

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090222AR\
 Data File : FD043801.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2022 18:54
 Operator : YP/AJ
 Sample : PB147463BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147463BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 04:01:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 05 01:51:33 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...	7.437	8521439	49.319 ug/ml
Spiked Amount 50.000		Recovery =	98.64%
6) S 2-Fluorobiphenyl (SURR)	8.290	5565691	55.329 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.66%
11) S ortho-Terphenyl (SURR)	11.324	8470348	40.487 ug/ml
Spiked Amount 50.000		Recovery =	80.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	6148611	30.875 ug/mlm
2) T Naphthalene (C11.7)	5.776	7012862	34.890 ug/ml
3) T 2-Methylnaphthalene (...)	6.822	6945102	38.478 ug/ml
5) T Acenaphthylene (C15.06)	8.386	7889226	39.468 ug/ml
7) T Acenaphthene (C15.5)	8.386	7889226	36.701 ug/ml
8) T Flouorene (C16.55)	9.166	7736478	40.354 ug/ml
9) T Phenanthrene (C19.36)	10.558	8013385	44.562 ug/mlm
10) T Anthracene (C19.43)	10.633	8275243	42.545 ug/ml
12) T Fluoranthene (C21.85)	12.362	7971416	43.711 ug/ml
13) T Pyrene (C20.8)	12.657	7885702	42.245 ug/mlm
14) T Benzo[a]anthracene (C...	14.526	7214847	50.425 ug/mlm
15) T Chrysene (C27.41)	14.568	8168614	42.322 ug/ml
16) T benzo[b]fluoranthene ...	16.071	6874118	47.638 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.104	6734628	39.156 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.447	5944066	40.935 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.813	6458736	62.453 ug/mlm
20) T Dibenz[a,h]anthracene...	17.847	6698082	47.597 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	6570856	51.615 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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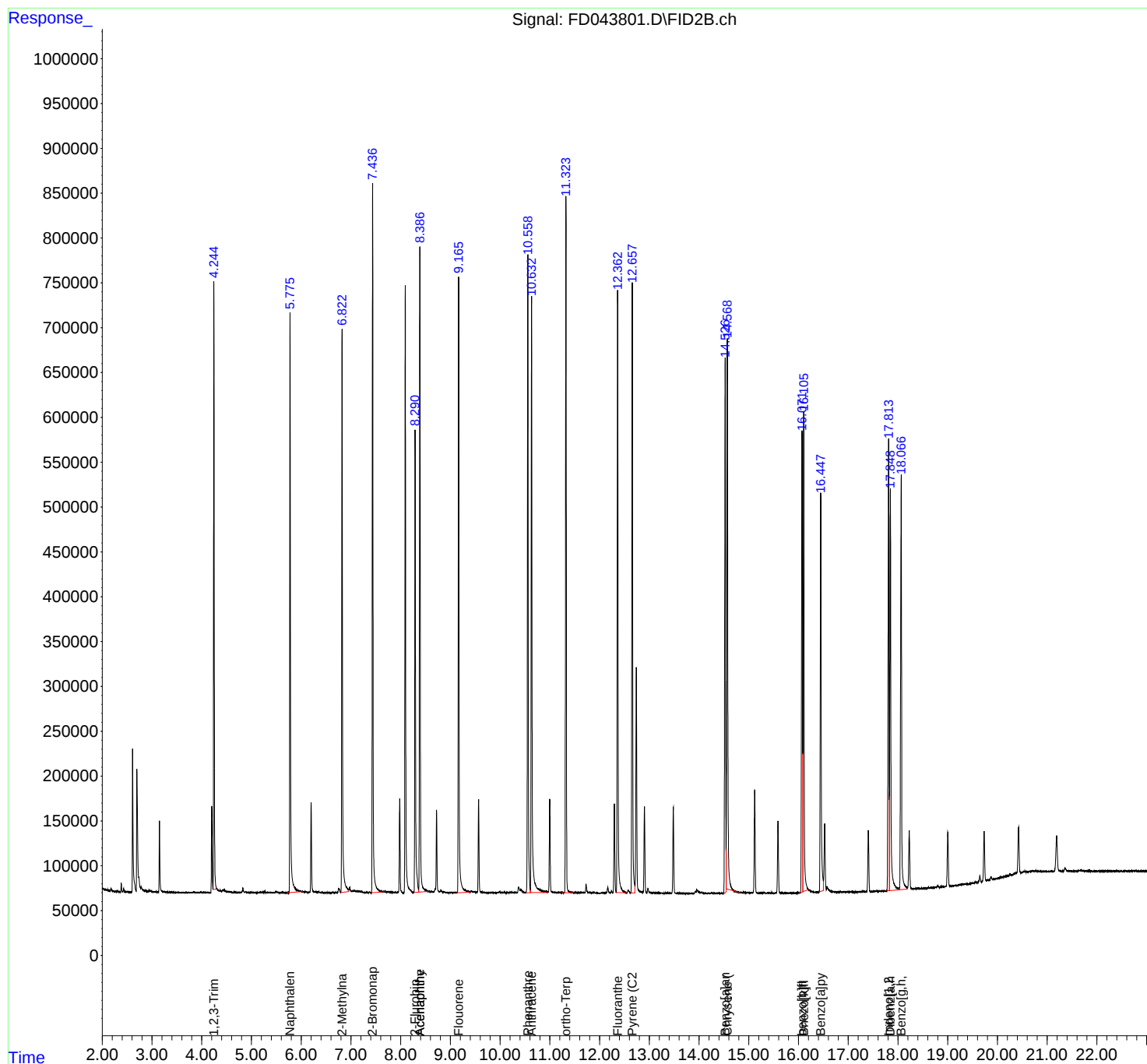
Instrument :
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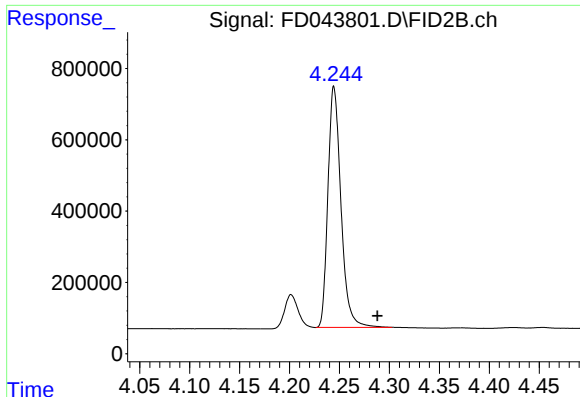
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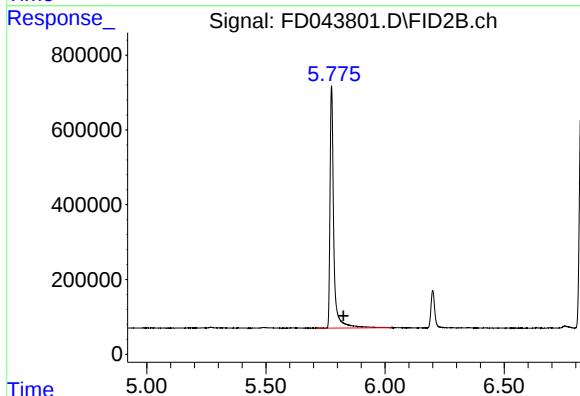
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.244 min
Delta R.T.: -0.044 min
Response: 6148611
Conc: 30.87 ug/ml

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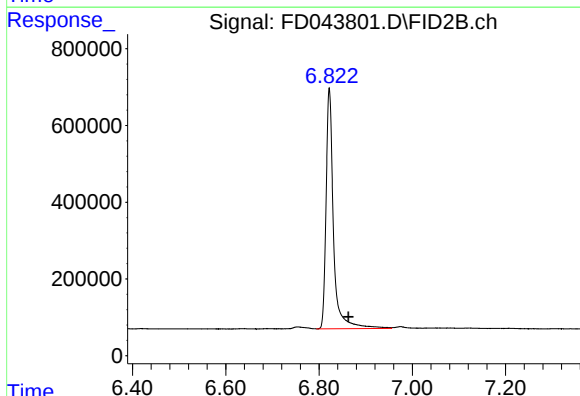
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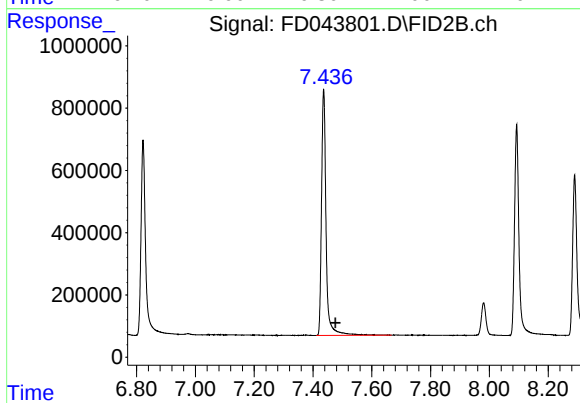
#2 Naphthalene (C11.7)

R.T.: 5.776 min
Delta R.T.: -0.050 min
Response: 7012862
Conc: 34.89 ug/ml



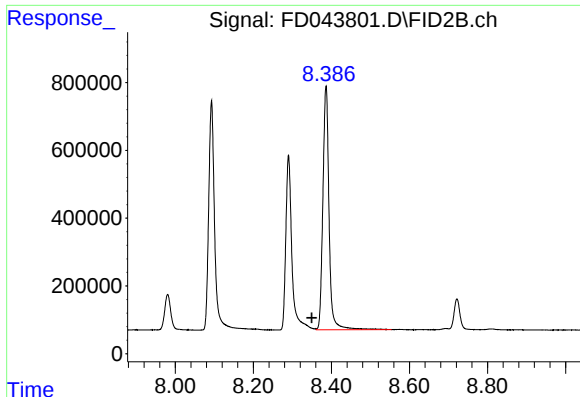
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.041 min
Response: 6945102
Conc: 38.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.437 min
Delta R.T.: -0.039 min
Response: 8521439
Conc: 49.32 ug/ml



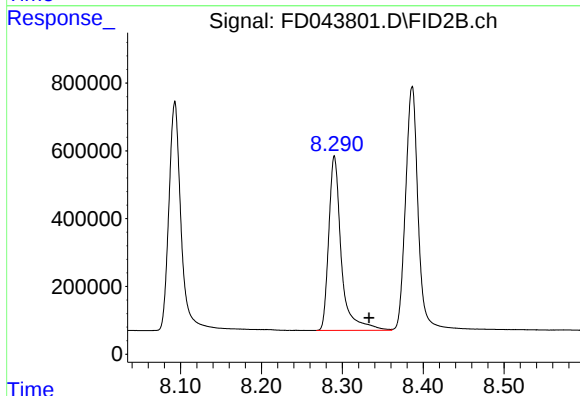
#5 Acenaphthylene (C15.06)

R.T.: 8.386 min
Delta R.T.: 0.036 min
Response: 7889226
Conc: 39.47 ug/ml

Instrument :
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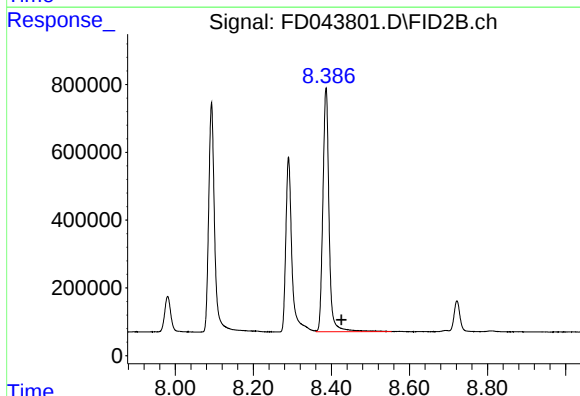
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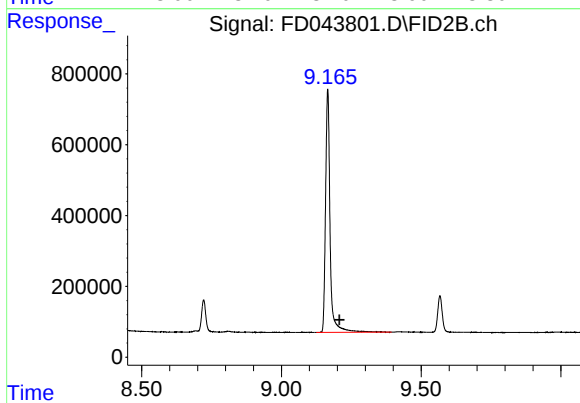
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.290 min
Delta R.T.: -0.043 min
Response: 5565691
Conc: 55.33 ug/ml



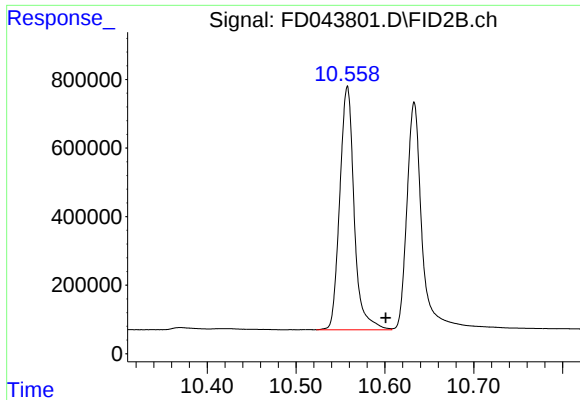
#7 Acenaphthene (C15.5)

R.T.: 8.386 min
Delta R.T.: -0.040 min
Response: 7889226
Conc: 36.70 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.166 min
Delta R.T.: -0.042 min
Response: 7736478
Conc: 40.35 ug/ml



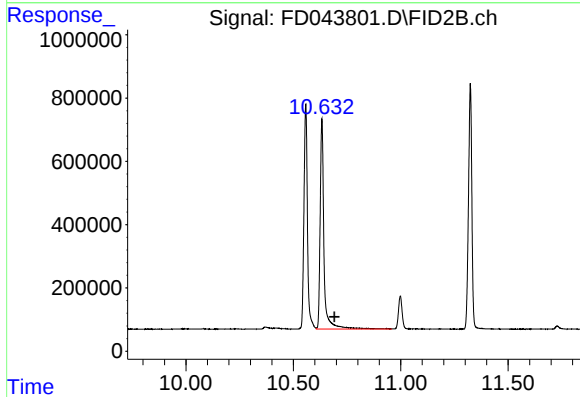
#9 Phenanthrene (C19.36)

R.T.: 10.558 min
Delta R.T.: -0.043 min
Response: 8013385
Conc: 44.56 ug/ml

Instrument :
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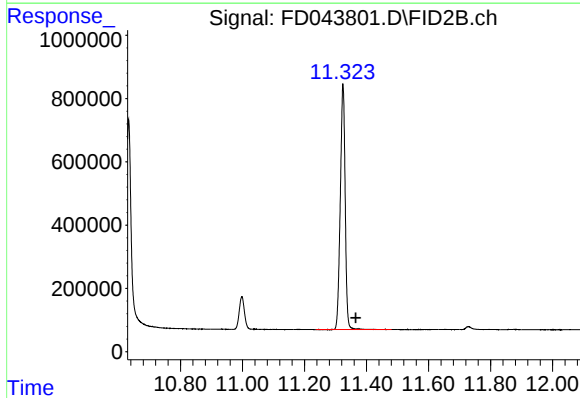
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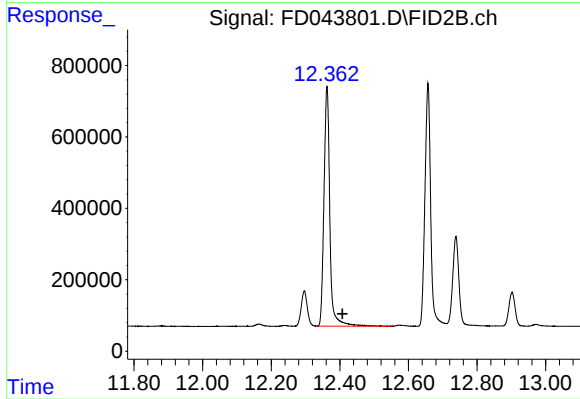
#10 Anthracene (C19.43)

R.T.: 10.633 min
Delta R.T.: -0.058 min
Response: 8275243
Conc: 42.54 ug/ml



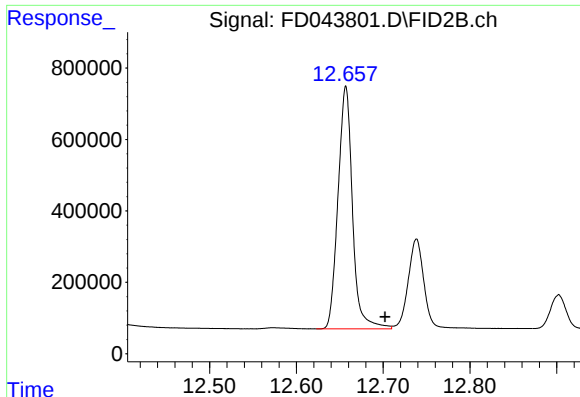
#11 ortho-Terphenyl (SURR)

R.T.: 11.324 min
Delta R.T.: -0.041 min
Response: 8470348
Conc: 40.49 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.362 min
Delta R.T.: -0.046 min
Response: 7971416
Conc: 43.71 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.657 min
Delta R.T.: -0.045 min
Response: 7885702
Conc: 42.25 ug/ml

Instrument :

FID_D

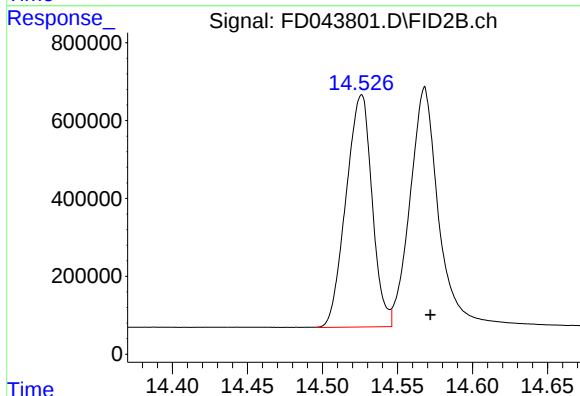
ClientSampleId :

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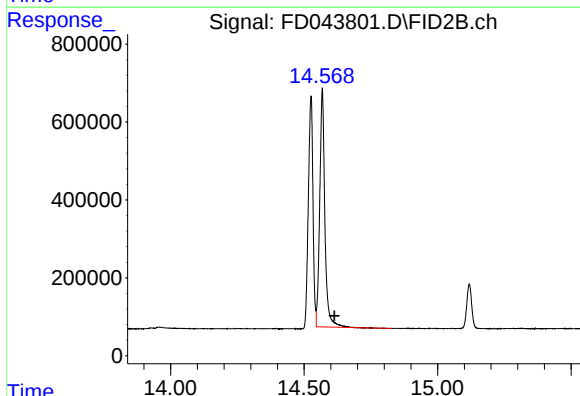
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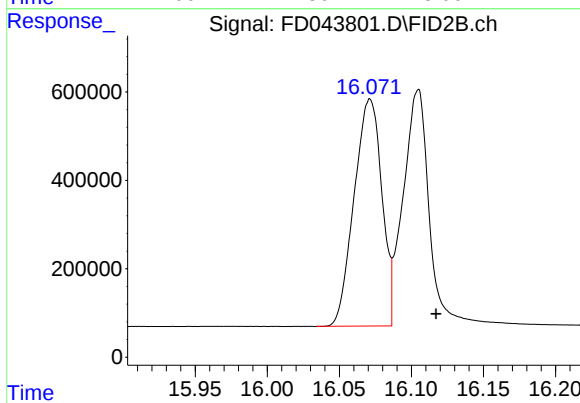
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.526 min
Delta R.T.: -0.046 min
Response: 7214847
Conc: 50.43 ug/ml m



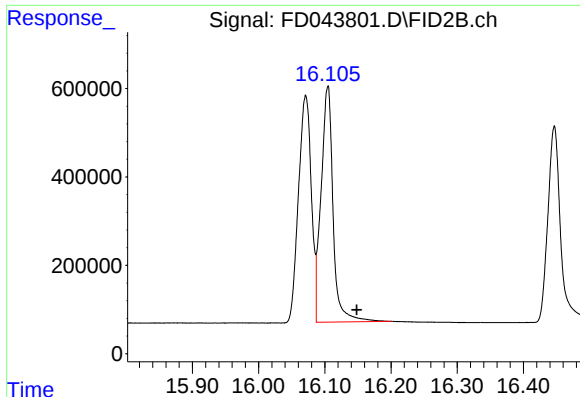
#15 Chrysene (C27.41)

R.T.: 14.568 min
Delta R.T.: -0.046 min
Response: 8168614
Conc: 42.32 ug/ml



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

R.T.: 16.071 min
Delta R.T.: -0.046 min
Response: 6874118
Conc: 47.64 ug/ml m



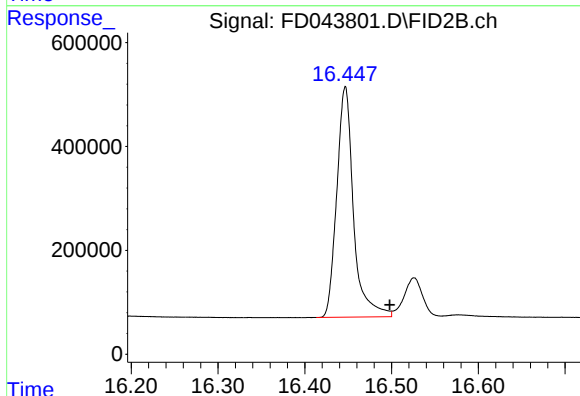
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.104 min
Delta R.T.: -0.044 min
Response: 6734628
Conc: 39.16 ug/ml

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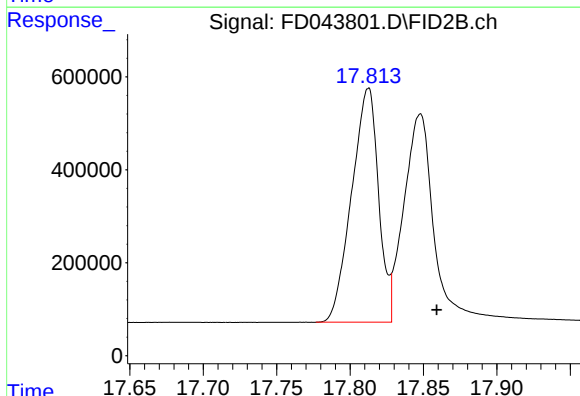
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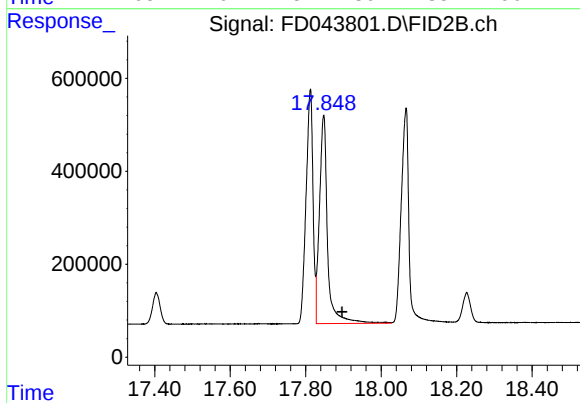
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.447 min
Delta R.T.: -0.052 min
Response: 5944066
Conc: 40.94 ug/ml m



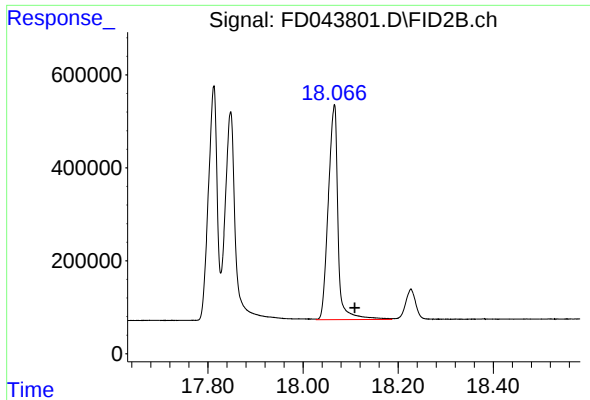
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.813 min
Delta R.T.: -0.046 min
Response: 6458736
Conc: 62.45 ug/ml m



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

R.T.: 17.847 min
Delta R.T.: -0.050 min
Response: 6698082
Conc: 47.60 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.044 min
Response: 6570856
Conc: 51.62 ug/ml

Instrument :

FID_D

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