

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082522AR\
 Data File : FD043744.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2022 10:15
 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 08/26/2022

Integration File: autoint1.e
 Quant Time: Aug 25 14:23:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 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...	7.463	3695928	21.391 ug/ml
Spiked Amount 50.000		Recovery =	42.78%
6) S 2-Fluorobiphenyl (SURR)	8.321	2224950	22.118 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.24%
11) S ortho-Terphenyl (SURR)	11.350	4338795	20.739 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.267	4239053	21.286 ug/ml
2) T Naphthalene (C11.7)	5.803	4198116	20.886 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	3825223	21.193 ug/ml
5) T Acenaphthylene (C15.06)	8.121	4195777	20.991 ug/ml
7) T Acenaphthene (C15.5)	8.412	4467341	20.782 ug/ml
8) T Flouorene (C16.55)	9.195	3967783	20.696 ug/ml
9) T Phenanthrene (C19.36)	10.587	3832668	21.313 ug/ml
10) T Anthracene (C19.43)	10.664	3995651	20.542 ug/ml
12) T Fluoranthene (C21.85)	12.392	3870593	21.224 ug/mlm
13) T Pyrene (C20.8)	12.687	3910750	20.951 ug/ml
14) T Benzo[a]anthracene (C...	14.555	3168735	22.147 ug/ml
15) T Chrysene (C27.41)	14.597	3841741	19.904 ug/ml
16) T benzo[b]fluoranthene ...	16.100	3214388	22.276 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.131	3319063	19.297 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.482	3121800	21.499 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	2328249	22.513 ug/ml
20) T Dibenz[a,h]anthracene...	17.879	3100955	22.036 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	2826702	22.204 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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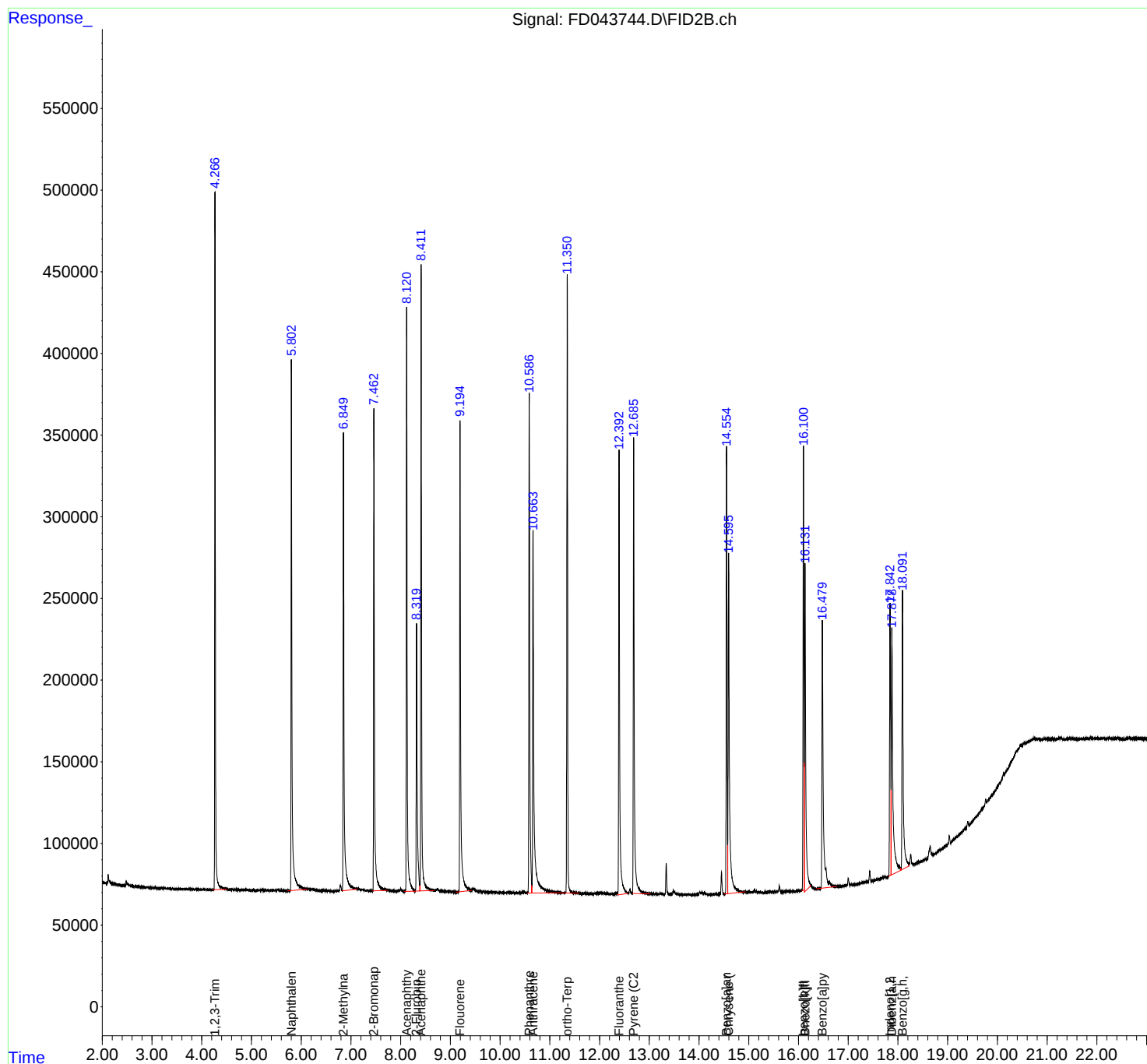
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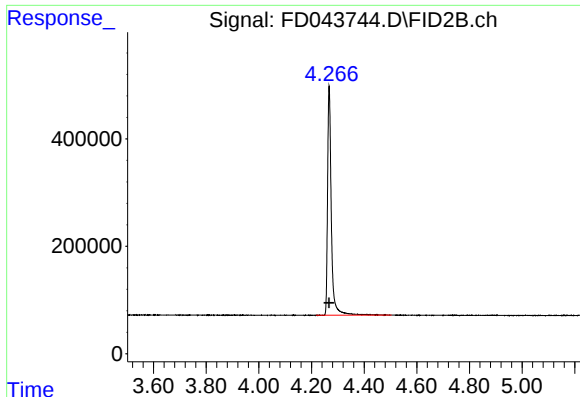
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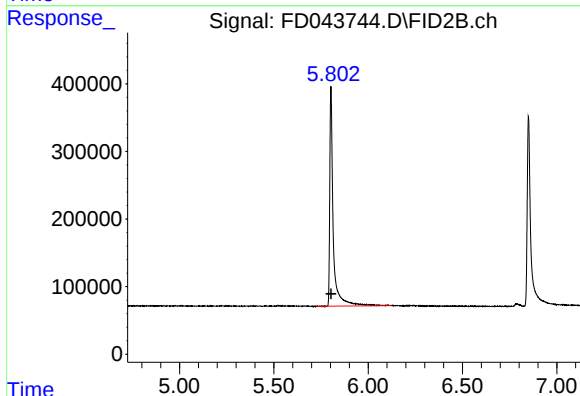
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 4239053
Conc: 21.29 ug/ml

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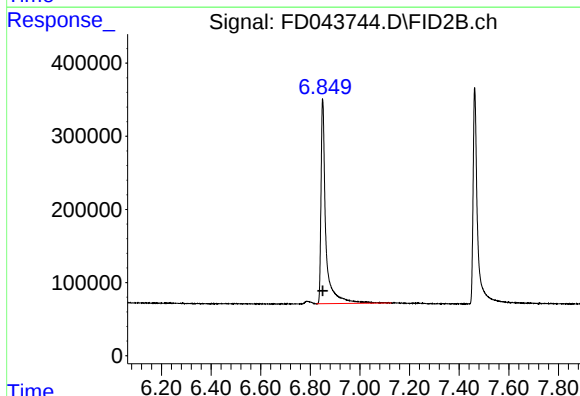
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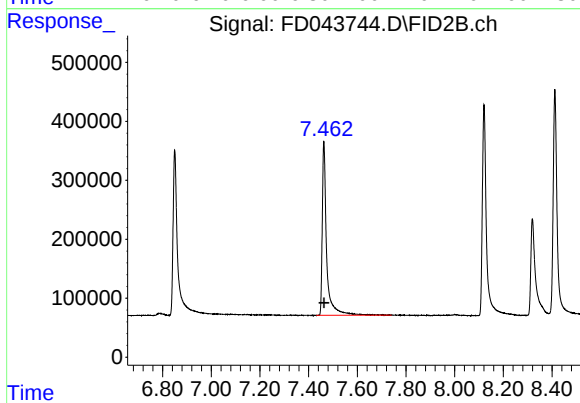
#2 Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 4198116
Conc: 20.89 ug/ml



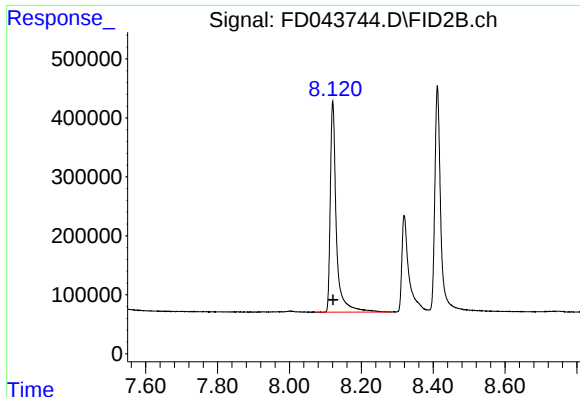
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 3825223
Conc: 21.19 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 3695928
Conc: 21.39 ug/ml



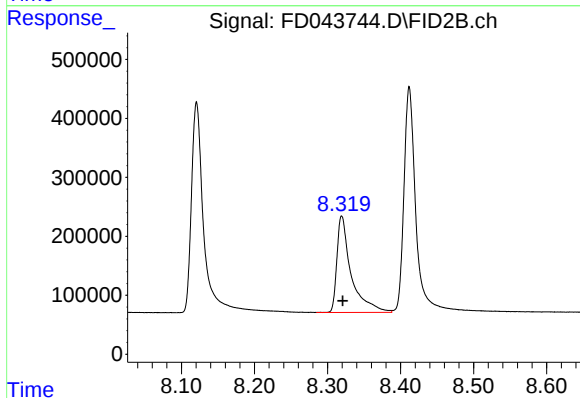
#5 Acenaphthylene (C15.06)

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 4195777
Conc: 20.99 ug/ml

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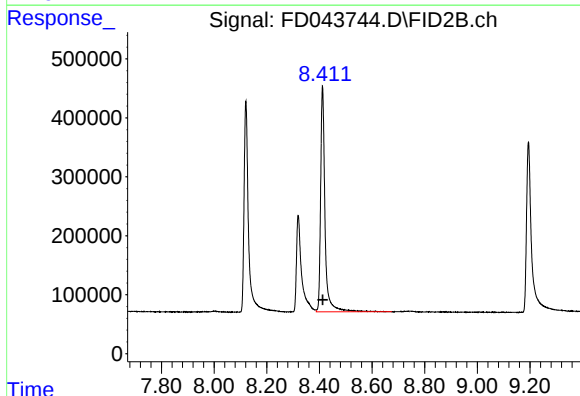
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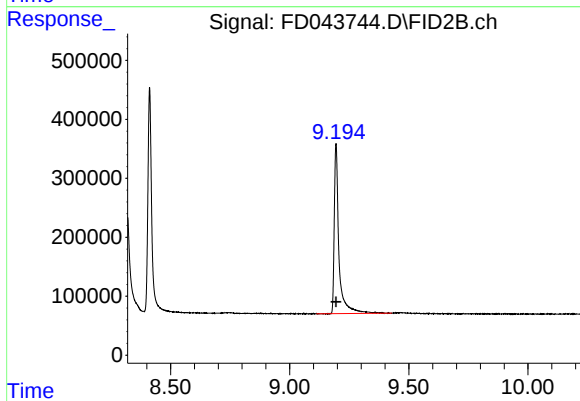
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.321 min
Delta R.T.: 0.000 min
Response: 2224950
Conc: 22.12 ug/ml



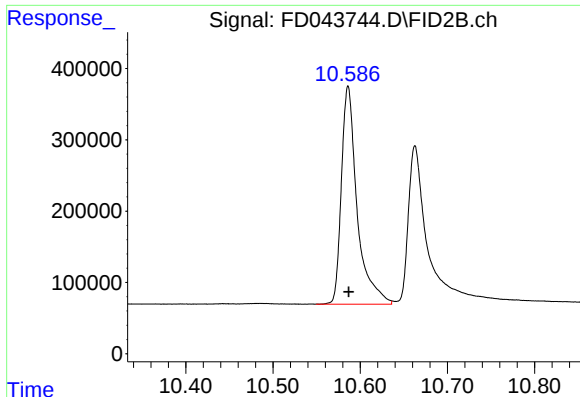
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.000 min
Response: 4467341
Conc: 20.78 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.195 min
Delta R.T.: 0.000 min
Response: 3967783
Conc: 20.70 ug/ml



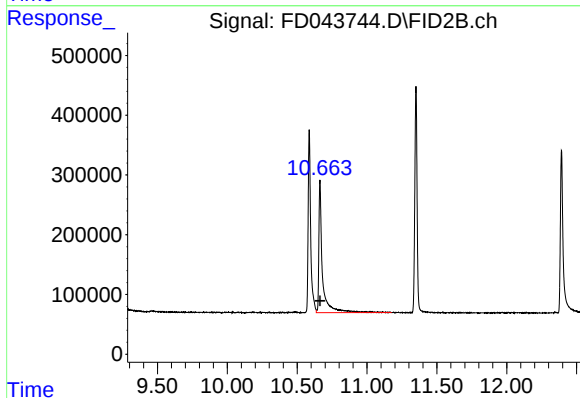
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.000 min
Response: 3832668
Conc: 21.31 ug/ml

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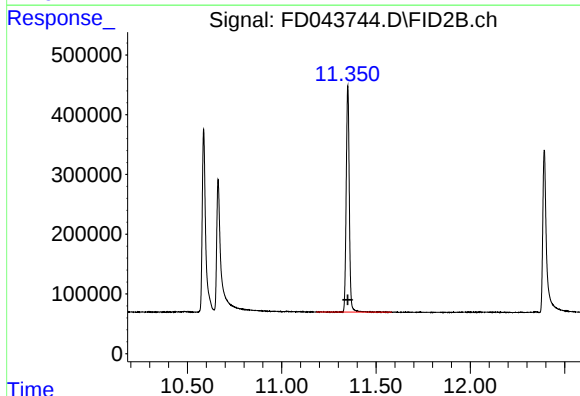
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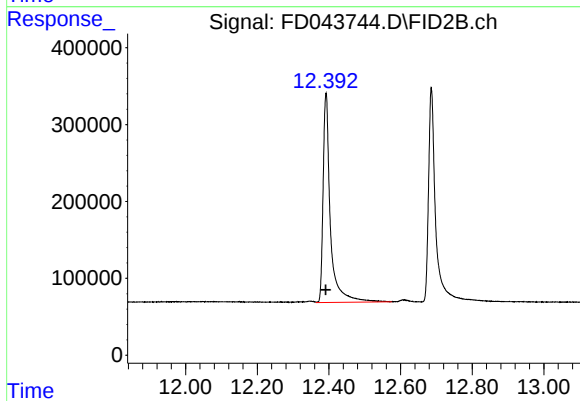
#10 Anthracene (C19.43)

R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 3995651
Conc: 20.54 ug/ml



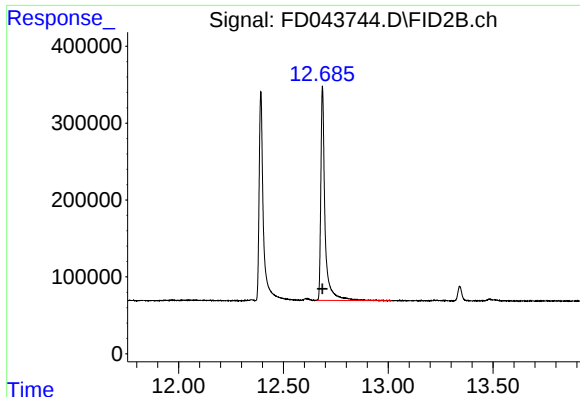
#11 ortho-Terphenyl (SURR)

R.T.: 11.350 min
Delta R.T.: 0.000 min
Response: 4338795
Conc: 20.74 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.392 min
Delta R.T.: 0.000 min
Response: 3870593
Conc: 21.22 ug/ml m



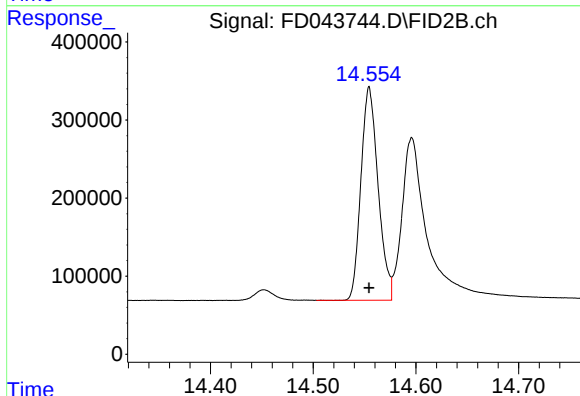
#13 Pyrene (C20.8)

R.T.: 12.687 min
Delta R.T.: 0.000 min
Response: 3910750
Conc: 20.95 ug/ml

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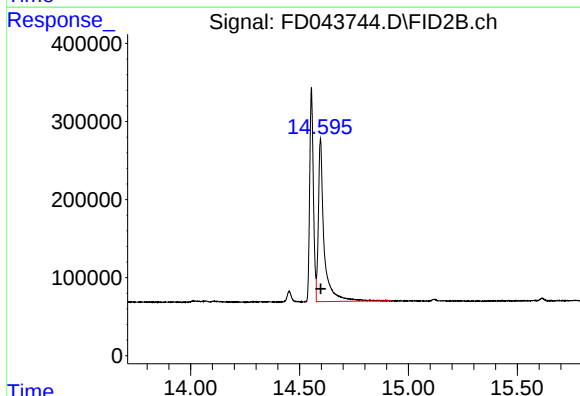
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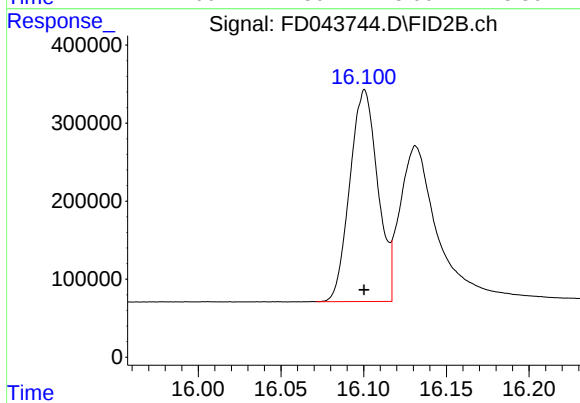
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.555 min
Delta R.T.: 0.001 min
Response: 3168735
Conc: 22.15 ug/ml



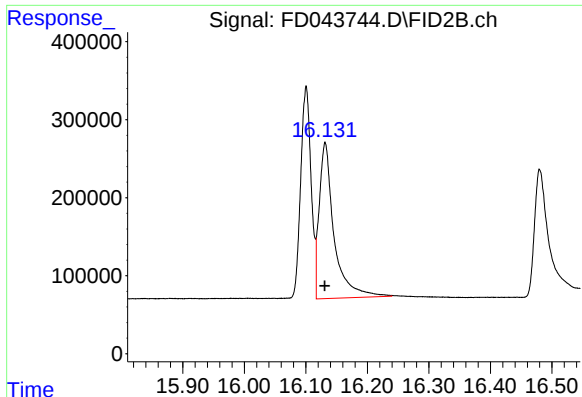
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: 0.000 min
Response: 3841741
Conc: 19.90 ug/ml



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

R.T.: 16.100 min
Delta R.T.: 0.000 min
Response: 3214388
Conc: 22.28 ug/ml m



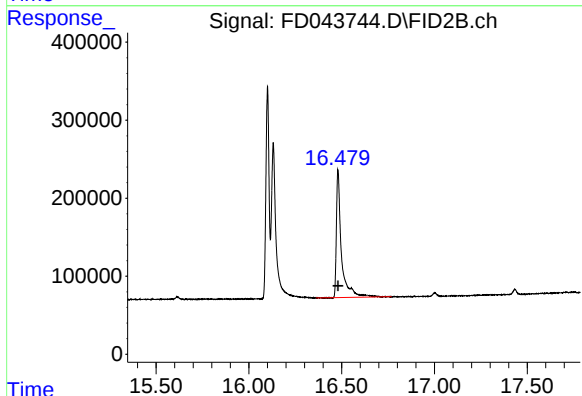
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.131 min
Delta R.T.: 0.000 min
Response: 3319063
Conc: 19.30 ug/ml

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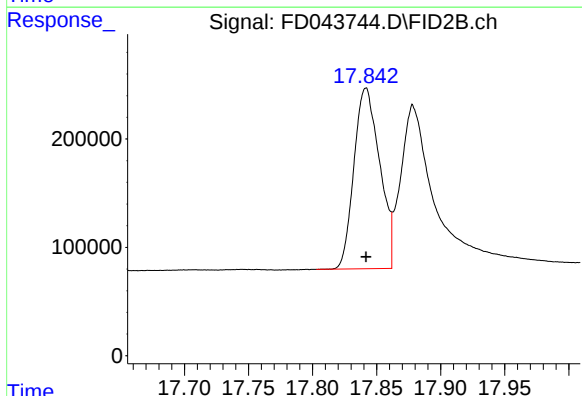
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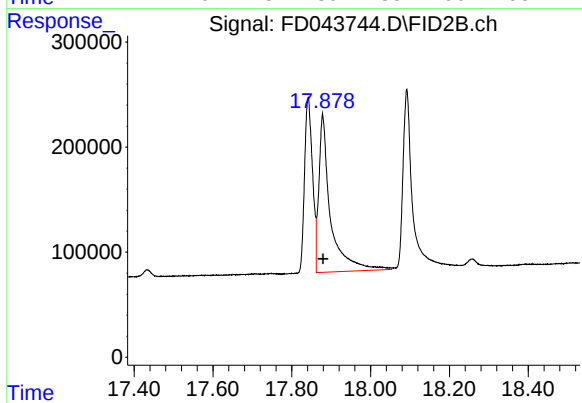
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: 0.000 min
Response: 3121800
Conc: 21.50 ug/ml



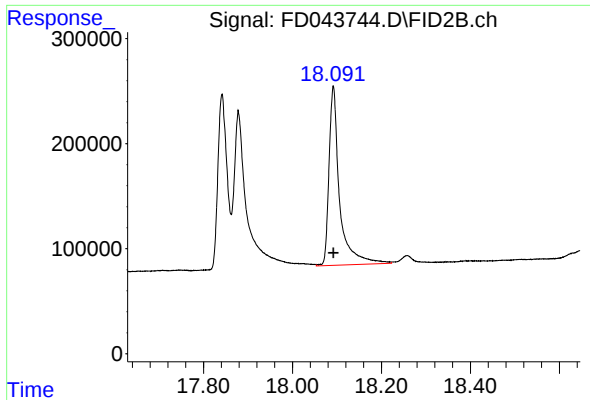
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.843 min
Delta R.T.: 0.000 min
Response: 2328249
Conc: 22.51 ug/ml



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

R.T.: 17.879 min
Delta R.T.: 0.000 min
Response: 3100955
Conc: 22.04 ug/ml



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

R.T.: 18.092 min
Delta R.T.: 0.000 min
Response: 2826702
Conc: 22.20 ug/ml

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