

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070722AR\
 Data File : FD043195.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jul 2022 10:04
 Operator : YP/AJ
 Sample : N3422-05MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-14A-1A-12-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/07/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File: autoint1.e
 Quant Time: Jul 07 13:38:32 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...	7.631	10782867	69.833 ug/ml
Spiked Amount 50.000		Recovery =	139.67%
6) S 2-Fluorobiphenyl (SURR)	8.496	7127526	67.576 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	135.15%#
11) S ortho-Terphenyl (SURR)	11.546	12572802	69.176 ug/ml
Spiked Amount 50.000		Recovery =	138.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.423	6551230	39.007 ug/ml
2) T Naphthalene (C11.7)	5.964	9029974	51.579 ug/ml
3) T 2-Methylnaphthalene (...)	7.020	10179547	63.288 ug/ml
5) T Acenaphthylene (C15.06)	8.299	11179049	62.893 ug/ml
7) T Acenaphthene (C15.5)	8.597	11378725	64.979 ug/ml
8) T Flouorene (C16.55)	9.380	12282784	70.859 ug/ml
9) T Phenanthrene (C19.36)	10.780	13069816	76.204 ug/ml
10) T Anthracene (C19.43)	10.857	11906872	70.084 ug/ml
12) T Fluoranthene (C21.85)	12.604	12285793	73.254 ug/ml
13) T Pyrene (C20.8)	12.904	12595552	77.288 ug/mlm
14) T Benzo[a]anthracene (C...	14.787	10638811	68.505 ug/mlm
15) T Chrysene (C27.41)	14.833	12792429	81.052 ug/mlm
16) T benzo[b]fluoranthene ...	16.357	12328748	80.878 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.387	8777746	59.973 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.732	8701733	60.837 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.098	10796075	86.274 ug/ml
20) T Dibenz[a,h]anthracene...	18.137	8667348	64.471 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.356	10282062	78.832 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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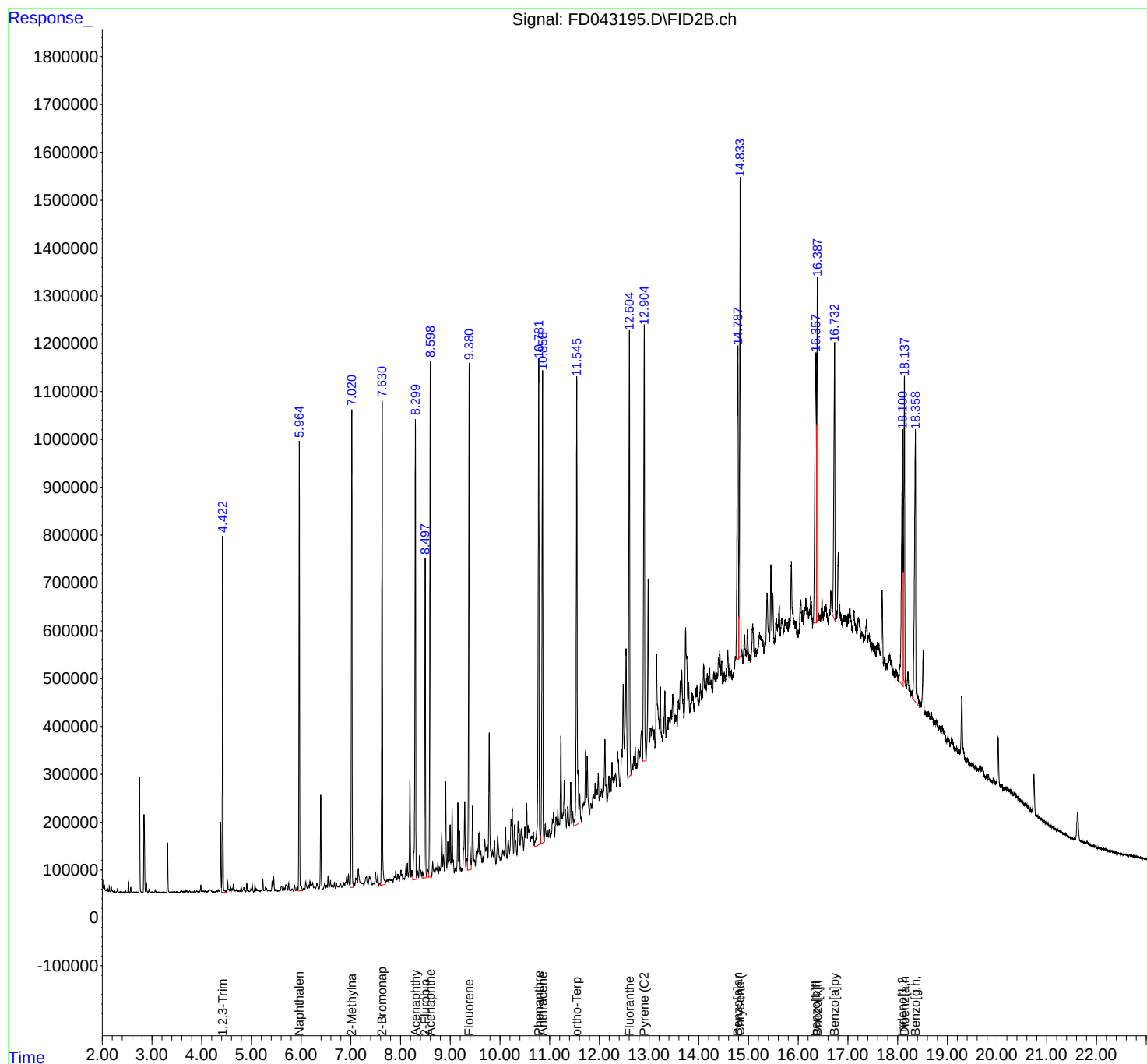
Instrument :
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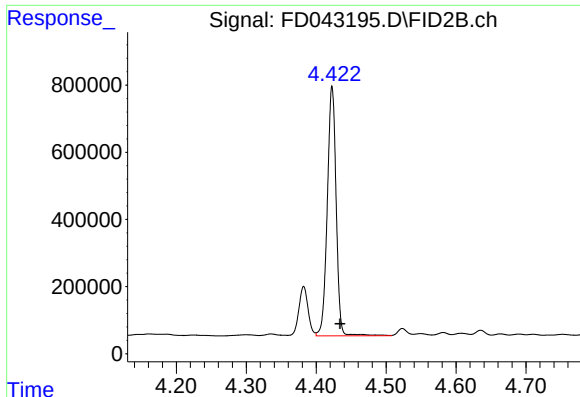
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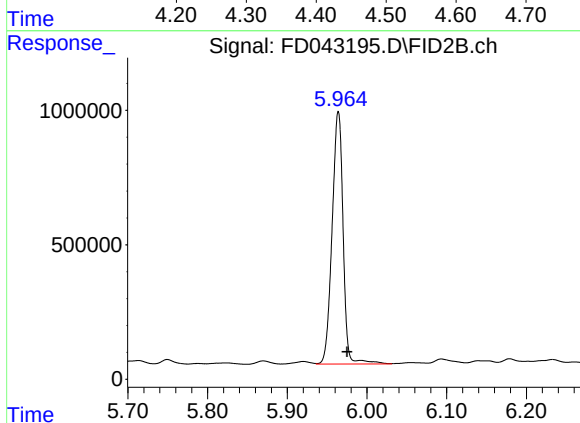
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.423 min
Delta R.T.: -0.011 min
Response: 6551230
Conc: 39.01 ug/ml

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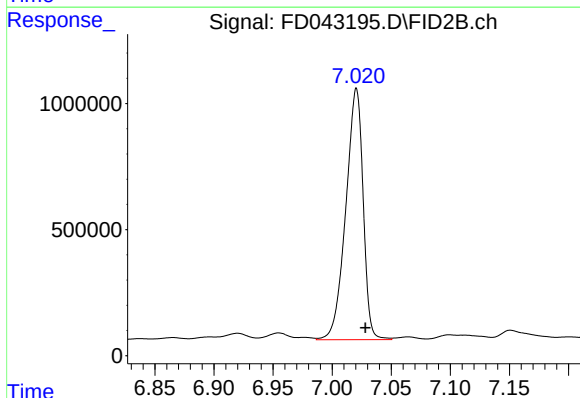
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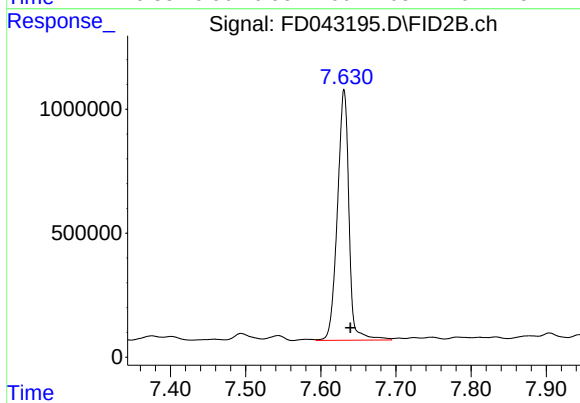
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.011 min
Response: 9029974
Conc: 51.58 ug/ml



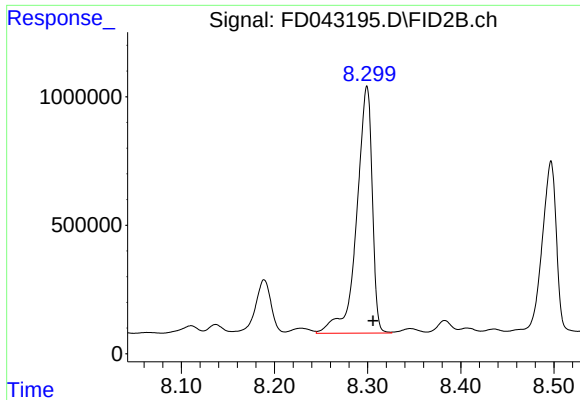
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: -0.008 min
Response: 10179547
Conc: 63.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.631 min
Delta R.T.: -0.009 min
Response: 10782867
Conc: 69.83 ug/ml



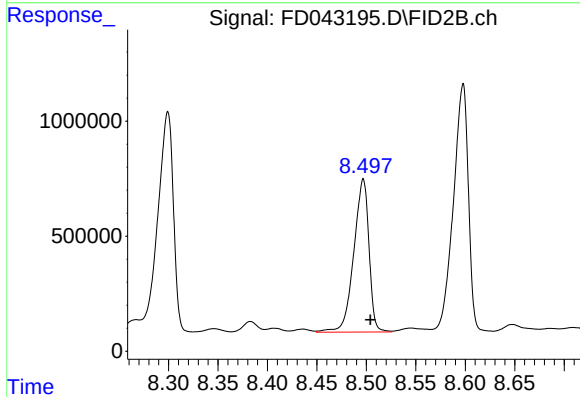
#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: -0.007 min
Response: 11179049
Conc: 62.89 ug/ml

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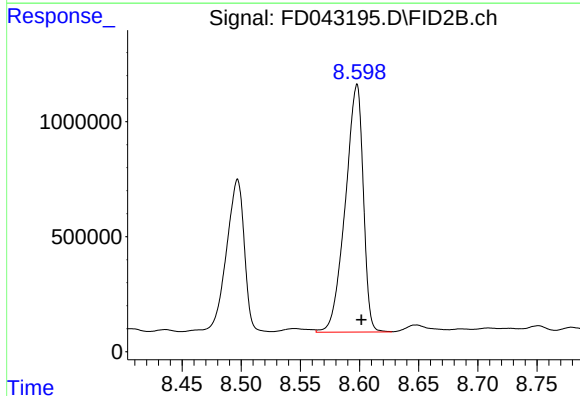
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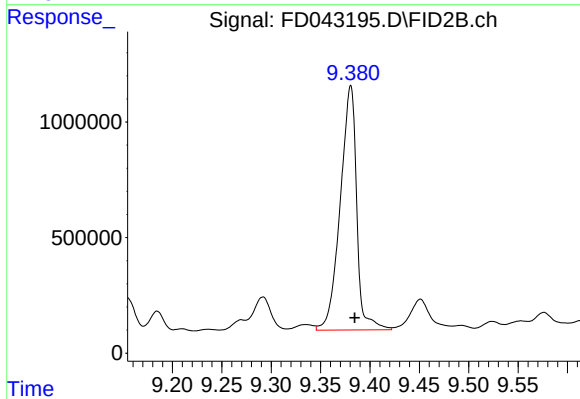
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.496 min
Delta R.T.: -0.008 min
Response: 7127526
Conc: 67.58 ug/ml



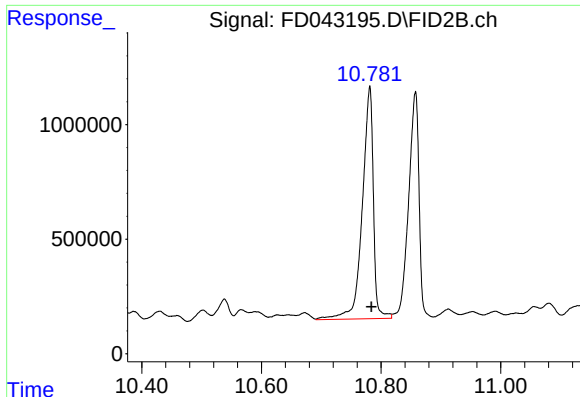
#7 Acenaphthene (C15.5)

R.T.: 8.597 min
Delta R.T.: -0.005 min
Response: 11378725
Conc: 64.98 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.380 min
Delta R.T.: -0.005 min
Response: 12282784
Conc: 70.86 ug/ml



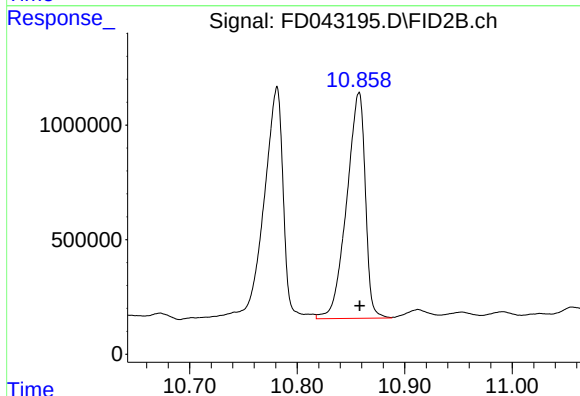
#9 Phenanthrene (C19.36)

R.T.: 10.780 min
Delta R.T.: -0.003 min
Response: 13069816
Conc: 76.20 ug/ml

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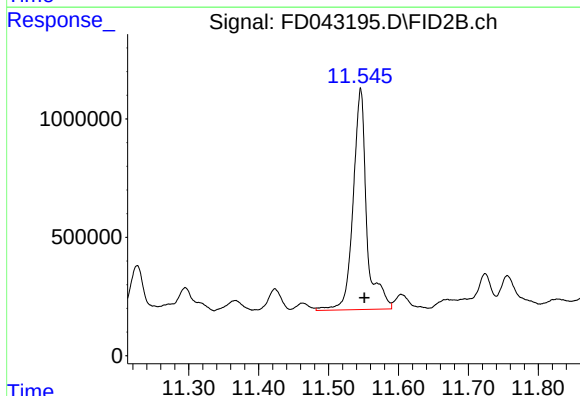
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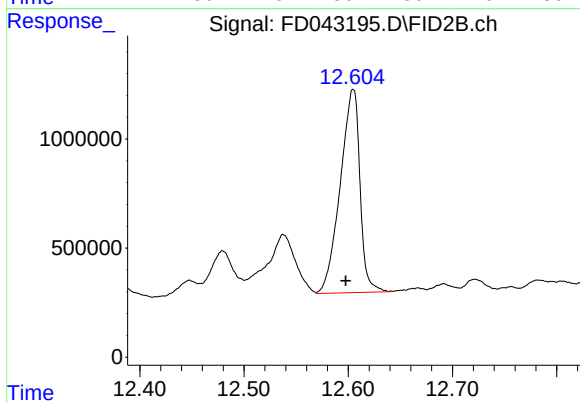
#10 Anthracene (C19.43)

R.T.: 10.857 min
Delta R.T.: -0.001 min
Response: 11906872
Conc: 70.08 ug/ml



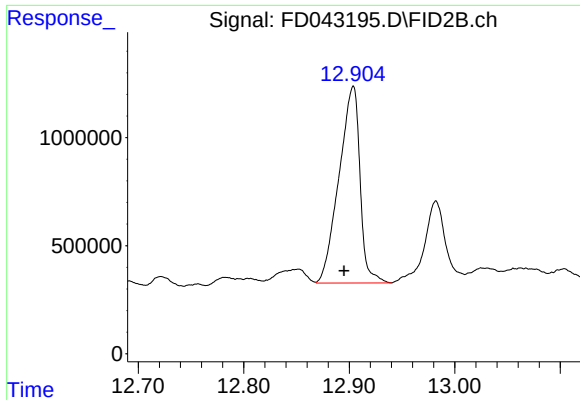
#11 ortho-Terphenyl (SURR)

R.T.: 11.546 min
Delta R.T.: -0.006 min
Response: 12572802
Conc: 69.18 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.604 min
Delta R.T.: 0.006 min
Response: 12285793
Conc: 73.25 ug/ml



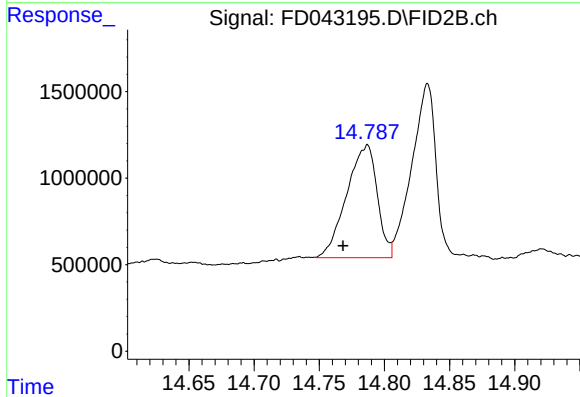
#13 Pyrene (C20.8)

R.T.: 12.904 min
Delta R.T.: 0.009 min
Response: 12595552
Conc: 77.29 ug/ml

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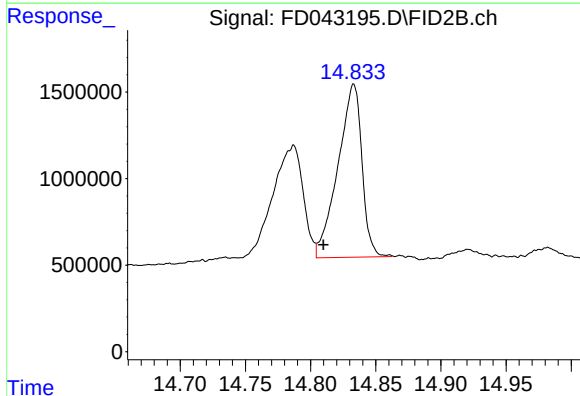
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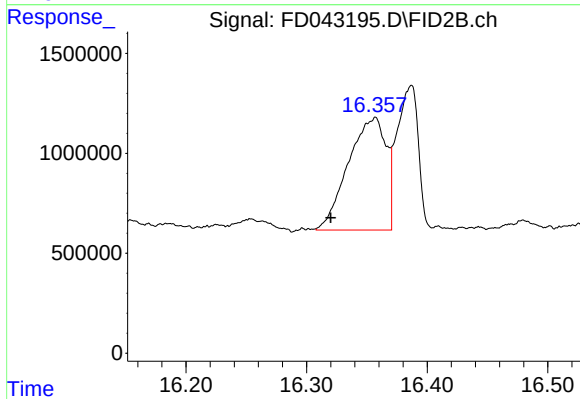
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.018 min
Response: 10638811
Conc: 68.51 ug/ml m



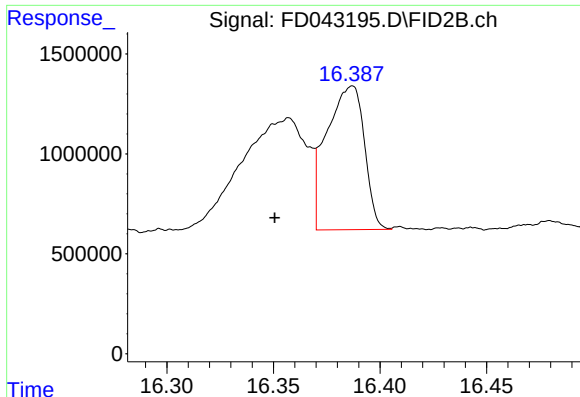
#15 Chrysene (C27.41)

R.T.: 14.833 min
Delta R.T.: 0.023 min
Response: 12792429
Conc: 81.05 ug/ml m



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

R.T.: 16.357 min
Delta R.T.: 0.037 min
Response: 12328748
Conc: 80.88 ug/ml m



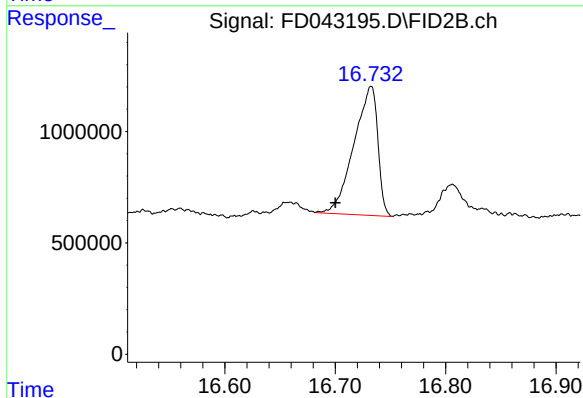
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.387 min
Delta R.T.: 0.036 min
Response: 8777746
Conc: 59.97 ug/ml

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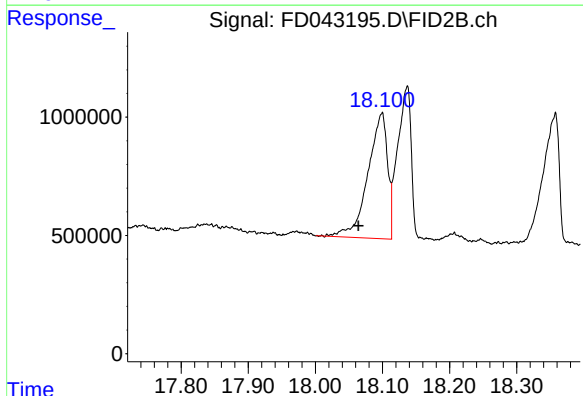
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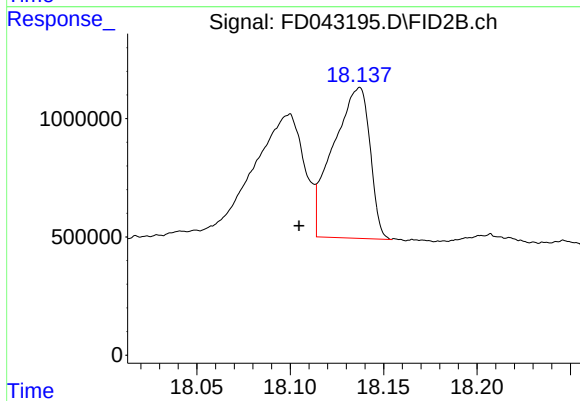
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.732 min
Delta R.T.: 0.032 min
Response: 8701733
Conc: 60.84 ug/ml m



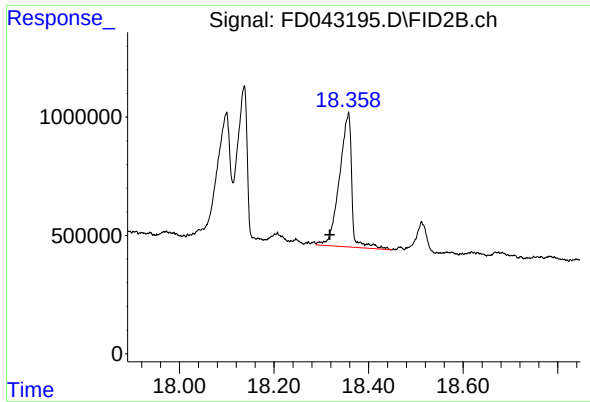
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.098 min
Delta R.T.: 0.034 min
Response: 10796075
Conc: 86.27 ug/ml



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

R.T.: 18.137 min
Delta R.T.: 0.032 min
Response: 8667348
Conc: 64.47 ug/ml m



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

R.T.: 18.356 min
Delta R.T.: 0.038 min
Response: 10282062
Conc: 78.83 ug/ml

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