

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043774.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2022 00:51
 Operator : YP/AJ
 Sample : N4421-09MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

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

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 03:56:08 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...	7.447	9127091	52.825 ug/ml
Spiked Amount 50.000		Recovery =	105.65%
6) S 2-Fluorobiphenyl (SURR)	8.302	5982082	59.468 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.94%
11) S ortho-Terphenyl (SURR)	11.346	4786250	22.878 ug/mlm
Spiked Amount 50.000		Recovery =	45.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.251	5345613	26.843 ug/mlm
2) T Naphthalene (C11.7)	5.783	6100091	30.349 ug/mlm
3) T 2-Methylnaphthalene (...)	6.832	7833822	43.401 ug/mlm
5) T Acenaphthylene (C15.06)	8.105	8865536	44.352 ug/mlm
7) T Acenaphthene (C15.5)	8.400	7890841	36.709 ug/mlm
8) T Flouorene (C16.55)	9.181	8995784	46.923 ug/ml
9) T Phenanthrene (C19.36)	10.578	9076397	50.473 ug/mlm
10) T Anthracene (C19.43)	10.653	9071844	46.640 ug/ml
12) T Fluoranthene (C21.85)	12.397	8669575	47.539 ug/mlm
13) T Pyrene (C20.8)	12.693	10551713	56.528 ug/ml
14) T Benzo[a]anthracene (C...	14.573	7936449	55.469 ug/ml
15) T Chrysene (C27.41)	14.617	10780837	55.856 ug/ml
16) T benzo[b]fluoranthene ...	16.134	8340832	57.802 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.163	5700687	33.145 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.451	5080845	34.991 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.880	5681119	54.934 ug/mlm
20) T Dibenz[a,h]anthracene...	17.913	5798151	41.202 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.134	7082606	55.635 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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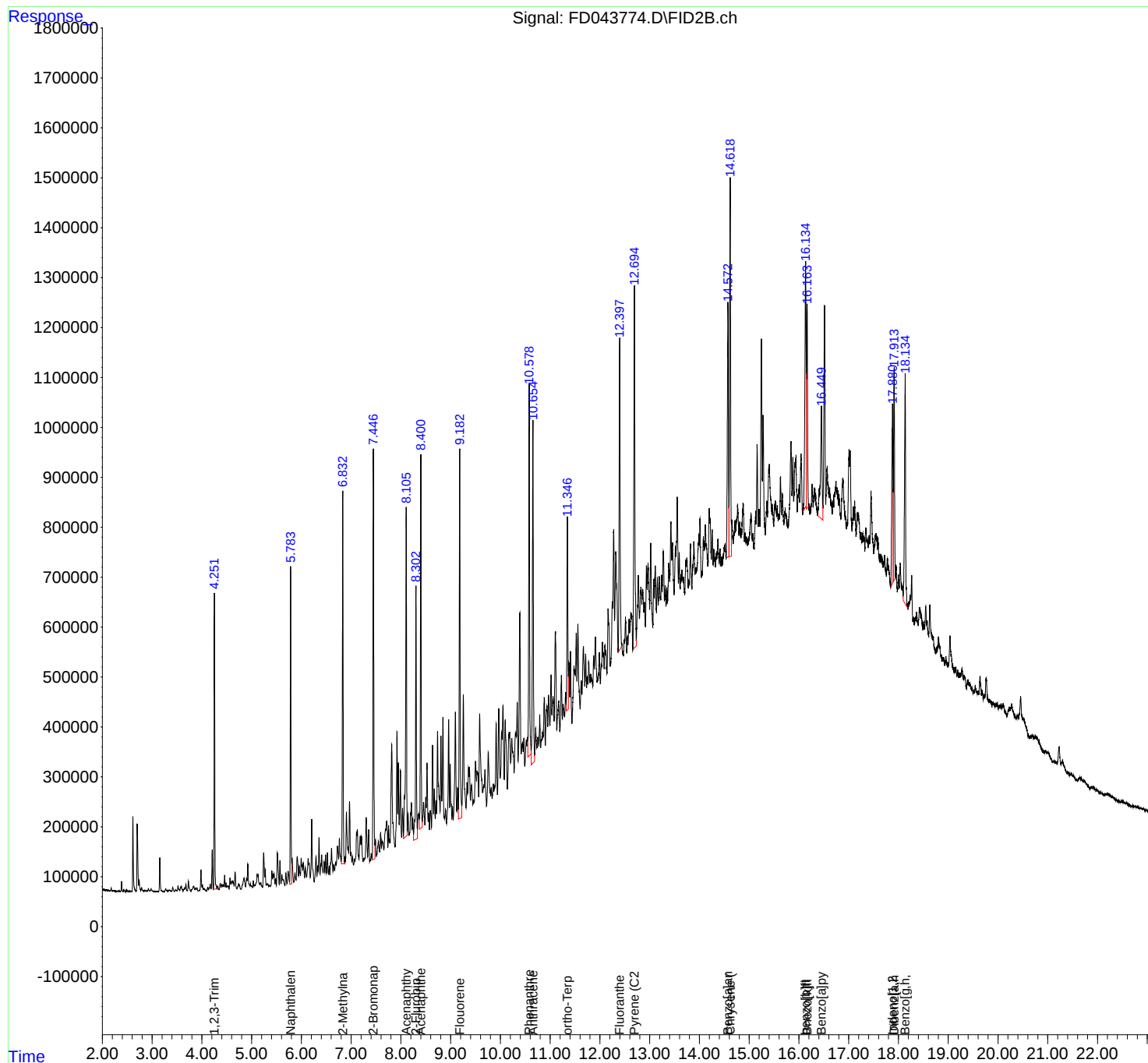
Instrument :
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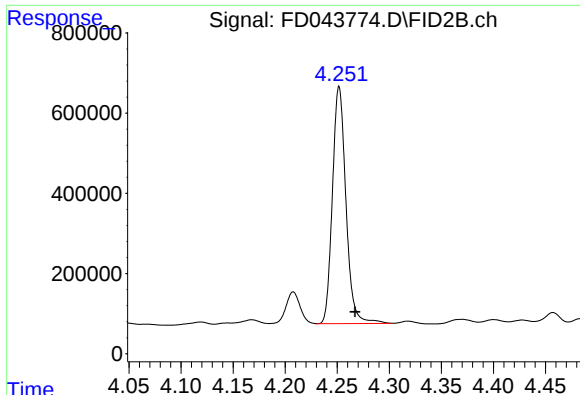
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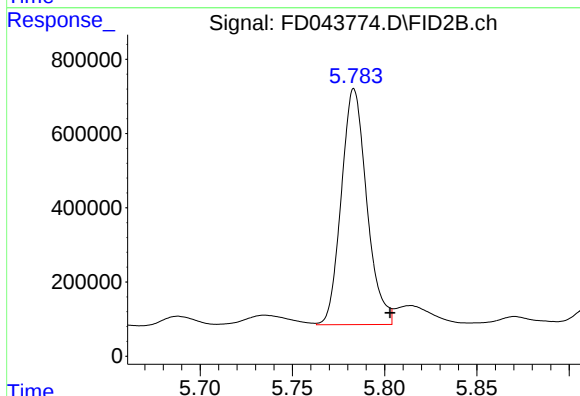
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.251 min
Delta R.T.: -0.016 min
Response: 5345613
Conc: 26.84 ug/ml

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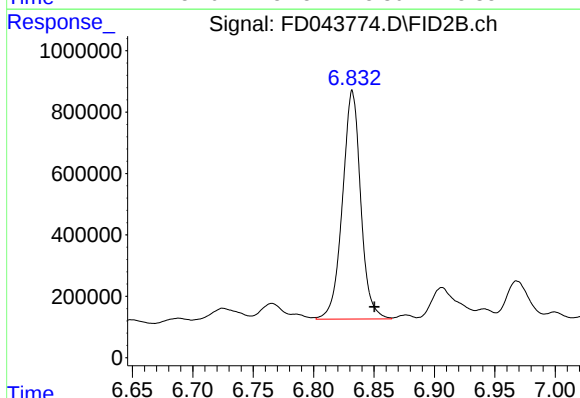
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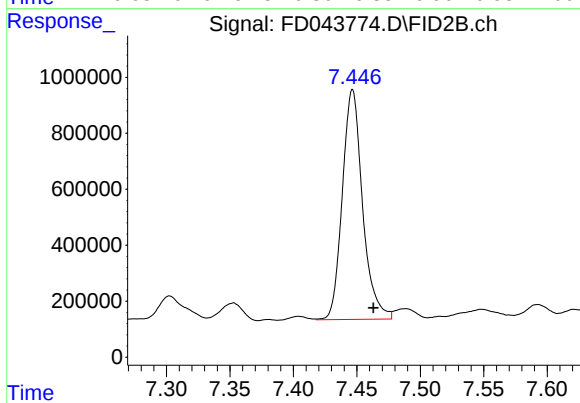
#2 Naphthalene (C11.7)

R.T.: 5.783 min
Delta R.T.: -0.020 min
Response: 6100091
Conc: 30.35 ug/ml m



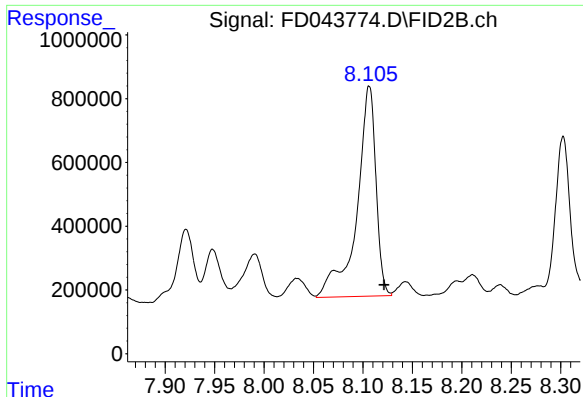
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.832 min
Delta R.T.: -0.019 min
Response: 7833822
Conc: 43.40 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.447 min
Delta R.T.: -0.016 min
Response: 9127091
Conc: 52.82 ug/ml



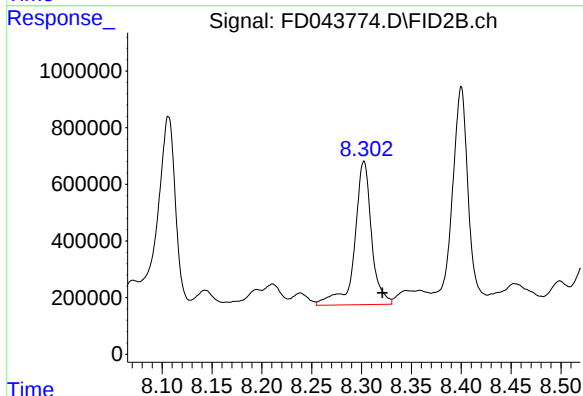
#5 Acenaphthylene (C15.06)

R.T.: 8.105 min
Delta R.T.: -0.016 min
Response: 8865536
Conc: 44.35 ug/ml

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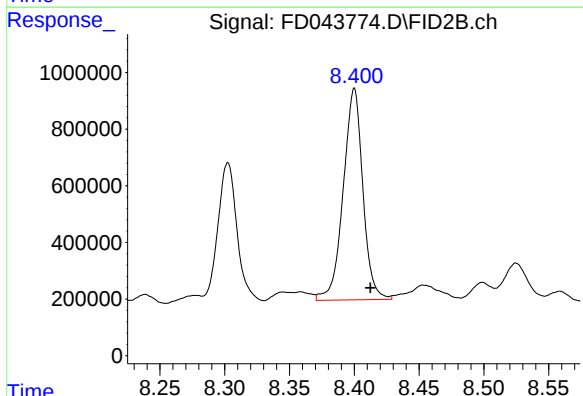
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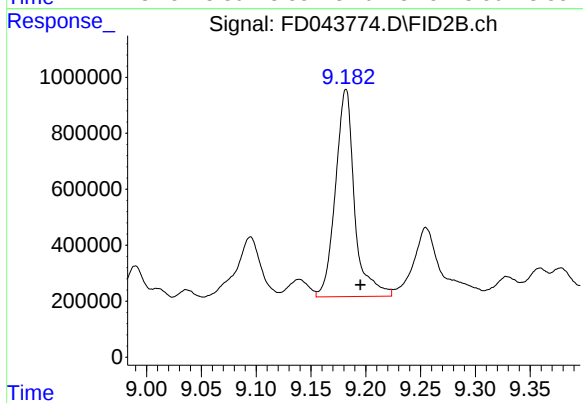
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.302 min
Delta R.T.: -0.019 min
Response: 5982082
Conc: 59.47 ug/ml



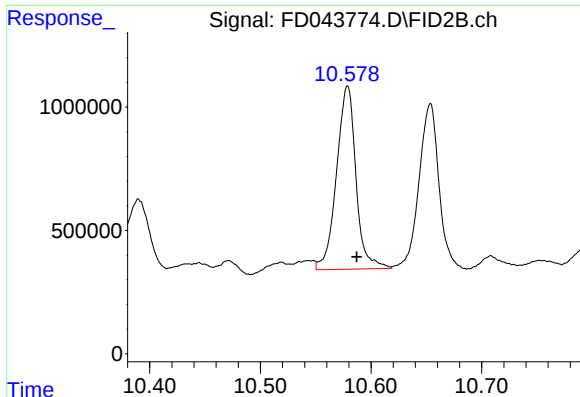
#7 Acenaphthene (C15.5)

R.T.: 8.400 min
Delta R.T.: -0.013 min
Response: 7890841
Conc: 36.71 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.181 min
Delta R.T.: -0.014 min
Response: 8995784
Conc: 46.92 ug/ml



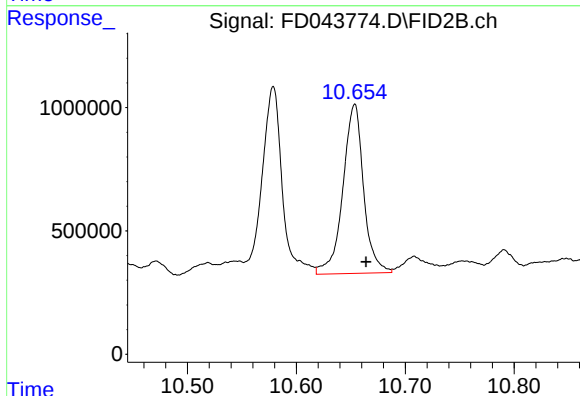
#9 Phenanthrene (C19.36)

R.T.: 10.578 min
Delta R.T.: -0.008 min
Response: 9076397
Conc: 50.47 ug/ml

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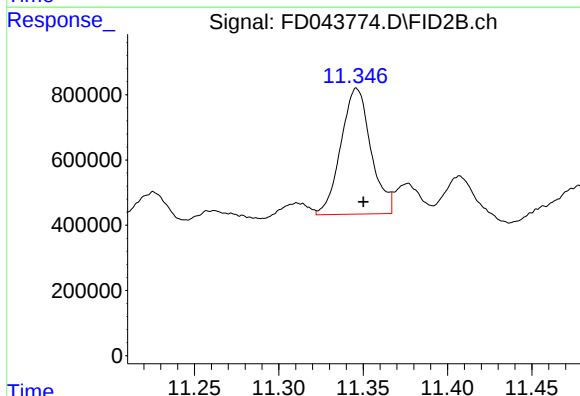
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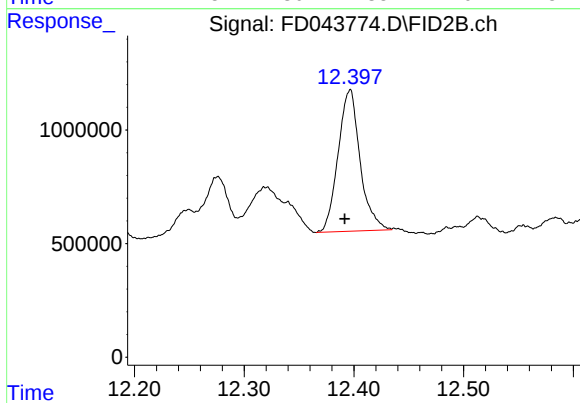
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: -0.011 min
Response: 9071844
Conc: 46.64 ug/ml



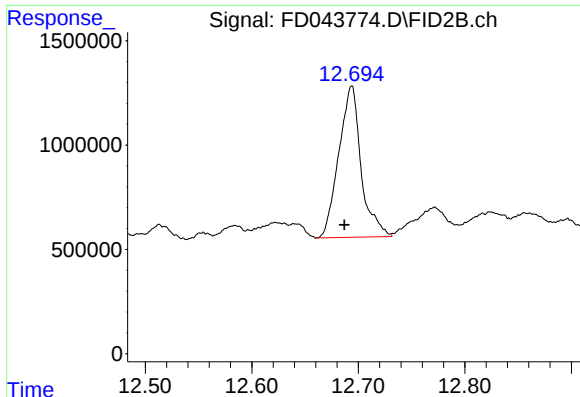
#11 ortho-Terphenyl (SURR)

R.T.: 11.346 min
Delta R.T.: -0.005 min
Response: 4786250
Conc: 22.88 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.397 min
Delta R.T.: 0.005 min
Response: 8669575
Conc: 47.54 ug/ml m



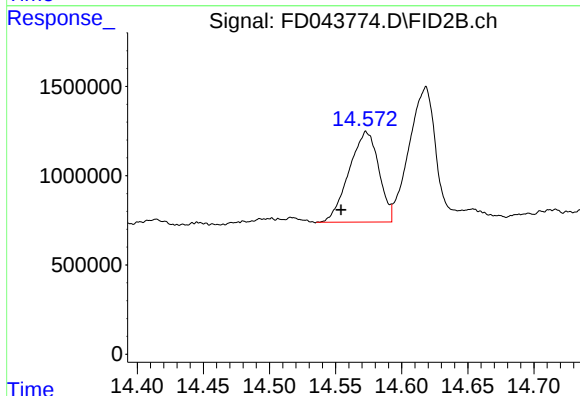
#13 Pyrene (C20.8)

R.T.: 12.693 min
Delta R.T.: 0.007 min
Response: 10551713
Conc: 56.53 ug/ml

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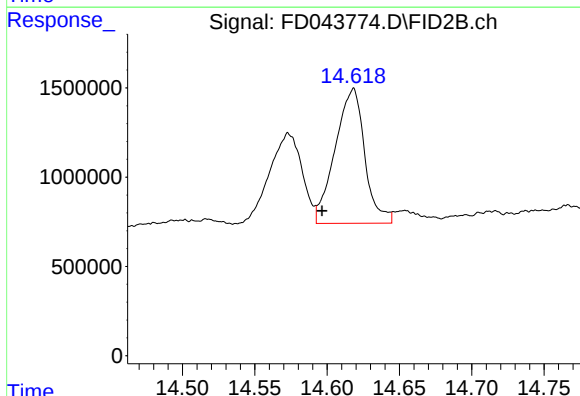
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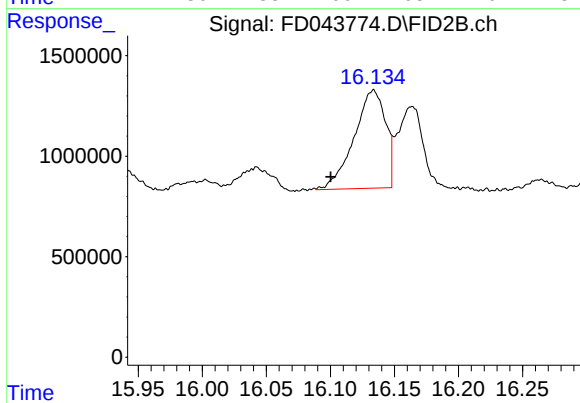
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.573 min
Delta R.T.: 0.019 min
Response: 7936449
Conc: 55.47 ug/ml



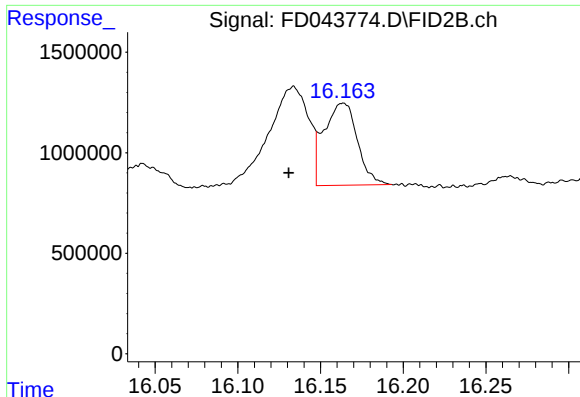
#15 Chrysene (C27.41)

R.T.: 14.617 min
Delta R.T.: 0.021 min
Response: 10780837
Conc: 55.86 ug/ml



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

R.T.: 16.134 min
Delta R.T.: 0.033 min
Response: 8340832
Conc: 57.80 ug/ml m



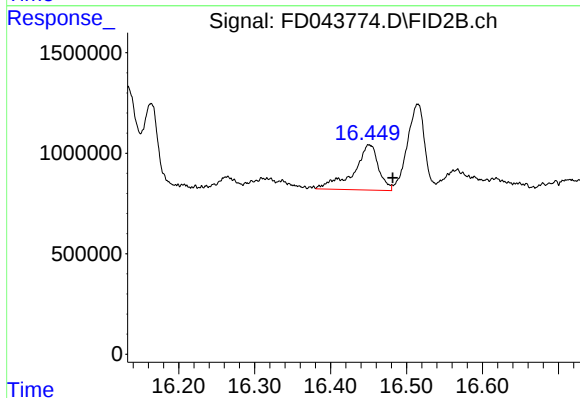
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.163 min
Delta R.T.: 0.033 min
Response: 5700687
Conc: 33.14 ug/ml

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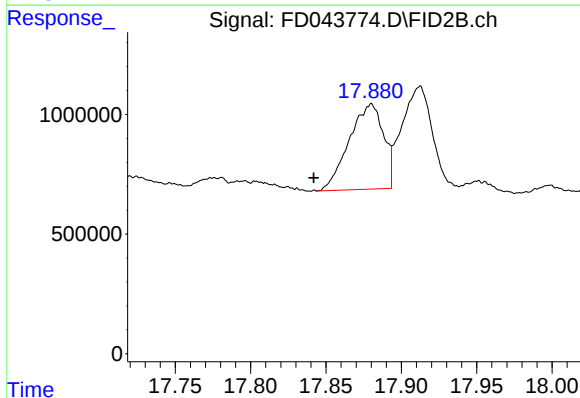
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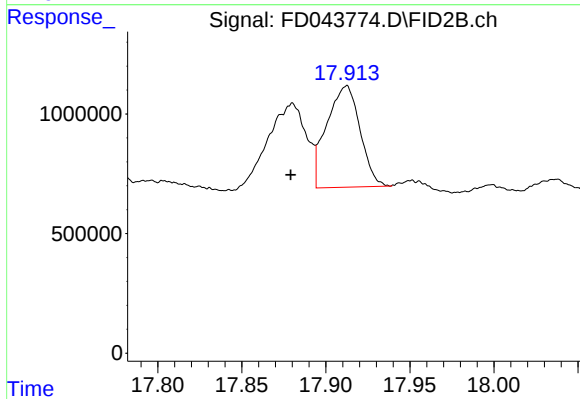
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: -0.030 min
Response: 5080845
Conc: 34.99 ug/ml



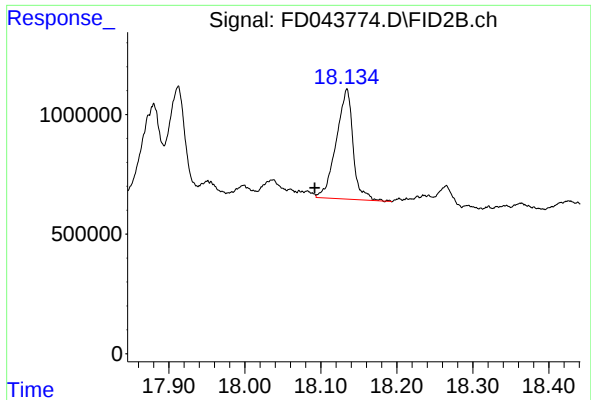
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min
Delta R.T.: 0.038 min
Response: 5681119
Conc: 54.93 ug/ml m



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

R.T.: 17.913 min
Delta R.T.: 0.033 min
Response: 5798151
Conc: 41.20 ug/ml m



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

R.T.: 18.134 min
Delta R.T.: 0.042 min
Response: 7082606
Conc: 55.64 ug/ml

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