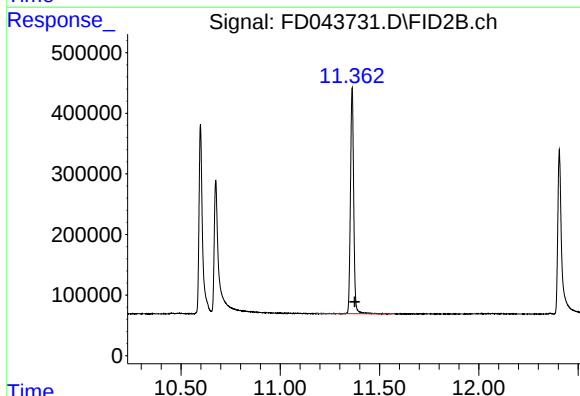
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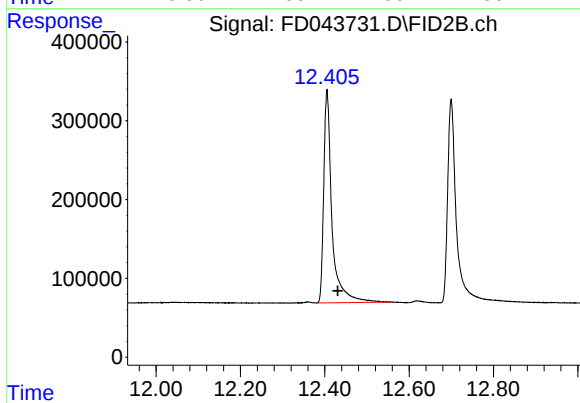
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.030 min
Response: 3816414
Conc: 19.62 ug/ml



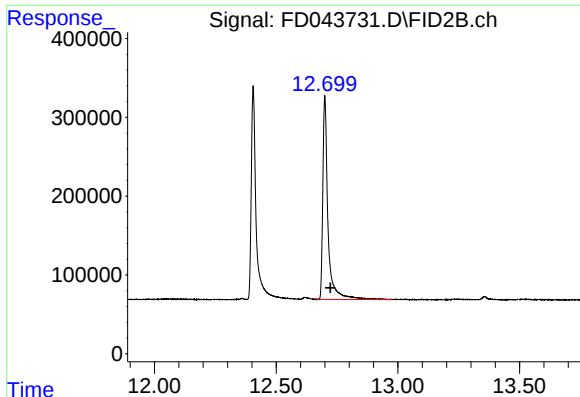
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: -0.014 min
Response: 4234382
Conc: 20.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.405 min
Delta R.T.: -0.025 min
Response: 3687575
Conc: 20.22 ug/ml m



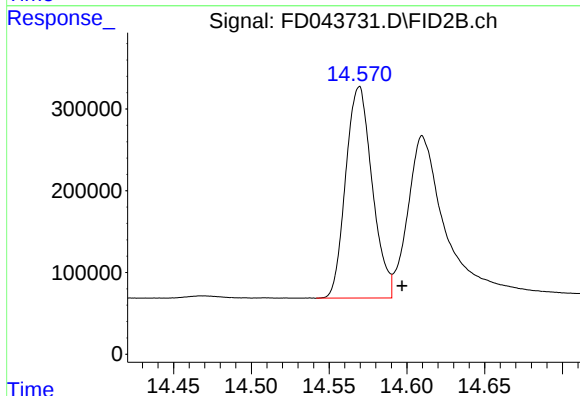
#13 Pyrene (C20.8)

R.T.: 12.700 min
Delta R.T.: -0.023 min
Response: 3816769
Conc: 20.45 ug/ml

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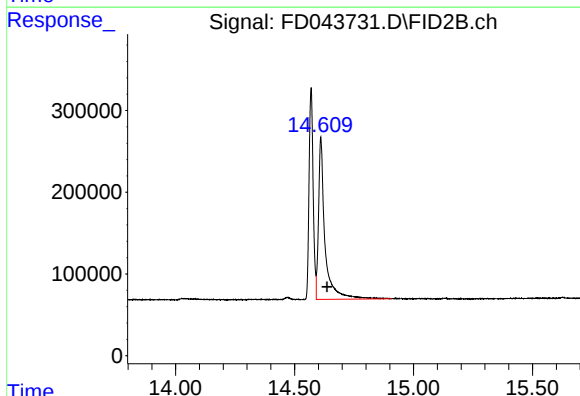
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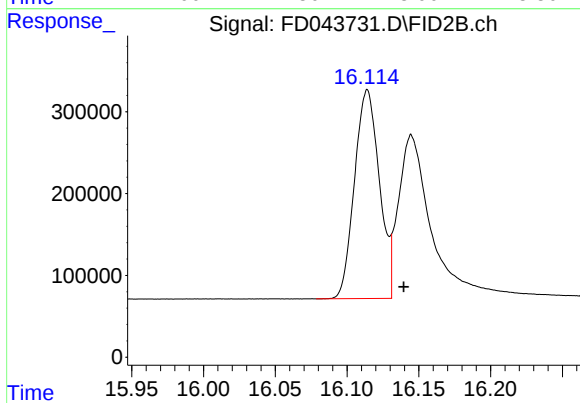
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.570 min
Delta R.T.: -0.027 min
Response: 3070682
Conc: 21.46 ug/ml m



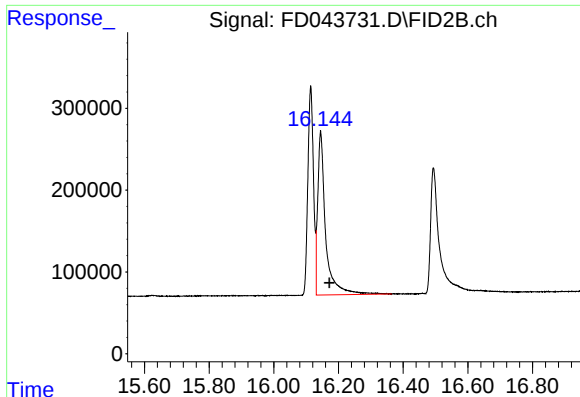
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: -0.025 min
Response: 3777014
Conc: 19.57 ug/ml



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

R.T.: 16.114 min
Delta R.T.: -0.026 min
Response: 3092954
Conc: 21.43 ug/ml m



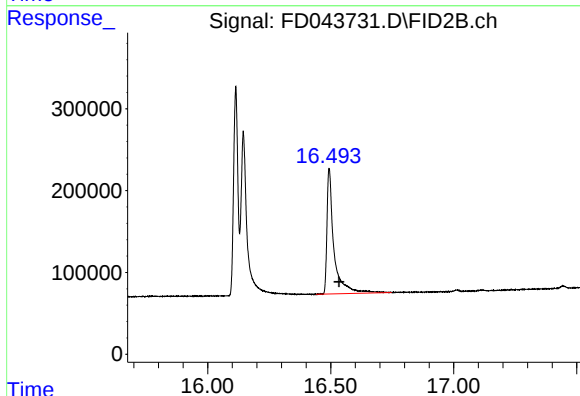
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.145 min
Delta R.T.: -0.027 min
Response: 3401794
Conc: 19.78 ug/ml

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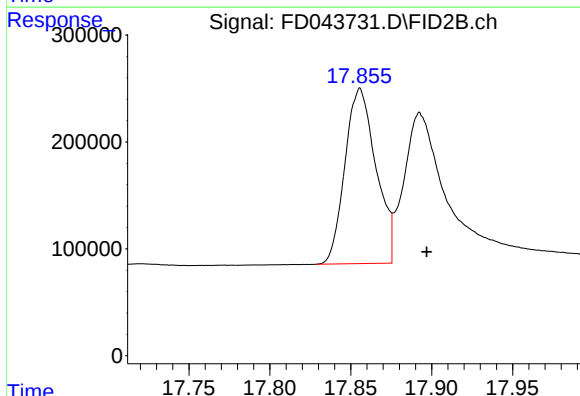
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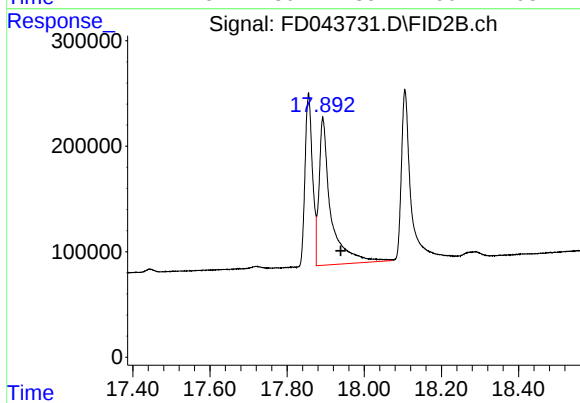
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: -0.039 min
Response: 3031068
Conc: 20.87 ug/ml



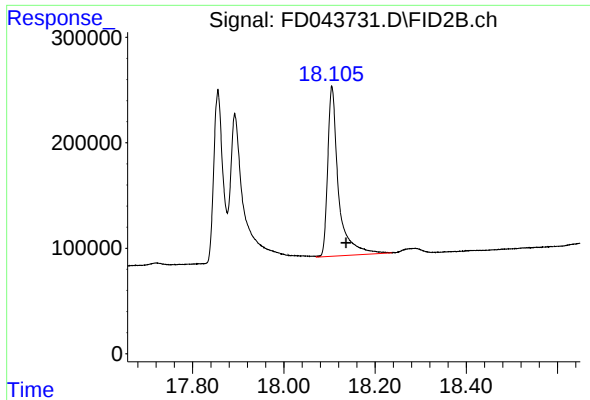
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: -0.042 min
Response: 2189291
Conc: 21.17 ug/ml m



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

R.T.: 17.894 min
Delta R.T.: -0.045 min
Response: 2990054
Conc: 21.25 ug/ml



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

R.T.: 18.106 min
Delta R.T.: -0.030 min
Response: 2651831
Conc: 20.83 ug/ml

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