

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043773.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2022 00:02
 Operator : YP/AJ
 Sample : N4421-09MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-PALM-SP-02-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2022
 Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
 Quant Time: Aug 31 03:56:00 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...	7.448	9534337	55.182 ug/ml
Spiked Amount 50.000		Recovery =	110.36%
6) S 2-Fluorobiphenyl (SURR)	8.303	5281111	52.500 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.00%
11) S ortho-Terphenyl (SURR)	11.346	5097457	24.365 ug/mlm
Spiked Amount 50.000		Recovery =	48.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.251	5580884	28.024 ug/mlm
2) T Naphthalene (C11.7)	5.783	6333853	31.512 ug/mlm
3) T 2-Methylnaphthalene (...)	6.832	8155421	45.183 ug/mlm
5) T Acenaphthylene (C15.06)	8.106	9340821	46.730 ug/mlm
7) T Acenaphthene (C15.5)	8.400	8884867	41.333 ug/ml
8) T Flouorene (C16.55)	9.181	9419916	49.135 ug/ml
9) T Phenanthrene (C19.36)	10.578	9521204	52.947 ug/mlm
10) T Anthracene (C19.43)	10.653	9612971	49.422 ug/ml
12) T Fluoranthene (C21.85)	12.398	9175840	50.315 ug/mlm
13) T Pyrene (C20.8)	12.694	11225902	60.139 ug/ml
14) T Benzo[a]anthracene (C...	14.574	7412973	51.810 ug/ml
15) T Chrysene (C27.41)	14.618	11398196	59.055 ug/ml
16) T benzo[b]fluoranthene ...	16.136	9014084	62.468 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.168	5560438	32.329 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.453	5360886	36.919 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.880	6100128	58.986 ug/mlm
20) T Dibenz[a,h]anthracene...	17.912	6385541	45.376 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.135	7622536	59.876 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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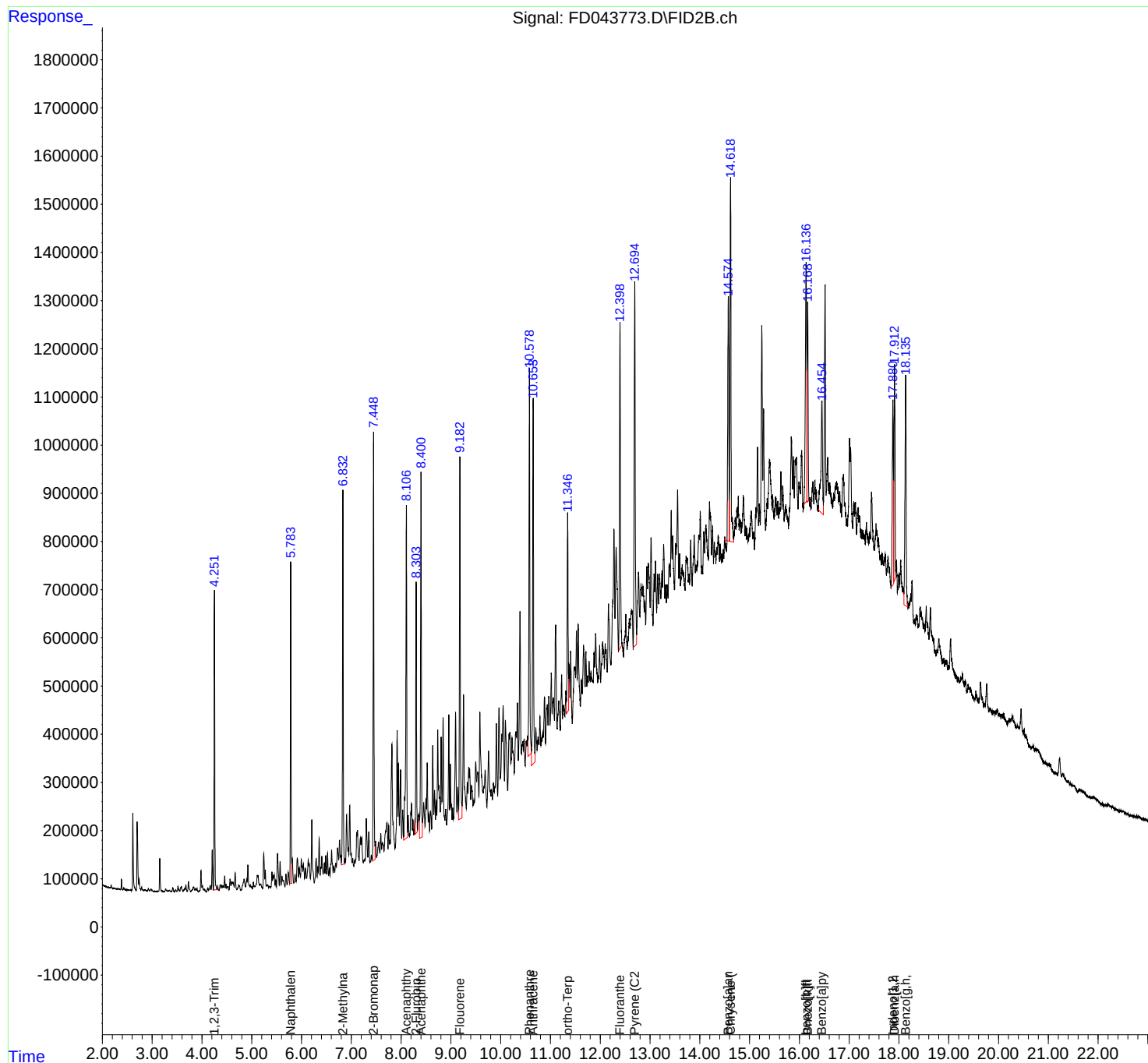
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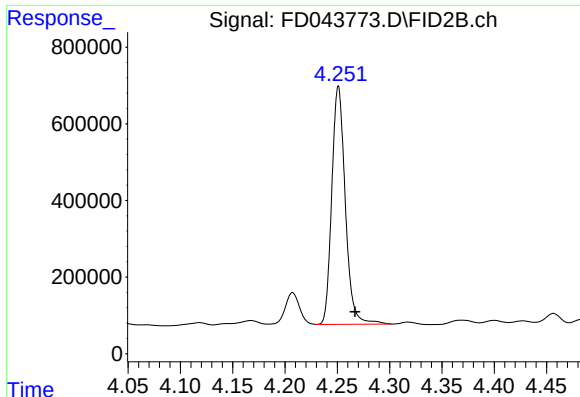
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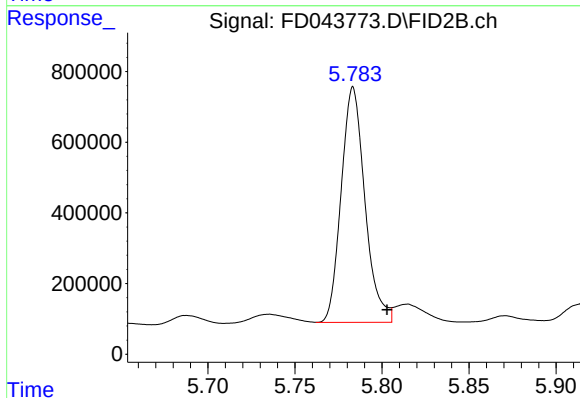
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.251 min
Delta R.T.: -0.016 min
Response: 5580884
Conc: 28.02 ug/ml

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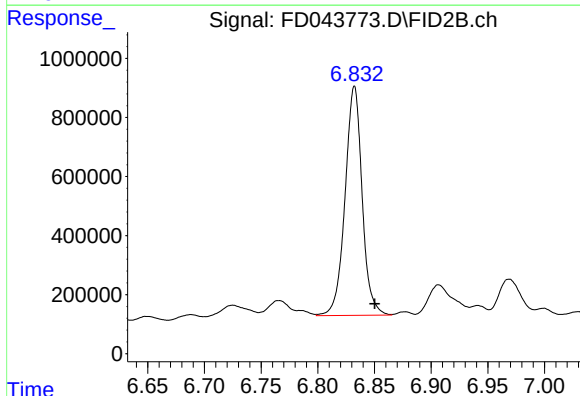
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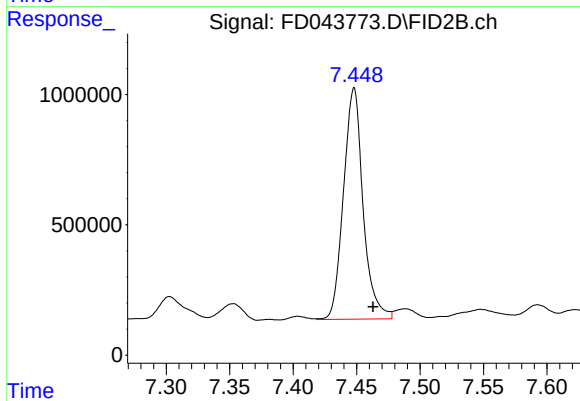
#2 Naphthalene (C11.7)

R.T.: 5.783 min
Delta R.T.: -0.020 min
Response: 6333853
Conc: 31.51 ug/ml m



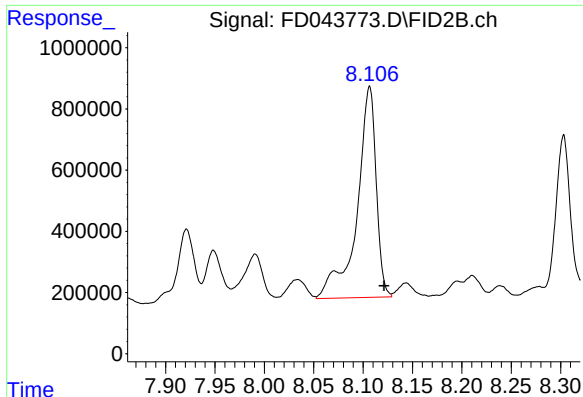
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.832 min
Delta R.T.: -0.018 min
Response: 8155421
Conc: 45.18 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.448 min
Delta R.T.: -0.015 min
Response: 9534337
Conc: 55.18 ug/ml



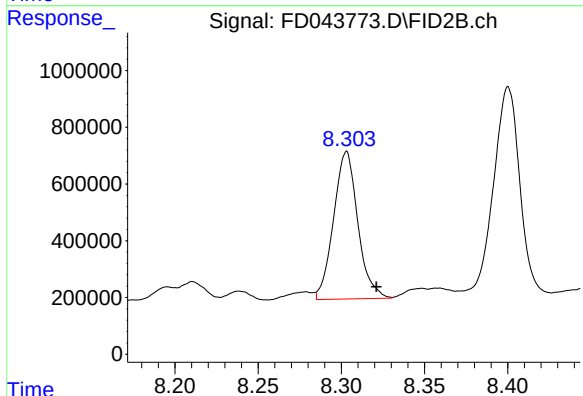
#5 Acenaphthylene (C15.06)

R.T.: 8.106 min
Delta R.T.: -0.015 min
Response: 9340821
Conc: 46.73 ug/ml

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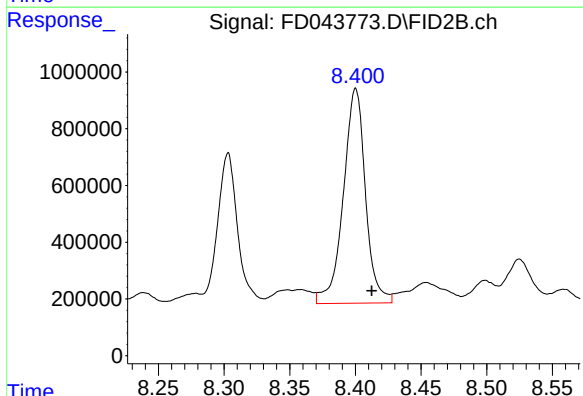
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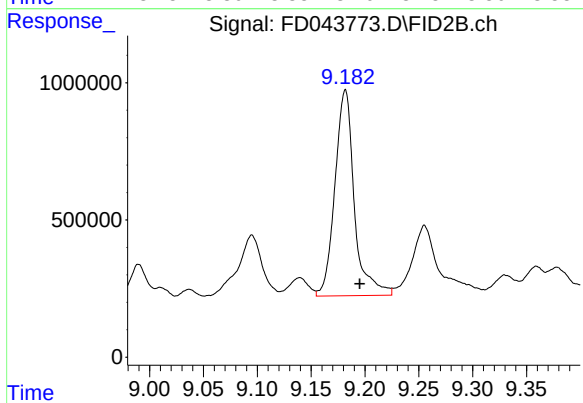
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.303 min
Delta R.T.: -0.018 min
Response: 5281111
Conc: 52.50 ug/ml m



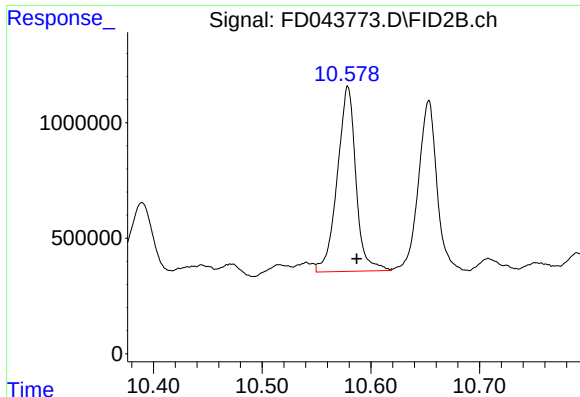
#7 Acenaphthene (C15.5)

R.T.: 8.400 min
Delta R.T.: -0.012 min
Response: 8884867
Conc: 41.33 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.181 min
Delta R.T.: -0.014 min
Response: 9419916
Conc: 49.14 ug/ml



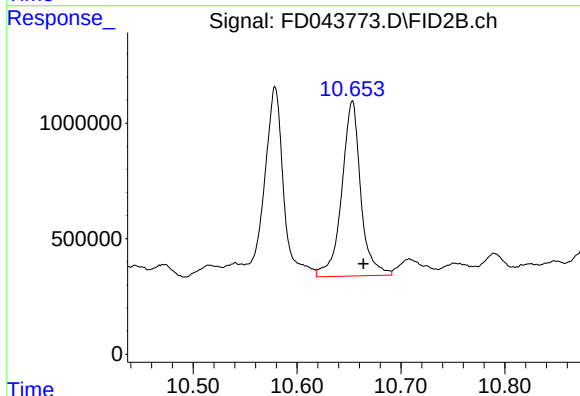
#9 Phenanthrene (C19.36)

R.T.: 10.578 min
Delta R.T.: -0.009 min
Response: 9521204
Conc: 52.95 ug/ml

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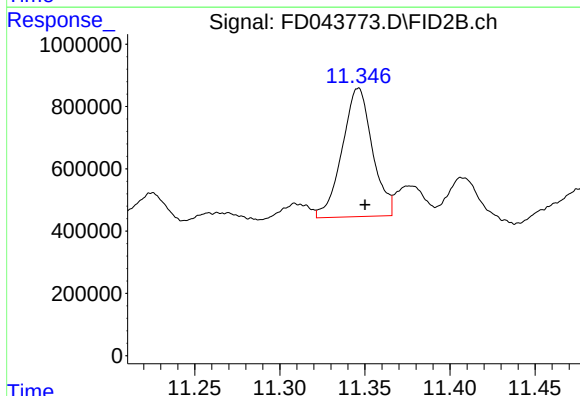
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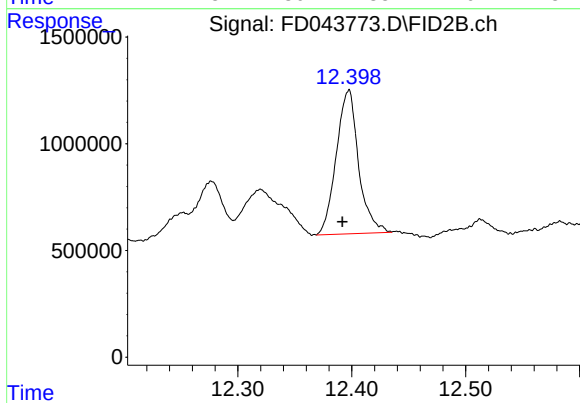
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: -0.011 min
Response: 9612971
Conc: 49.42 ug/ml



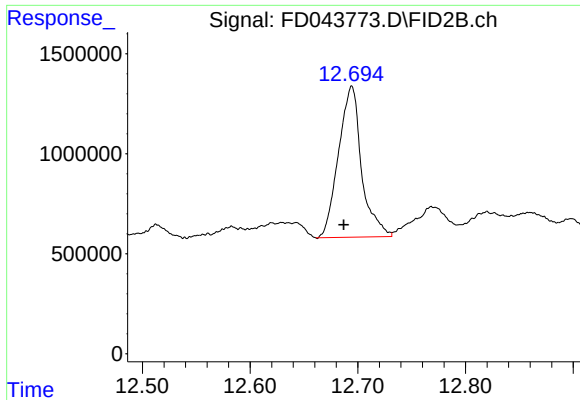
#11 ortho-Terphenyl (SURR)

R.T.: 11.346 min
Delta R.T.: -0.004 min
Response: 5097457
Conc: 24.37 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.398 min
Delta R.T.: 0.006 min
Response: 9175840
Conc: 50.32 ug/ml m



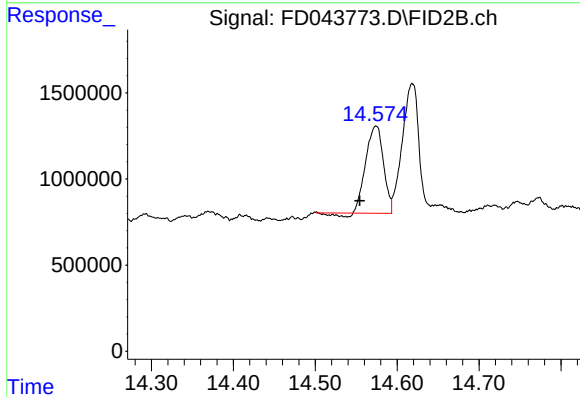
#13 Pyrene (C20.8)

R.T.: 12.694 min
Delta R.T.: 0.007 min
Response: 11225902
Conc: 60.14 ug/ml

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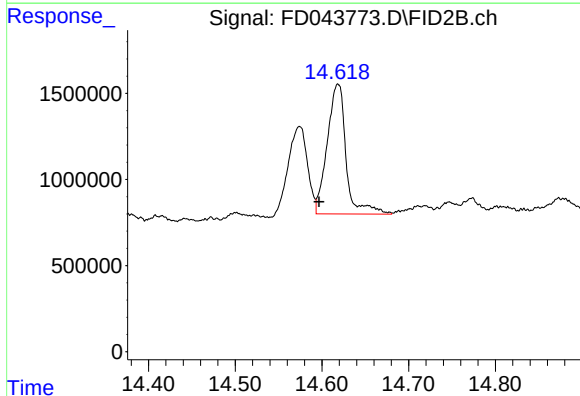
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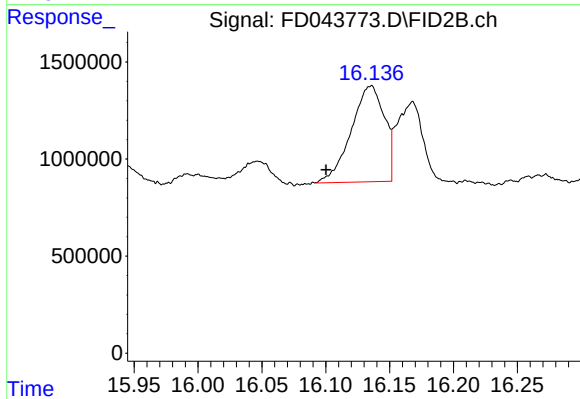
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.574 min
Delta R.T.: 0.020 min
Response: 7412973
Conc: 51.81 ug/ml



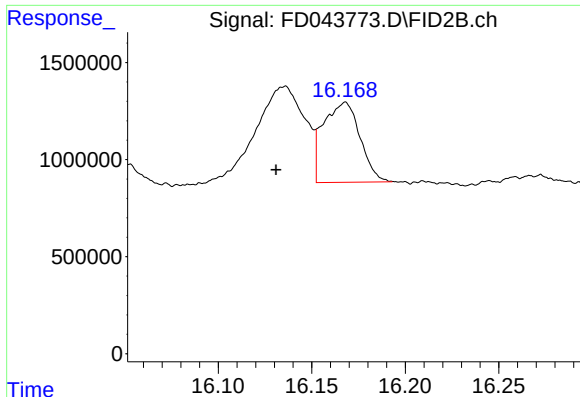
#15 Chrysene (C27.41)

R.T.: 14.618 min
Delta R.T.: 0.022 min
Response: 11398196
Conc: 59.05 ug/ml



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

R.T.: 16.136 min
Delta R.T.: 0.036 min
Response: 9014084
Conc: 62.47 ug/ml m



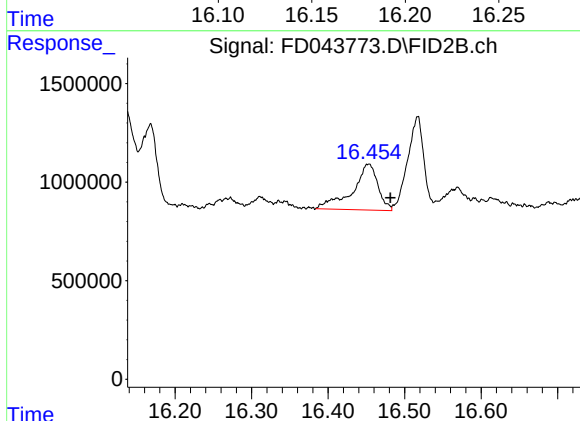
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.168 min
Delta R.T.: 0.037 min
Response: 5560438
Conc: 32.33 ug/ml

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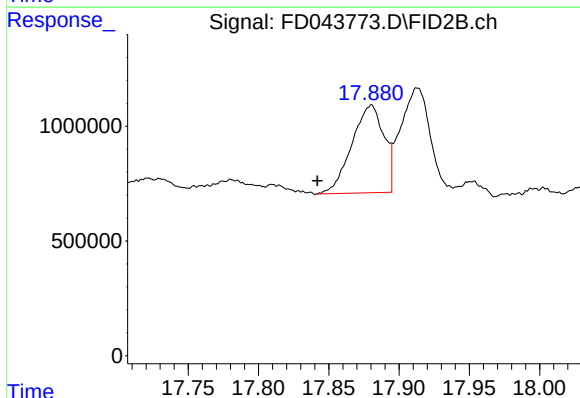
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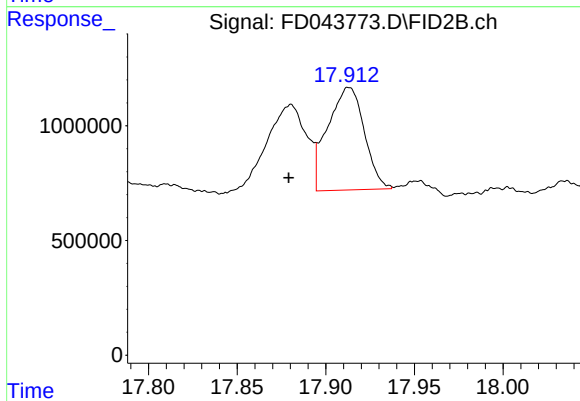
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.453 min
Delta R.T.: -0.029 min
Response: 5360886
Conc: 36.92 ug/ml



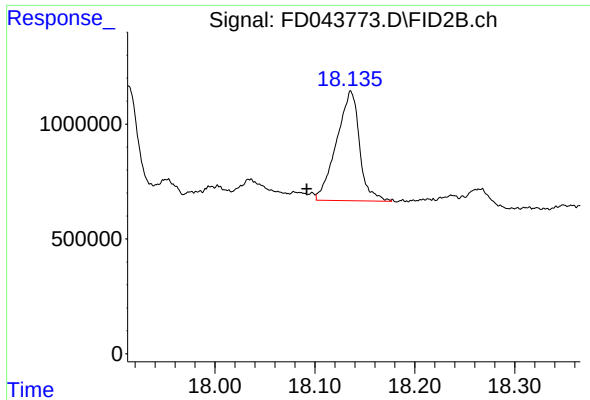
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min
Delta R.T.: 0.038 min
Response: 6100128
Conc: 58.99 ug/ml m



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

R.T.: 17.912 min
Delta R.T.: 0.033 min
Response: 6385541
Conc: 45.38 ug/ml m



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

R.T.: 18.135 min
Delta R.T.: 0.043 min
Response: 7622536
Conc: 59.88 ug/ml

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