

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062322AR\
 Data File : FD043012.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jun 2022 16:55
 Operator : UA/NP
 Sample : PB145777BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145777BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2022
 Supervised By :Ankita Jodhani 06/24/2022

Integration File: autoint1.e
 Quant Time: Jun 24 02:18:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.649	6234429	40.798 ug/ml
Spiked Amount 50.000		Recovery =	81.60%
6) S 2-Fluorobiphenyl (SURR)	8.515	3467778	33.718 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.44%
11) S ortho-Terphenyl (SURR)	11.563	5599157	31.540 ug/ml
Spiked Amount 50.000		Recovery =	63.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	4511989	26.949 ug/mlm
2) T Naphthalene (C11.7)	5.982	5268825	30.474 ug/ml
3) T 2-Methylnaphthalene (...)	7.038	5473628	34.324 ug/ml
5) T Acenaphthylene (C15.06)	8.318	5494271	31.801 ug/mlm
7) T Acenaphthene (C15.5)	8.615	5646923	32.818 ug/ml
8) T Flouorene (C16.55)	9.398	6074540	36.183 ug/ml
9) T Phenanthrene (C19.36)	10.798	5945923	36.158 ug/ml
10) T Anthracene (C19.43)	10.873	5833884	38.169 ug/ml
12) T Fluoranthene (C21.85)	12.615	5844780	37.099 ug/ml
13) T Pyrene (C20.8)	12.912	5780306	37.128 ug/ml
14) T Benzo[a]anthracene (C...	14.789	5712584	42.844 ug/ml
15) T Chrysene (C27.41)	14.833	6351018	48.071 ug/ml
16) T benzo[b]fluoranthene ...	16.344	5861095	43.997 ug/ml
17) T Bnezo[k]fluoranthene ...	16.379	5689046	45.932 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.724	5252455	42.437 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.095	5754959	51.632 ug/ml
20) T Dibenz[a,h]anthracene...	18.134	5553487	49.926 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.351	5479472	46.102 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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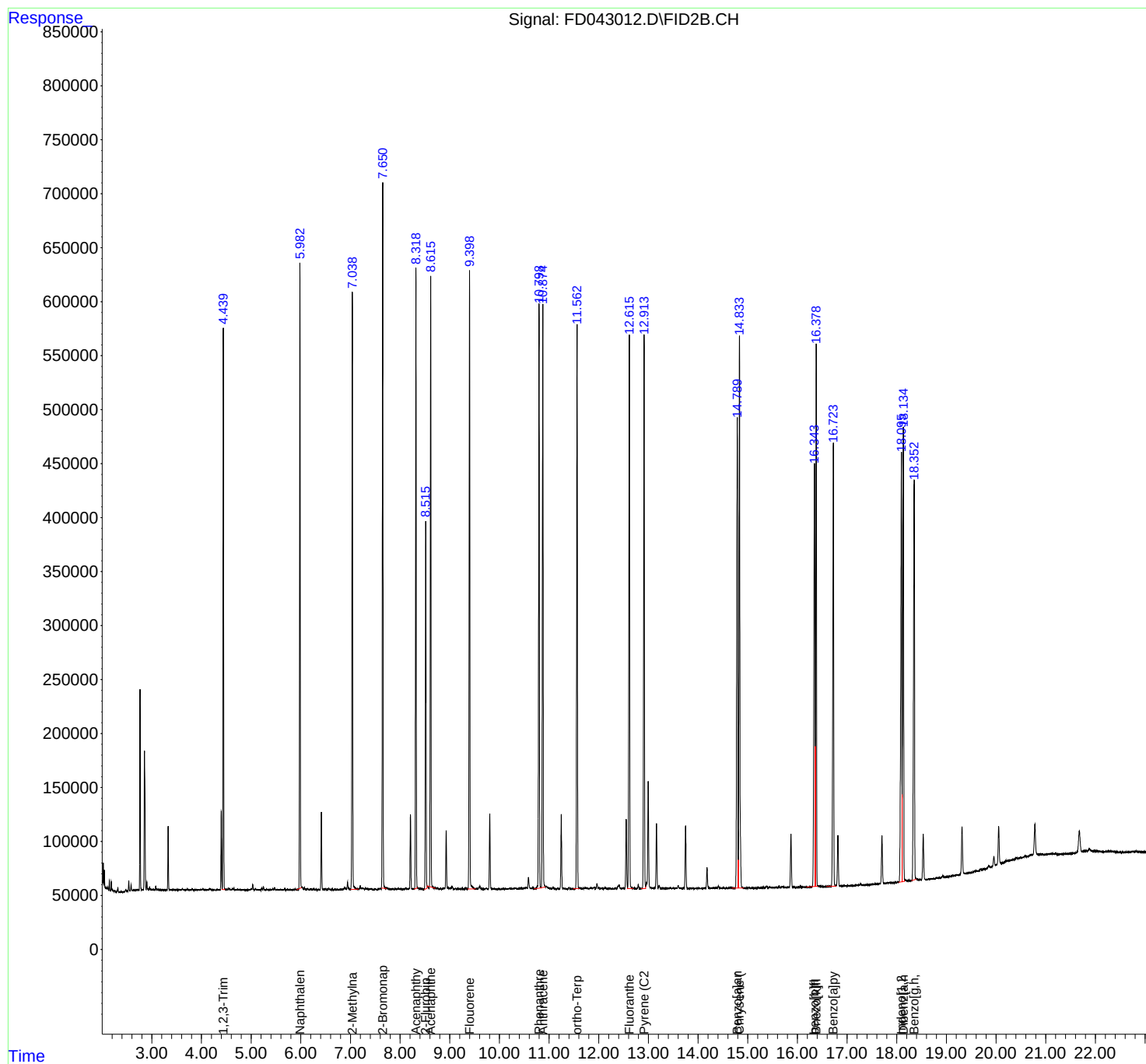
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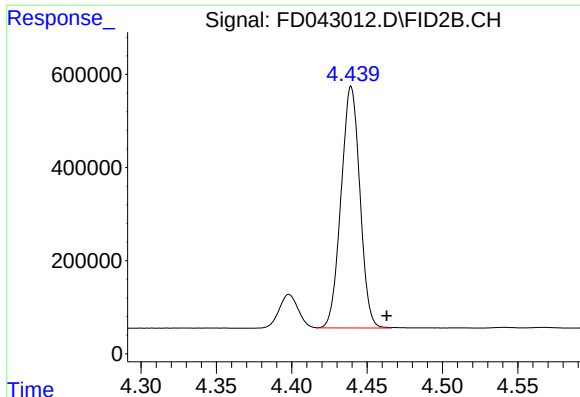
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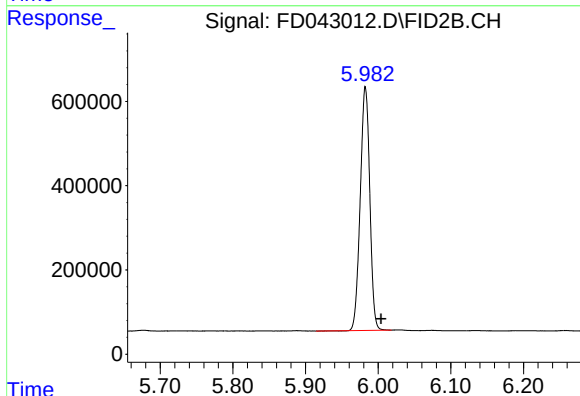
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.439 min
Delta R.T.: -0.024 min
Response: 4511989
Conc: 26.95 ug/ml

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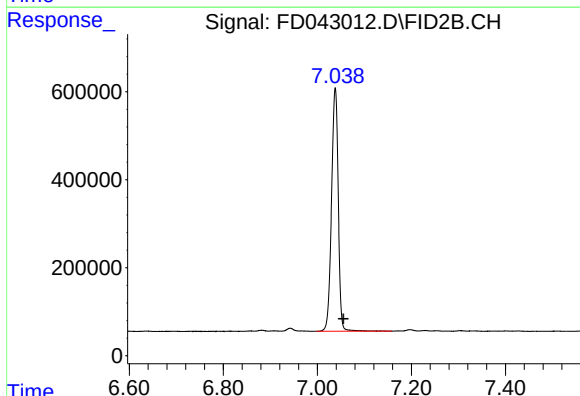
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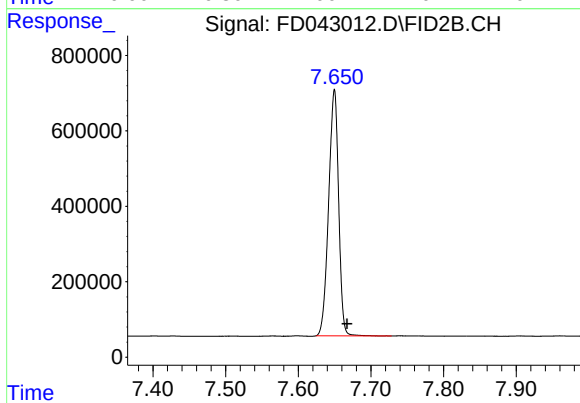
#2 Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.022 min
Response: 5268825
Conc: 30.47 ug/ml



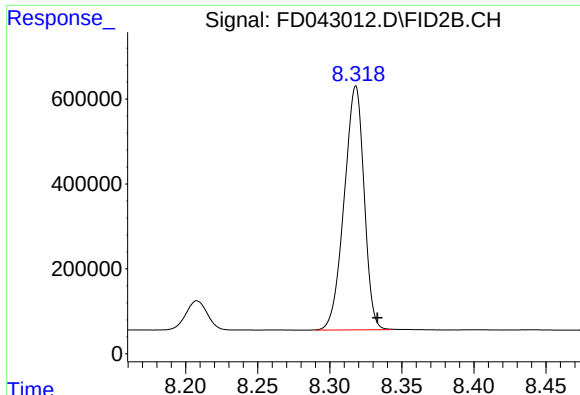
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: -0.018 min
Response: 5473628
Conc: 34.32 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.649 min
Delta R.T.: -0.018 min
Response: 6234429
Conc: 40.80 ug/ml



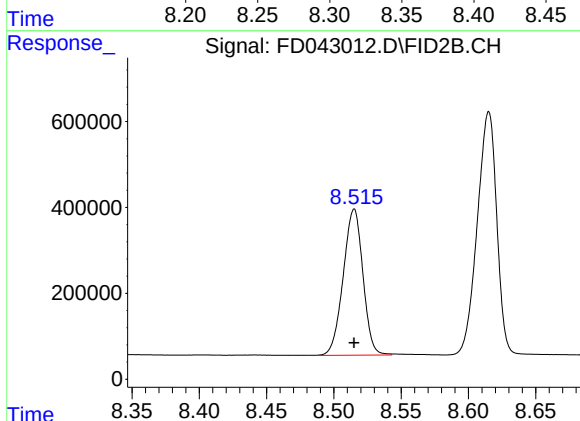
#5 Acenaphthylene (C15.06)

R.T.: 8.318 min
Delta R.T.: -0.015 min
Response: 5494271
Conc: 31.80 ug/ml

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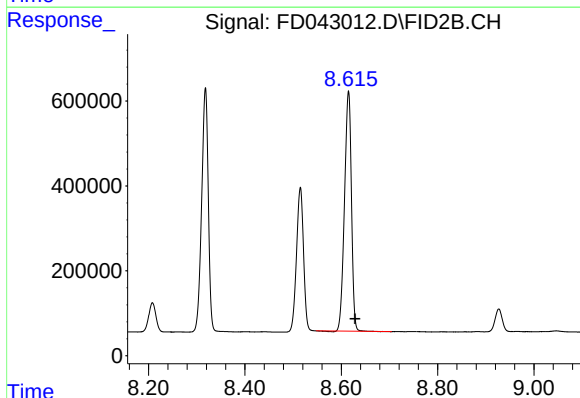
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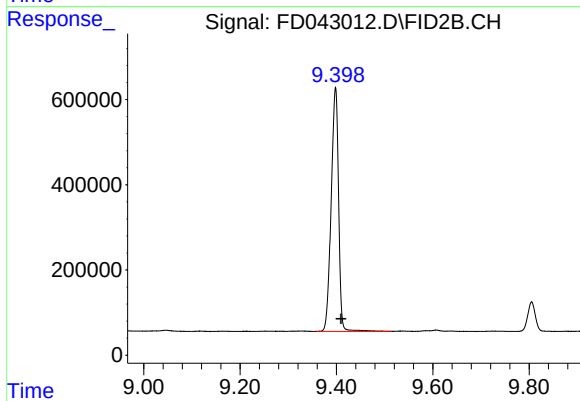
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 3467778
Conc: 33.72 ug/ml m



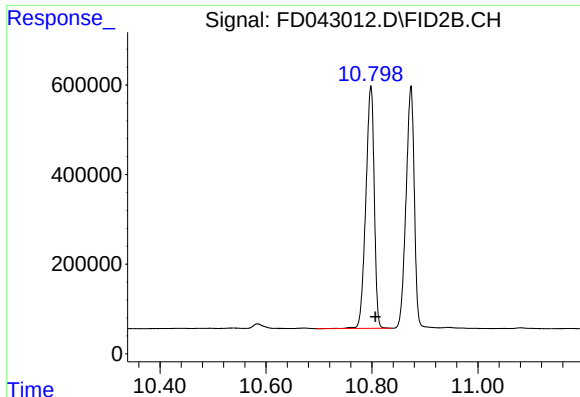
#7 Acenaphthene (C15.5)

R.T.: 8.615 min
Delta R.T.: -0.014 min
Response: 5646923
Conc: 32.82 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.398 min
Delta R.T.: -0.012 min
Response: 6074540
Conc: 36.18 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.798 min
Delta R.T.: -0.009 min
Response: 5945923
Conc: 36.16 ug/ml

Instrument :

FID_D

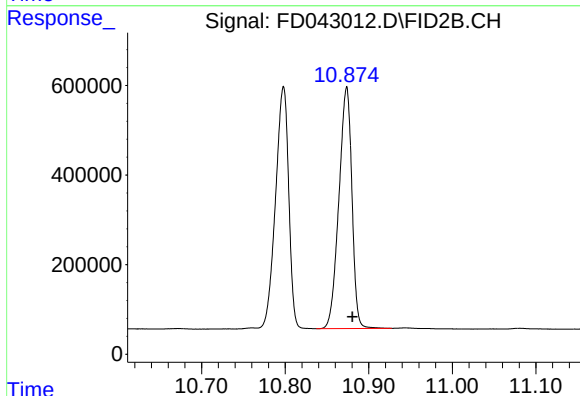
ClientSampleId :

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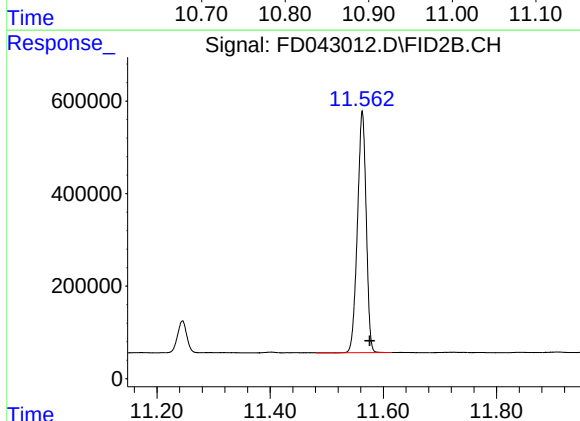
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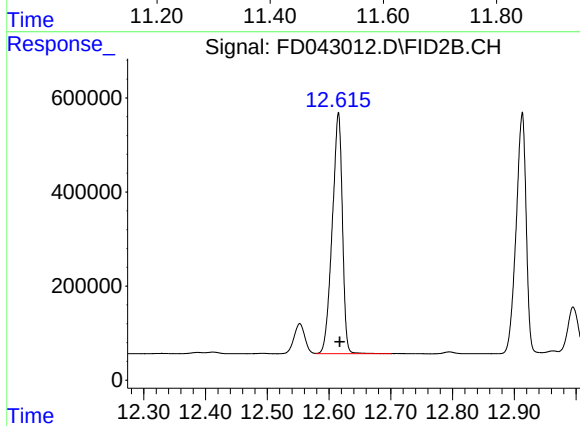
#10 Anthracene (C19.43)

R.T.: 10.873 min
Delta R.T.: -0.007 min
Response: 5833884
Conc: 38.17 ug/ml



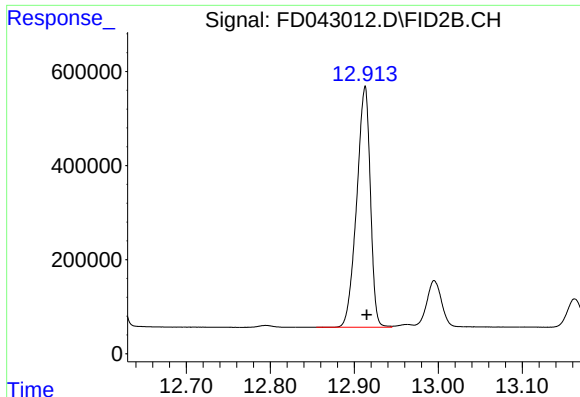
#11 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.014 min
Response: 5599157
Conc: 31.54 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.615 min
Delta R.T.: -0.003 min
Response: 5844780
Conc: 37.10 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.912 min
Delta R.T.: -0.003 min
Response: 5780306
Conc: 37.13 ug/ml

Instrument :

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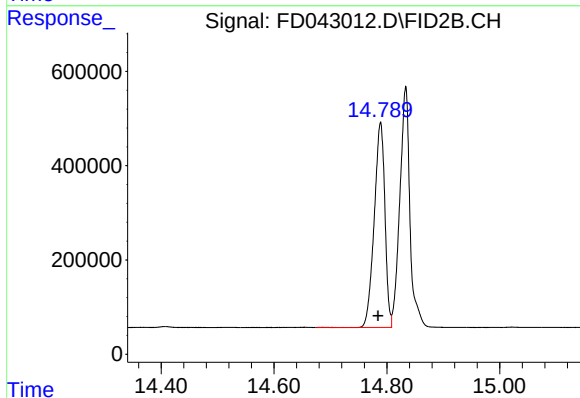
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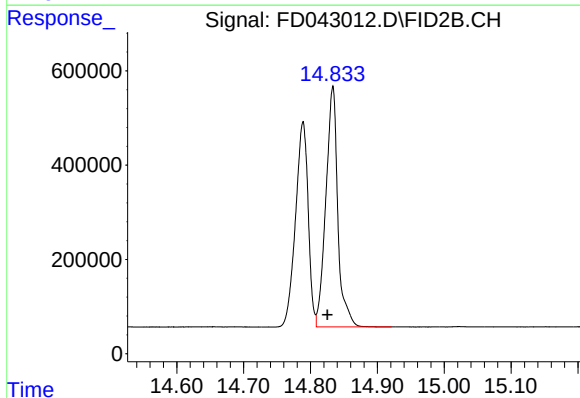
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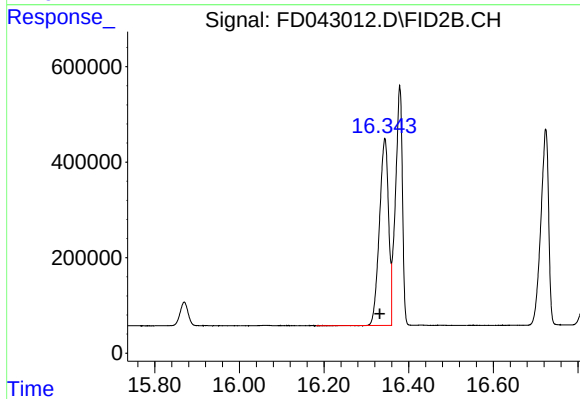
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.789 min
Delta R.T.: 0.004 min
Response: 5712584
Conc: 42.84 ug/ml



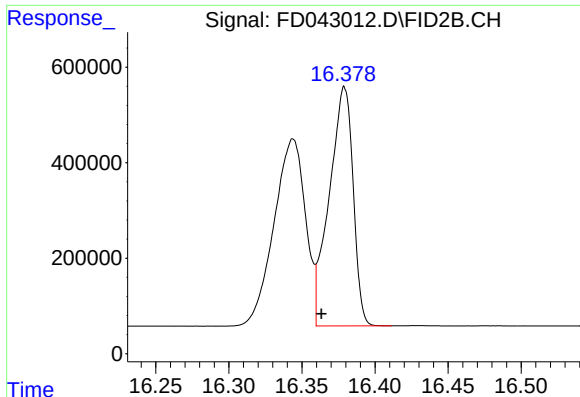
#15 Chrysene (C27.41)

R.T.: 14.833 min
Delta R.T.: 0.008 min
Response: 6351018
Conc: 48.07 ug/ml



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

R.T.: 16.344 min
Delta R.T.: 0.012 min
Response: 5861095
Conc: 44.00 ug/ml



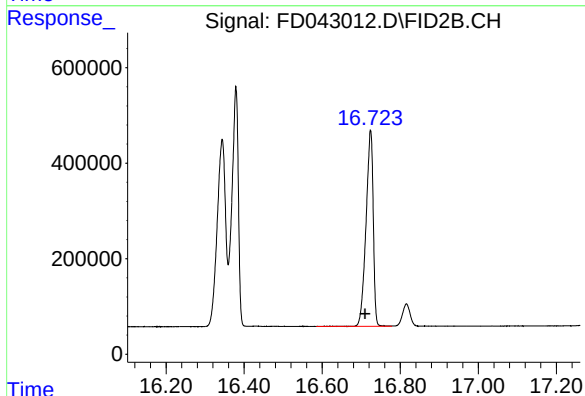
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.379 min
Delta R.T.: 0.015 min
Response: 5689046
Conc: 45.93 ug/ml

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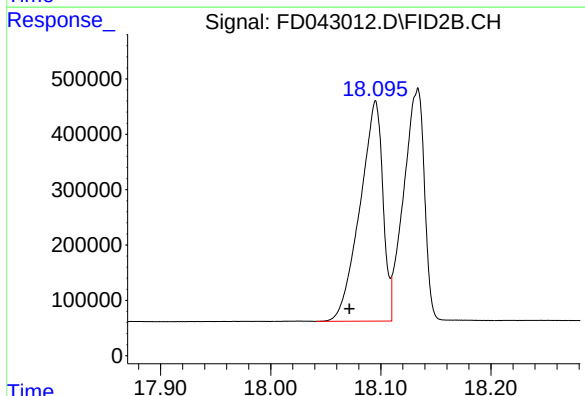
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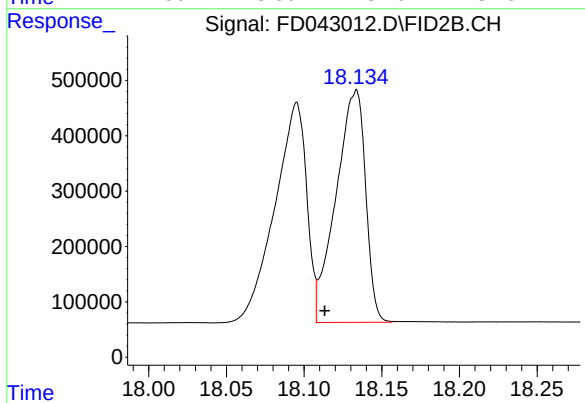
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.724 min
Delta R.T.: 0.014 min
Response: 5252455
Conc: 42.44 ug/ml



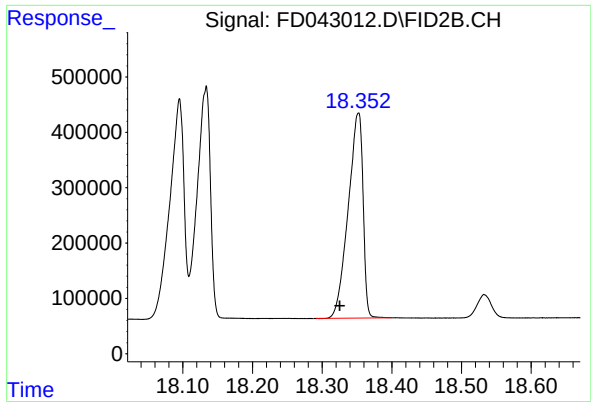
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.095 min
Delta R.T.: 0.023 min
Response: 5754959
Conc: 51.63 ug/ml



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

R.T.: 18.134 min
Delta R.T.: 0.020 min
Response: 5553487
Conc: 49.93 ug/ml m



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

R.T.: 18.351 min
Delta R.T.: 0.026 min
Response: 5479472
Conc: 46.10 ug/ml

Instrument :

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