

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030124AR\
 Data File : FD047369.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2024 10:25
 Operator : YP/AJ
 Sample : P1524-09
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/04/2024
 Supervised By :mohammad ahmed 03/04/2024

Integration File: autoint1.e
 Quant Time: Mar 01 23:44:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 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...	7.461	5378302	35.327 ug/ml
Spiked Amount 50.000		Recovery =	70.65%
6) S 2-Fluorobiphenyl (SURR)	8.313	3265402	32.305 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.61%
11) S ortho-Terphenyl (SURR)	11.350	5563465	31.544 ug/ml
Spiked Amount 50.000		Recovery =	63.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	6053490	38.399 ug/ml
2) T Naphthalene (C11.7)	5.803	7118361	42.831 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	7204060	42.718 ug/ml
5) T Acenaphthylene (C15.06)	8.119	7281542	47.309 ug/ml
7) T Acenaphthene (C15.5)	8.414	7259182	44.040 ug/ml
8) T Flouorene (C16.55)	9.192	7311254	46.114 ug/ml
9) T Phenanthrene (C19.36)	10.580	7044171	45.342 ug/ml
10) T Anthracene (C19.43)	10.655	6871190	46.595 ug/ml
12) T Fluoranthene (C21.85)	12.383	7057656	45.583 ug/ml
13) T Pyrene (C20.8)	12.678	7045549	46.837 ug/mlm
14) T Benzo[a]anthracene (C...	14.541	6468230	48.118 ug/ml
15) T Chrysene (C27.41)	14.586	6426466	43.887 ug/ml
16) T benzo[b]fluoranthene ...	16.085	6380411	46.341 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	6368088	45.894 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.460	6105203	45.098 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	6390433	50.619 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	6037921	45.316 ug/ml
21) T Benzo[g,h,i]perylene ...	18.073	5906065	44.542 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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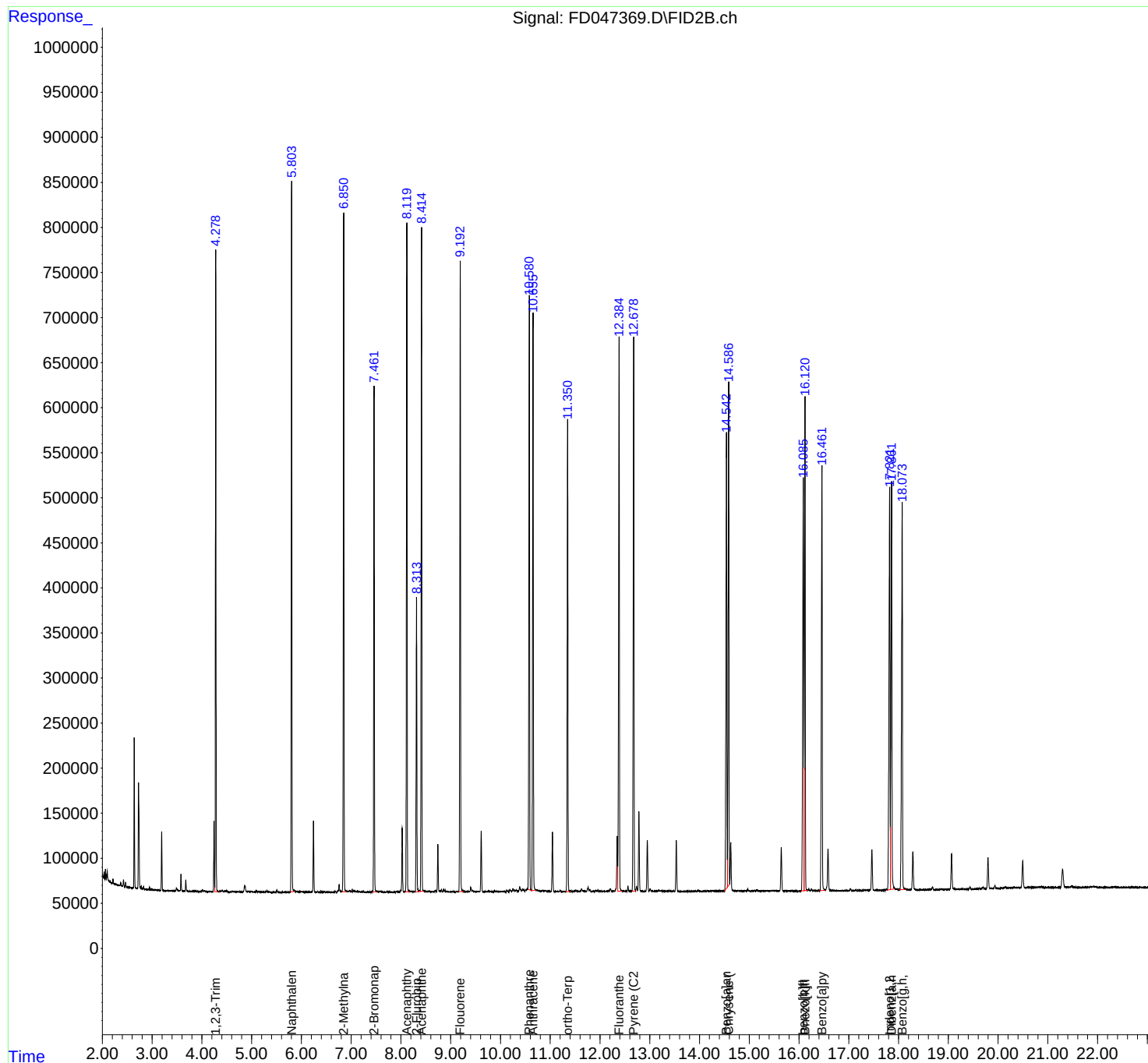
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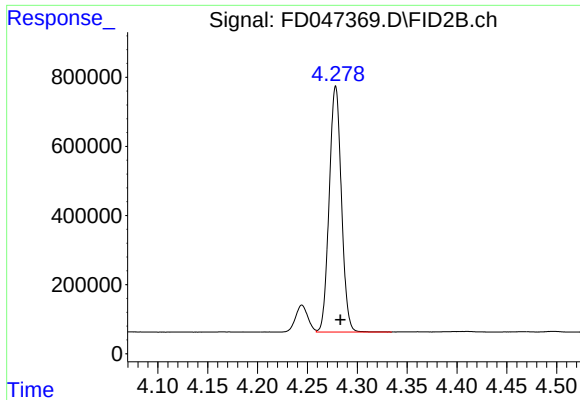
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.278 min
Delta R.T.: -0.005 min
Response: 6053490
Conc: 38.40 ug/ml

Instrument :

FID_D

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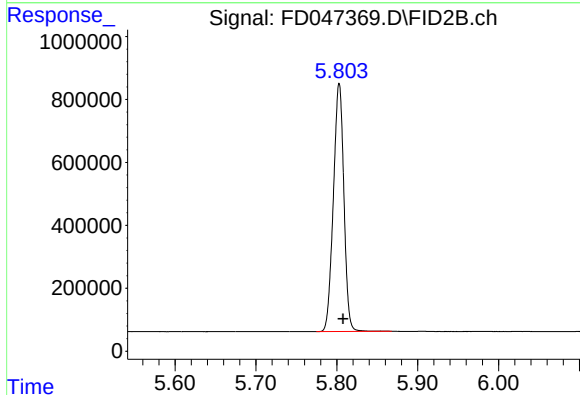
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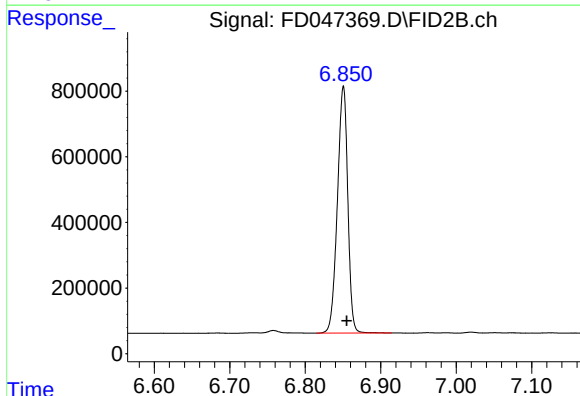
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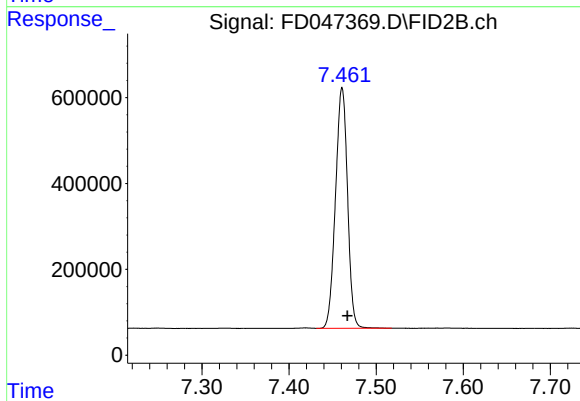
#2 Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: -0.005 min
Response: 7118361
Conc: 42.83 ug/ml



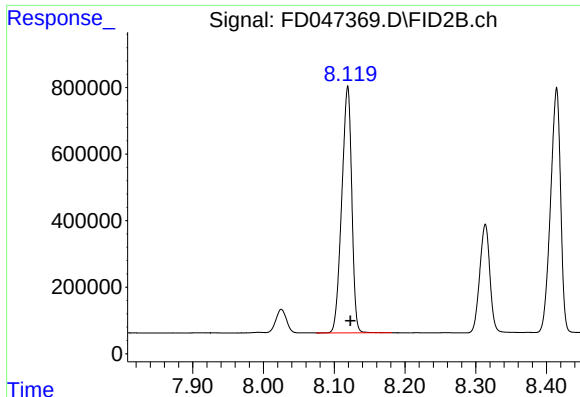
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: -0.005 min
Response: 7204060
Conc: 42.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min
Delta R.T.: -0.006 min
Response: 5378302
Conc: 35.33 ug/ml



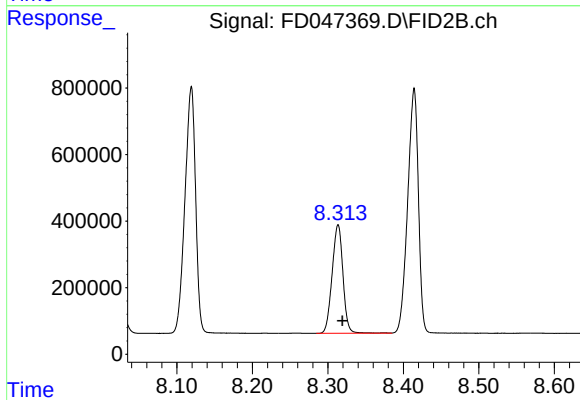
#5 Acenaphthylene (C15.06)

R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 7281542
Conc: 47.31 ug/ml

Instrument :
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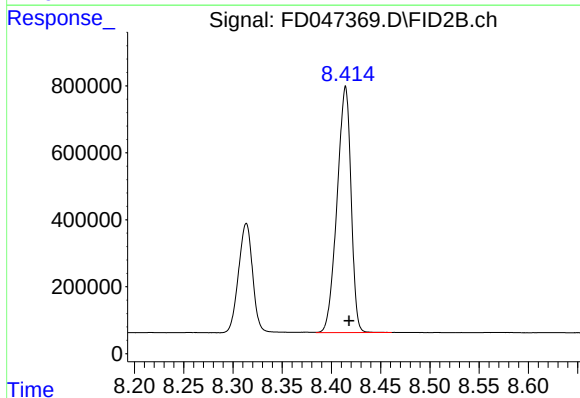
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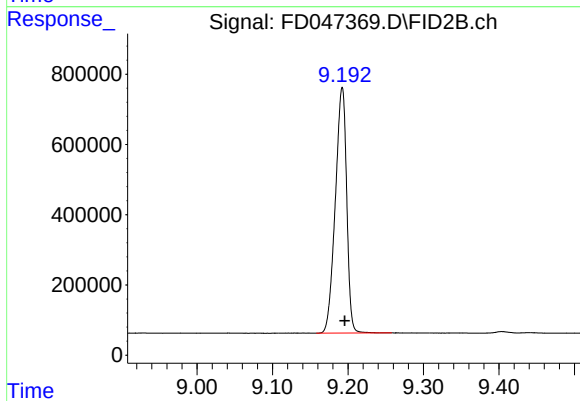
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: -0.006 min
Response: 3265402
Conc: 32.31 ug/ml



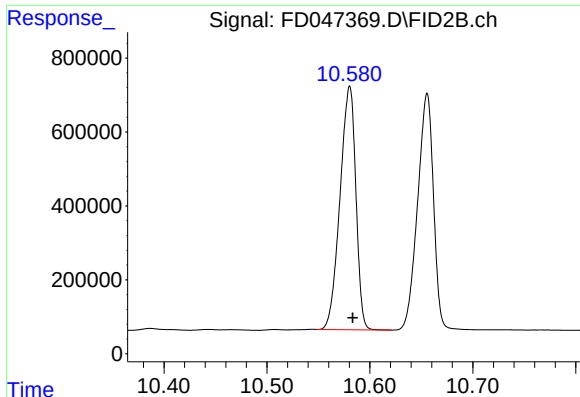
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: -0.004 min
Response: 7259182
Conc: 44.04 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.192 min
Delta R.T.: -0.004 min
Response: 7311254
Conc: 46.11 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.580 min
Delta R.T.: -0.003 min
Response: 7044171
Conc: 45.34 ug/ml

Instrument :

FID_D

ClientSampleId :

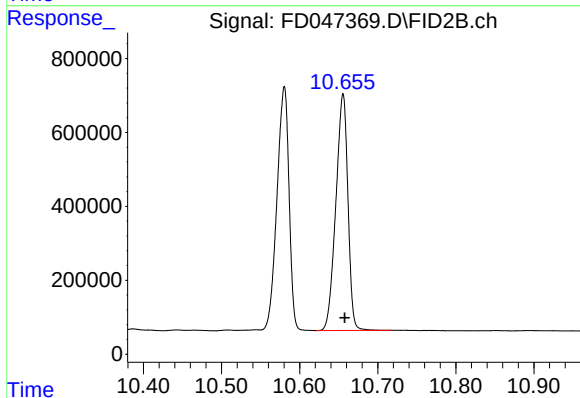
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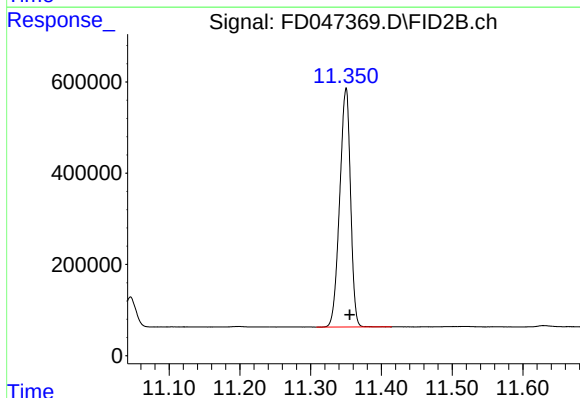
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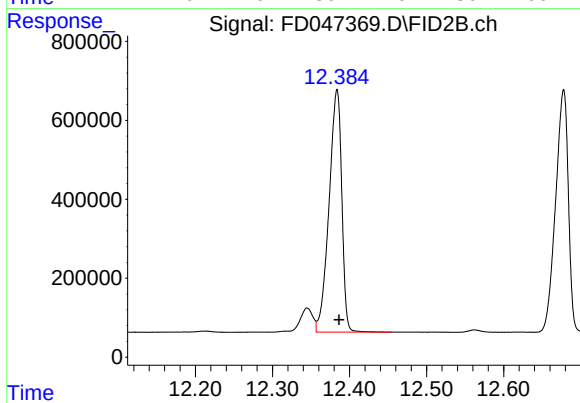
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: -0.003 min
Response: 6871190
Conc: 46.59 ug/ml



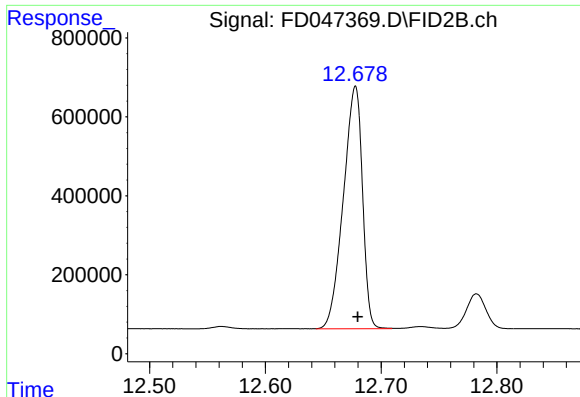
#11 ortho-Terphenyl (SURR)

R.T.: 11.350 min
Delta R.T.: -0.005 min
Response: 5563465
Conc: 31.54 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.383 min
Delta R.T.: -0.003 min
Response: 7057656
Conc: 45.58 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 7045549
Conc: 46.84 ug/ml

Instrument :

FID_D

ClientSampleId :

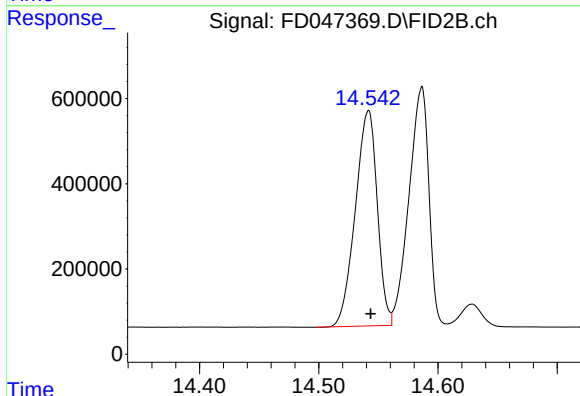
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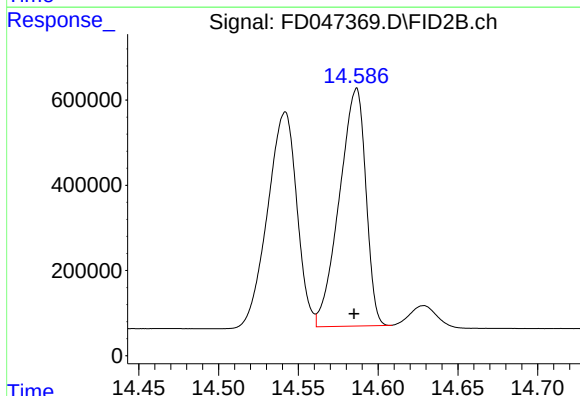
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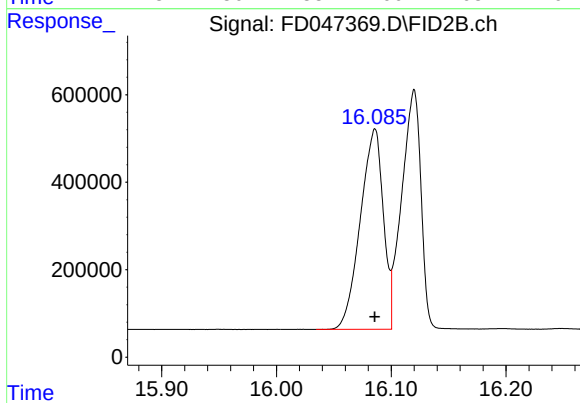
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min
Delta R.T.: -0.003 min
Response: 6468230
Conc: 48.12 ug/ml



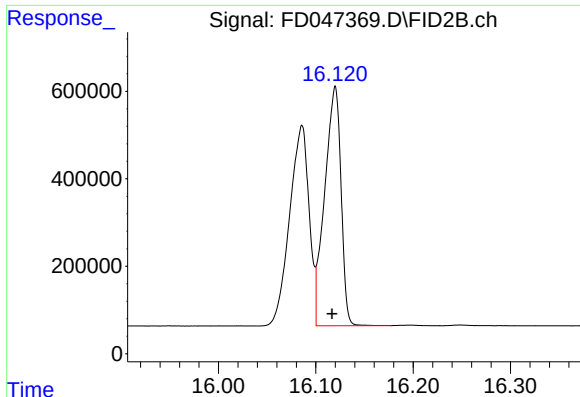
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.000 min
Response: 6426466
Conc: 43.89 ug/ml



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

R.T.: 16.085 min
Delta R.T.: 0.000 min
Response: 6380411
Conc: 46.34 ug/ml



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

R.T.: 16.119 min
Delta R.T.: 0.003 min
Response: 6368088
Conc: 45.89 ug/ml

Instrument :

FID_D

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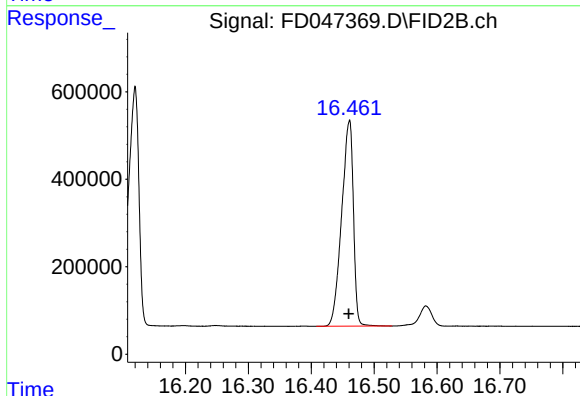
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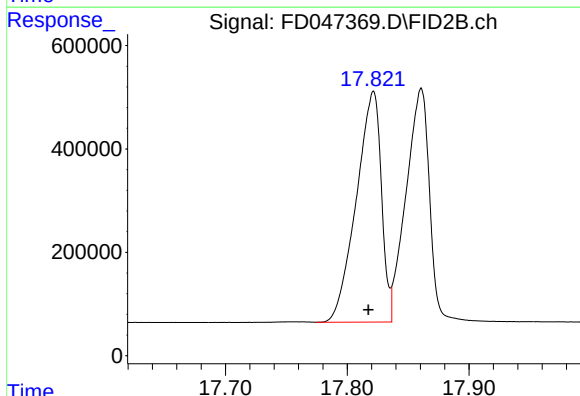
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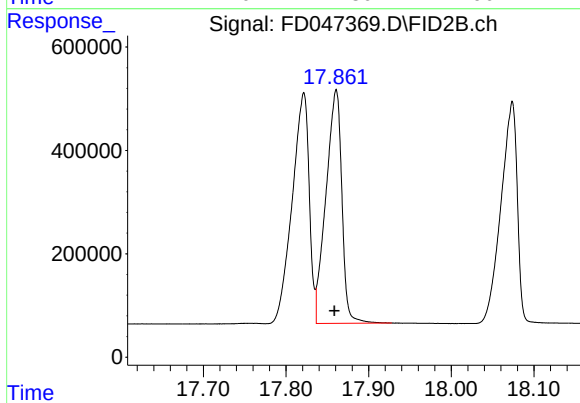
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.460 min
Delta R.T.: 0.000 min
Response: 6105203
Conc: 45.10 ug/ml



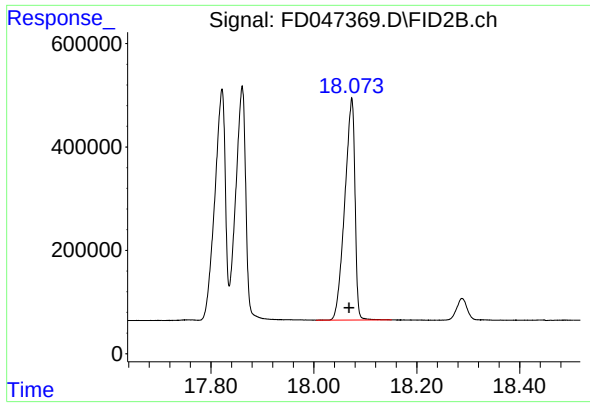
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.003 min
Response: 6390433
Conc: 50.62 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.001 min
Response: 6037921
Conc: 45.32 ug/ml



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

R.T.: 18.073 min
Delta R.T.: 0.004 min
Response: 5906065
Conc: 44.54 ug/ml

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