

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043071.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 00:44
 Operator : YP/AJ
 Sample : N3455-07MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SP-EXC-2-2-GRMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 02:53:39 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...	7.635	7526658	48.745 ug/ml
Spiked Amount 50.000		Recovery =	97.49%
6) S 2-Fluorobiphenyl (SURR)	8.498	4917046	46.618 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.24%
11) S ortho-Terphenyl (SURR)	11.543	6437823	35.421 ug/ml
Spiked Amount 50.000		Recovery =	70.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	4862601	28.952 ug/mlm
2) T Naphthalene (C11.7)	5.970	5942742	33.945 ug/ml
3) T 2-Methylnaphthalene (...)	7.023	6334331	39.382 ug/ml
5) T Acenaphthylene (C15.06)	8.301	6451353	36.295 ug/ml
7) T Acenaphthene (C15.5)	8.598	6836557	39.041 ug/ml
8) T Flouorene (C16.55)	9.379	7002016	40.395 ug/ml
9) T Phenanthrene (C19.36)	10.777	7100594	41.400 ug/ml
10) T Anthracene (C19.43)	10.853	6930063	40.791 ug/ml
12) T Fluoranthene (C21.85)	12.592	6878427	41.012 ug/ml
13) T Pyrene (C20.8)	12.889	6817018	41.830 ug/mlm
14) T Benzo[a]anthracene (C...	14.764	6168313	39.719 ug/mlm
15) T Chrysene (C27.41)	14.807	7071570	44.805 ug/ml
16) T benzo[b]fluoranthene ...	16.318	6090317	39.953 ug/ml
17) T Bnezo[k]fluoranthene ...	16.350	5484555	37.473 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.695	5269515	36.841 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.064	5651110	45.160 ug/ml
20) T Dibenz[a,h]anthracene...	18.101	4993745	37.145 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.321	4781458	36.659 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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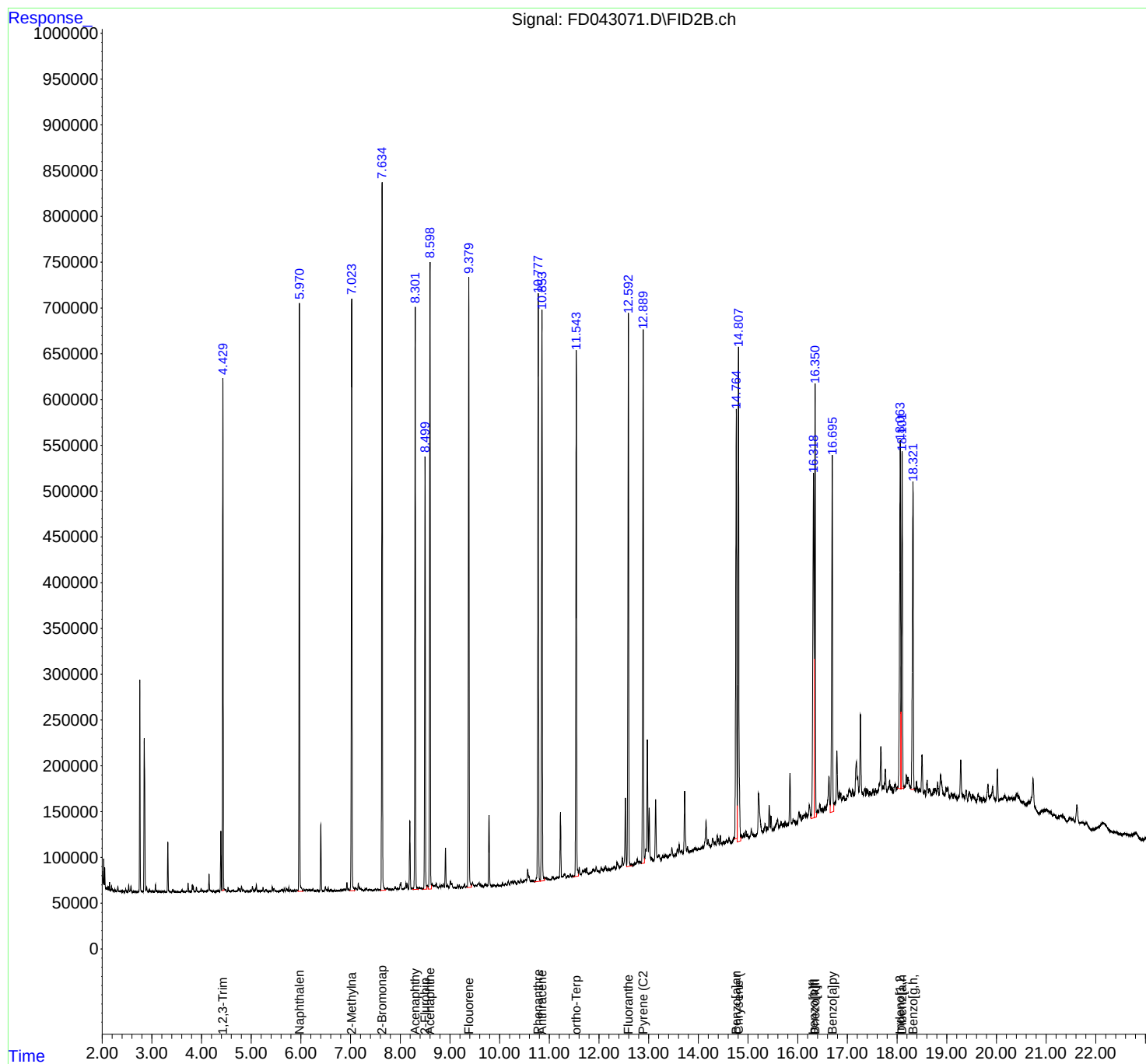
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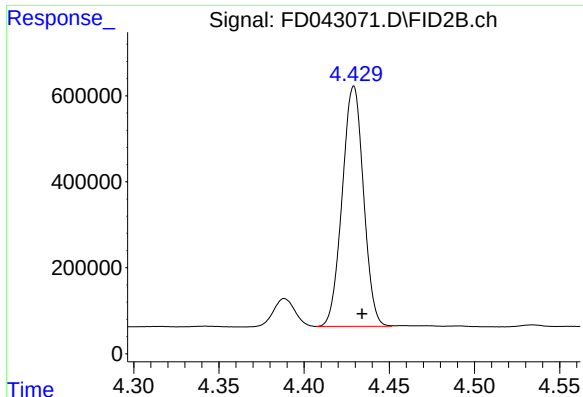
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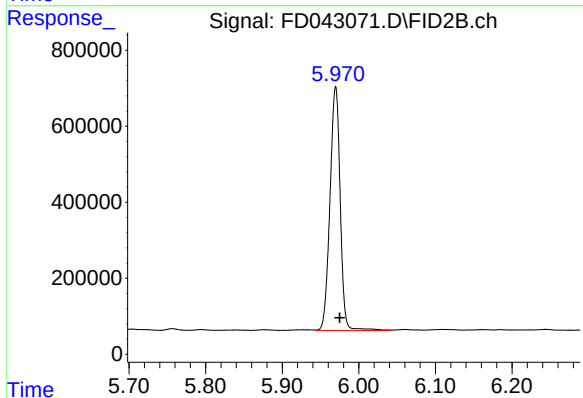
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.429 min
Delta R.T.: -0.005 min
Response: 4862601
Conc: 28.95 ug/ml

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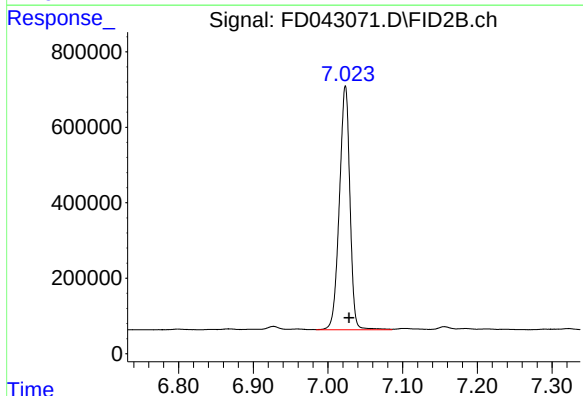
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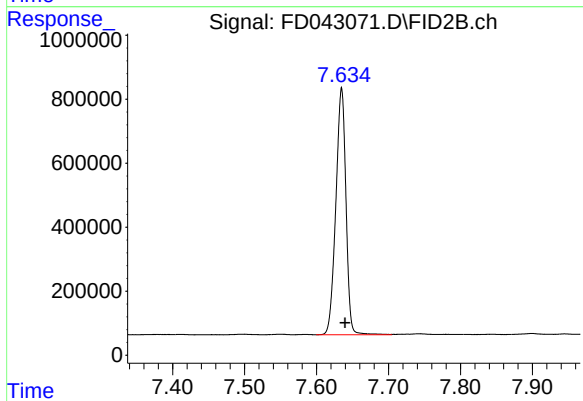
#2 Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.005 min
Response: 5942742
Conc: 33.94 ug/ml



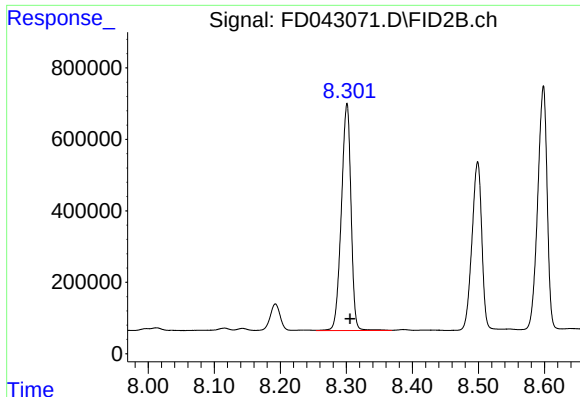
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: -0.005 min
Response: 6334331
Conc: 39.38 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.635 min
Delta R.T.: -0.005 min
Response: 7526658
Conc: 48.74 ug/ml



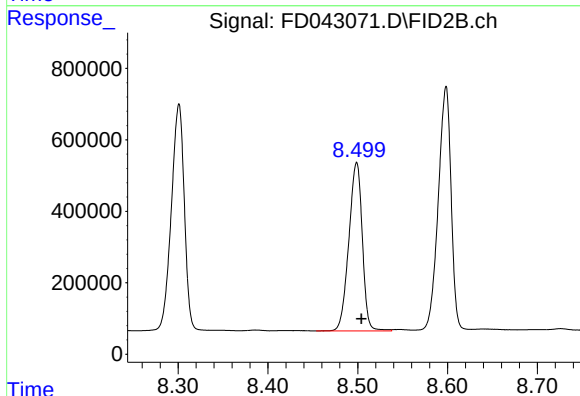
#5 Acenaphthylene (C15.06)

R.T.: 8.301 min
Delta R.T.: -0.005 min
Response: 6451353
Conc: 36.30 ug/ml

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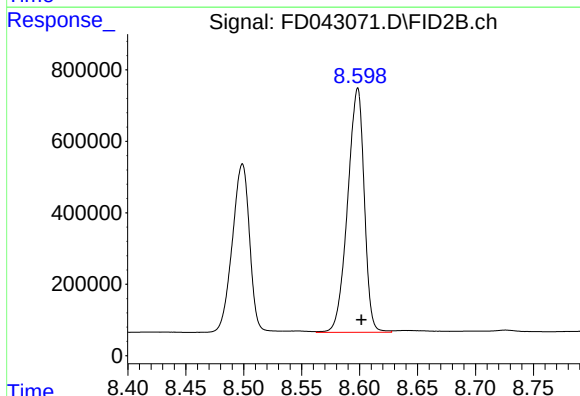
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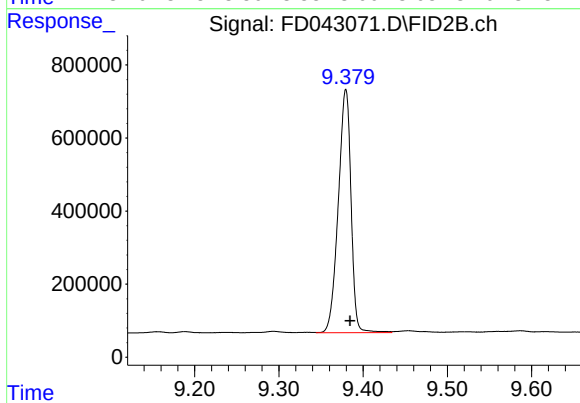
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.498 min
Delta R.T.: -0.006 min
Response: 4917046
Conc: 46.62 ug/ml



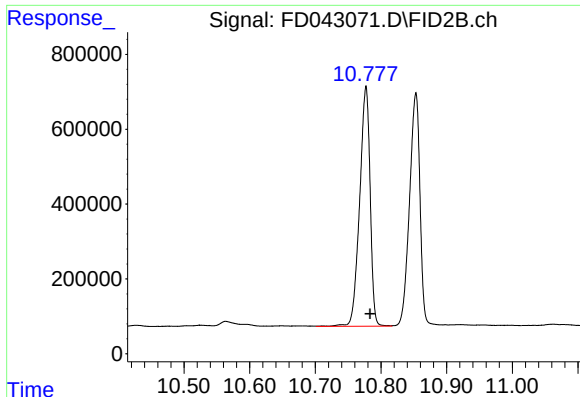
#7 Acenaphthene (C15.5)

R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 6836557
Conc: 39.04 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.379 min
Delta R.T.: -0.005 min
Response: 7002016
Conc: 40.39 ug/ml



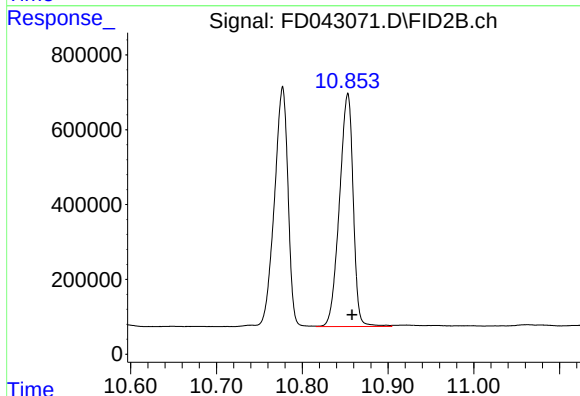
#9 Phenanthrene (C19.36)

R.T.: 10.777 min
Delta R.T.: -0.007 min
Response: 7100594
Conc: 41.40 ug/ml

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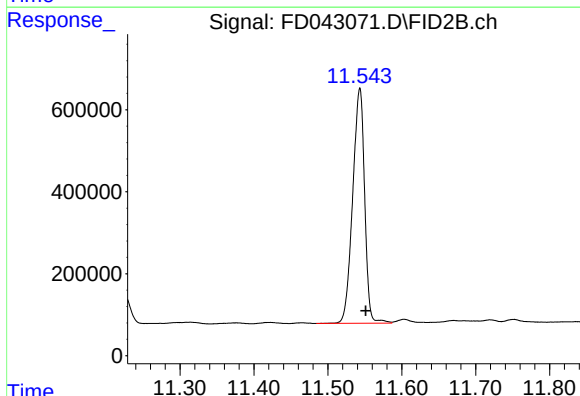
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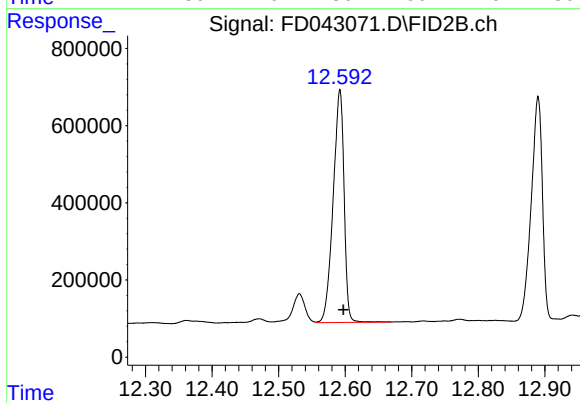
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.005 min
Response: 6930063
Conc: 40.79 ug/ml



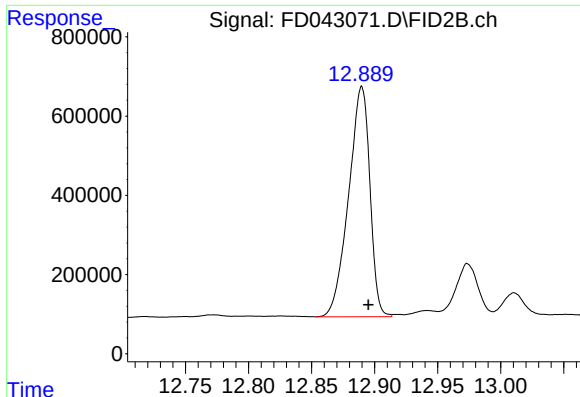
#11 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: -0.008 min
Response: 6437823
Conc: 35.42 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.592 min
Delta R.T.: -0.006 min
Response: 6878427
Conc: 41.01 ug/ml



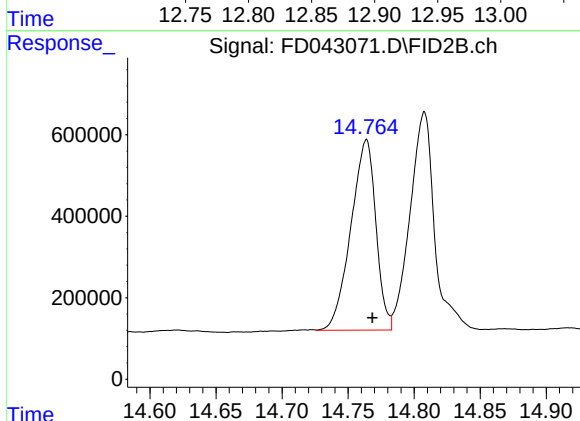
#13 Pyrene (C20.8)

R.T.: 12.889 min
Delta R.T.: -0.006 min
Response: 6817018
Conc: 41.83 ug/ml

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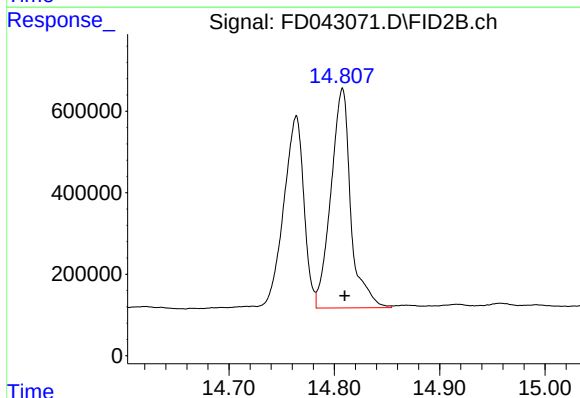
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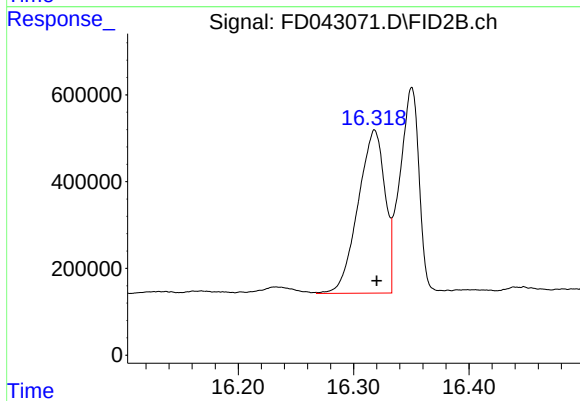
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.764 min
Delta R.T.: -0.005 min
Response: 6168313
Conc: 39.72 ug/ml m



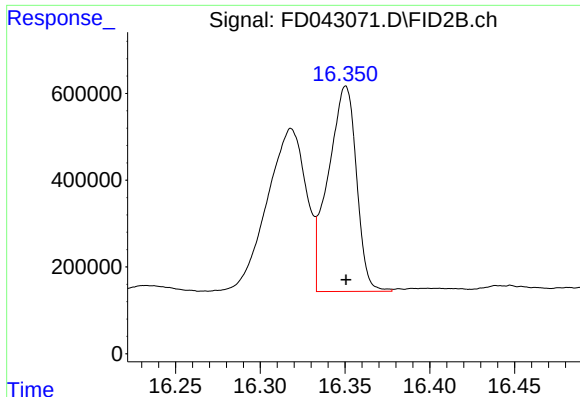
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: -0.003 min
Response: 7071570
Conc: 44.80 ug/ml



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

R.T.: 16.318 min
Delta R.T.: -0.002 min
Response: 6090317
Conc: 39.95 ug/ml



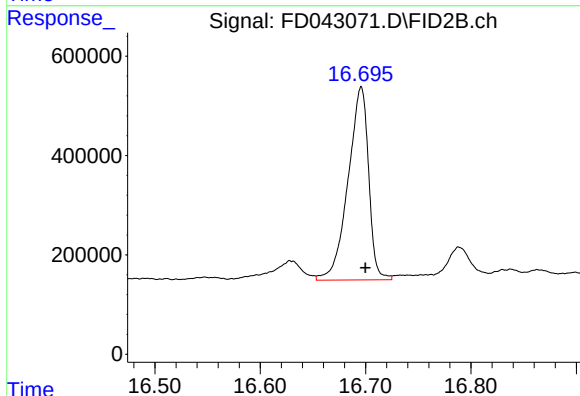
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.350 min
Delta R.T.: 0.000 min
Response: 5484555
Conc: 37.47 ug/ml

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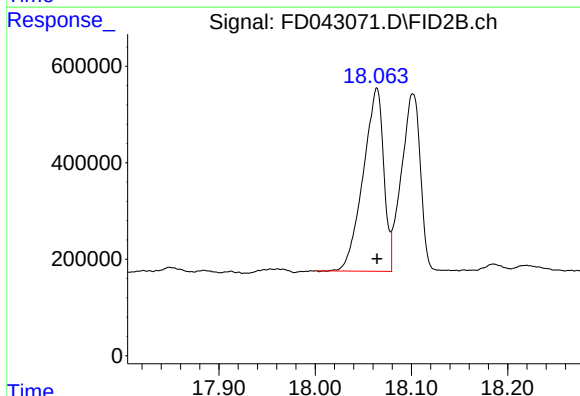
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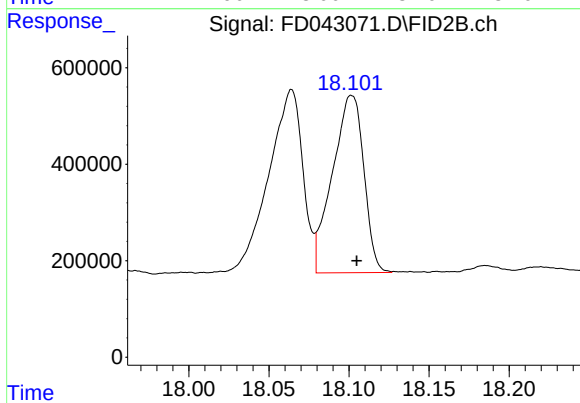
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.695 min
Delta R.T.: -0.005 min
Response: 5269515
Conc: 36.84 ug/ml



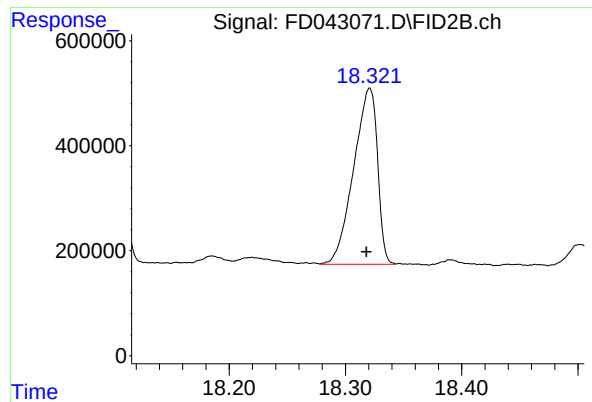
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.064 min
Delta R.T.: 0.000 min
Response: 5651110
Conc: 45.16 ug/ml



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

R.T.: 18.101 min
Delta R.T.: -0.004 min
Response: 4993745
Conc: 37.15 ug/ml m



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

R.T.: 18.321 min
Delta R.T.: 0.002 min
Response: 4781458
Conc: 36.66 ug/ml

Instrument :

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