

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050924AR\
 Data File : FD047687.D
 Signal(s) : FID2B.ch
 Acq On : 09 May 2024 19:24
 Operator : YP/AJ
 Sample : P2403-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
 Quant Time: May 10 06:46:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.465	9860358	62.873 ug/ml
Spiked Amount 50.000		Recovery =	125.75%
6) S 2-Fluorobiphenyl (SURR)	8.318	6529910	62.426 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.85%
11) S ortho-Terphenyl (SURR)	11.360	9838570	52.463 ug/ml
Spiked Amount 50.000		Recovery =	104.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	618897	3.828 ug/ml
2) T Naphthalene (C11.7)	5.801	689314	4.074 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	718831	4.220 ug/mlm
5) T Acenaphthylene (C15.06)	8.118	709068	4.348 ug/ml
7) T Acenaphthene (C15.5)	8.412	742951	4.420 ug/ml
8) T Flouorene (C16.55)	9.192	739502	4.446 ug/mlm
9) T Phenanthrene (C19.36)	10.582	703014	4.294 ug/ml
10) T Anthracene (C19.43)	10.657	685745	4.578 ug/ml
12) T Fluoranthene (C21.85)	12.389	733417	4.420 ug/ml
13) T Pyrene (C20.8)	12.683	731332	4.495 ug/ml
14) T Benzo[a]anthracene (C...	14.552	627184	4.297 ug/mlm
15) T Chrysene (C27.41)	14.592	695416	4.413 ug/mlm
16) T benzo[b]fluoranthene ...	16.098	667857	4.472 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.130	694162	4.611 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	596104	4.131 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	548992	4.045 ug/mlm
20) T Dibenz[a,h]anthracene...	17.884	631284	4.409 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	580632	4.229 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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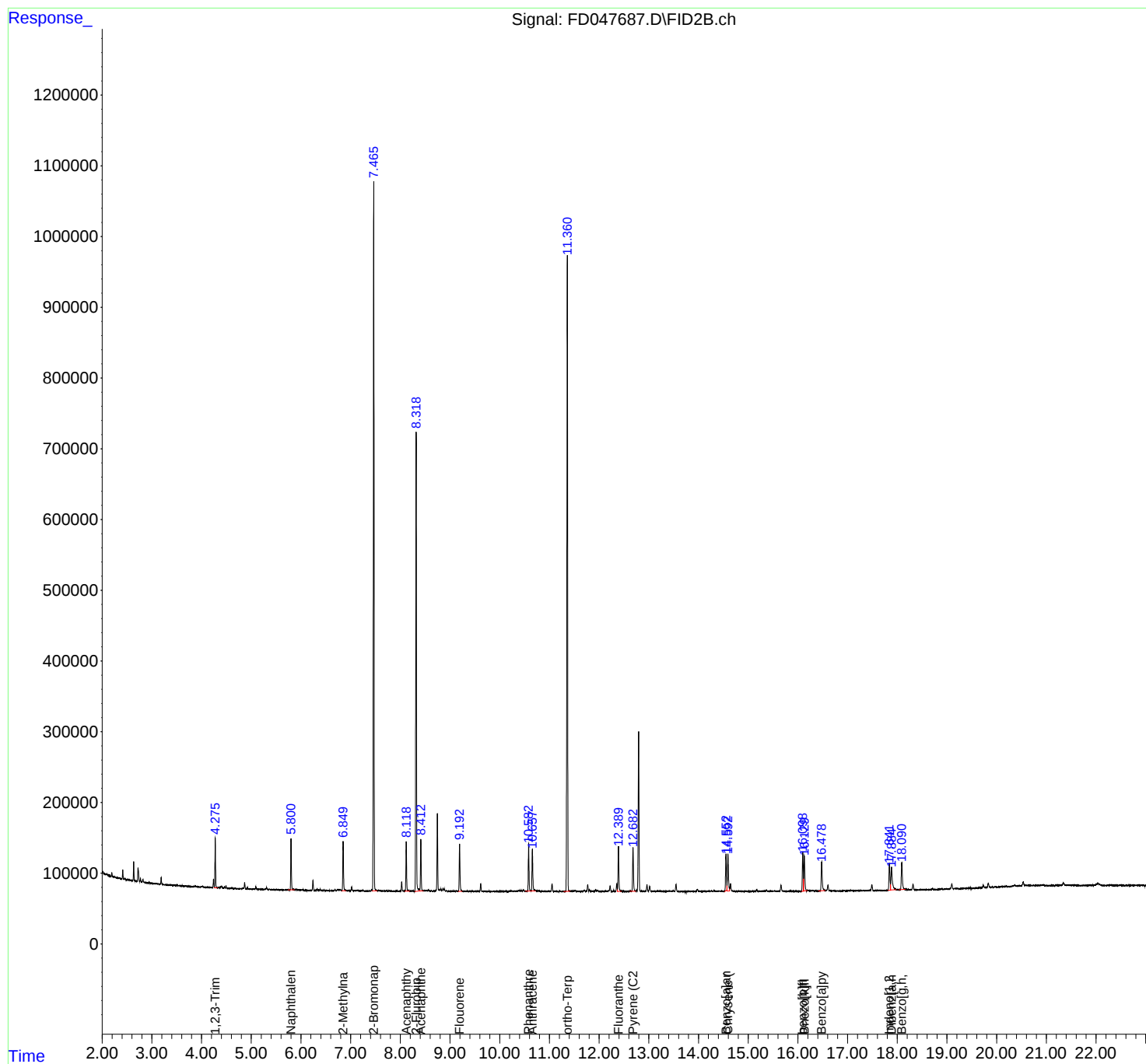
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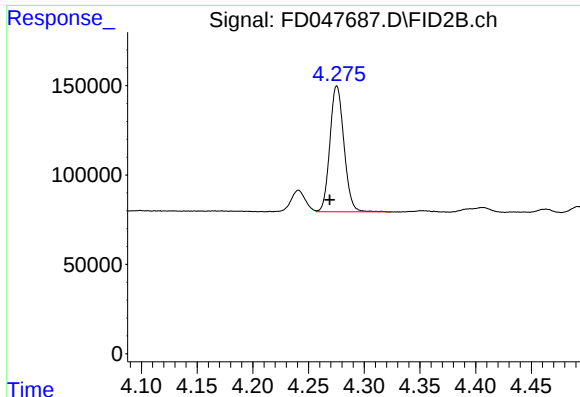
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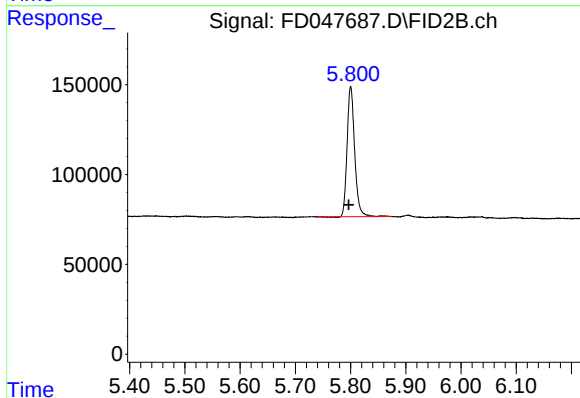
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.276 min
Delta R.T.: 0.007 min
Response: 618897
Conc: 3.83 ug/ml

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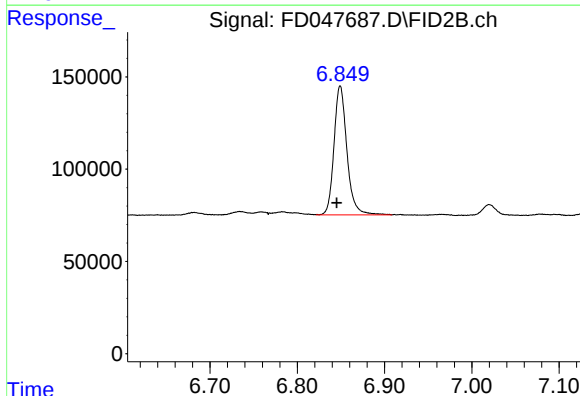
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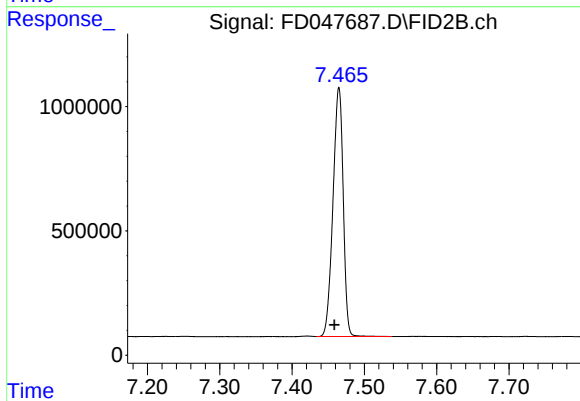
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.004 min
Response: 689314
Conc: 4.07 ug/ml



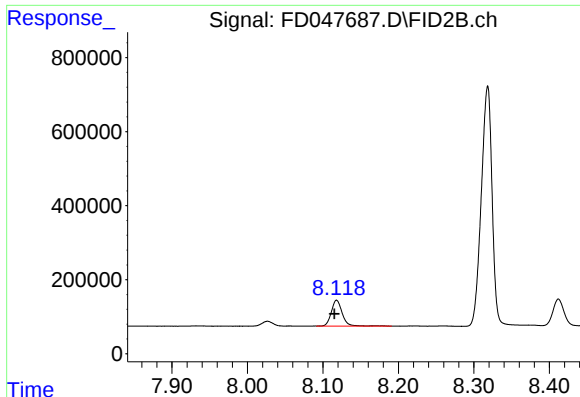
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.004 min
Response: 718831
Conc: 4.22 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.465 min
Delta R.T.: 0.006 min
Response: 9860358
Conc: 62.87 ug/ml



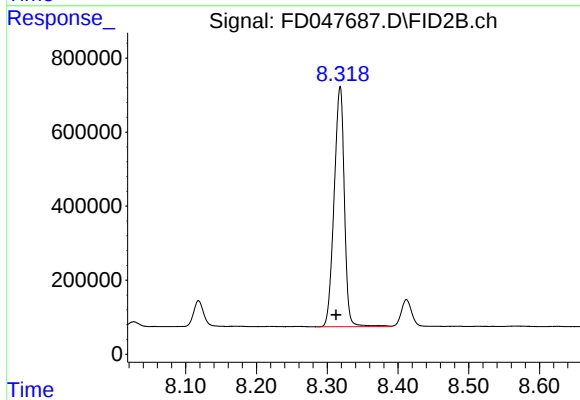
#5 Acenaphthylene (C15.06)

R.T.: 8.118 min
Delta R.T.: 0.003 min
Response: 709068
Conc: 4.35 ug/ml

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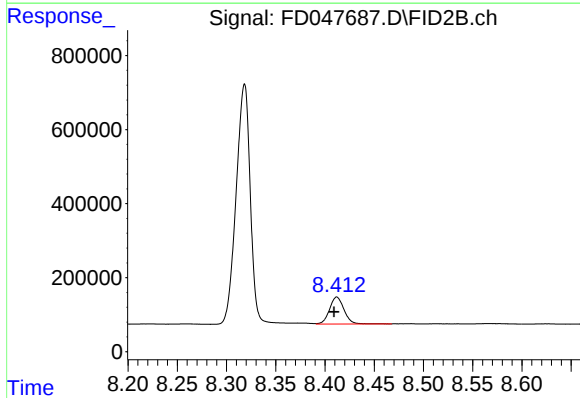
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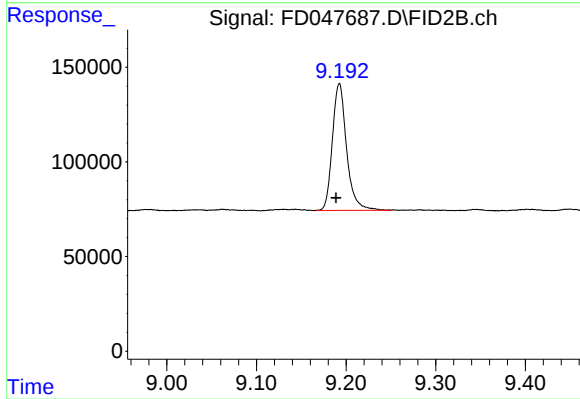
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.318 min
Delta R.T.: 0.005 min
Response: 6529910
Conc: 62.43 ug/ml



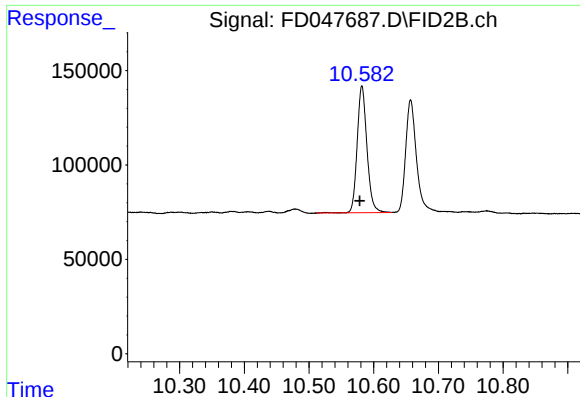
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.003 min
Response: 742951
Conc: 4.42 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.192 min
Delta R.T.: 0.004 min
Response: 739502
Conc: 4.45 ug/ml m



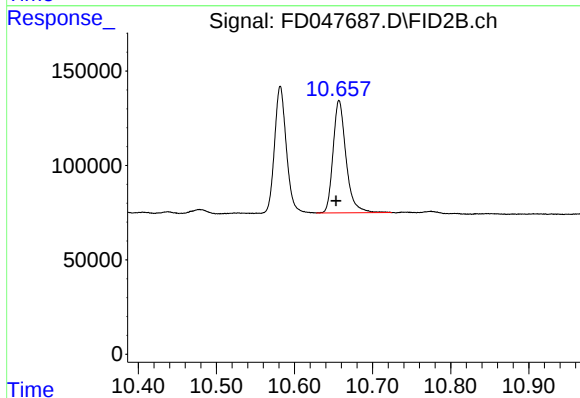
#9 Phenanthrene (C19.36)

R.T.: 10.582 min
Delta R.T.: 0.004 min
Response: 703014
Conc: 4.29 ug/ml

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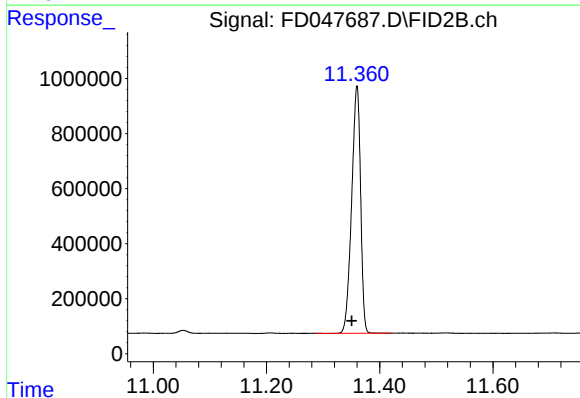
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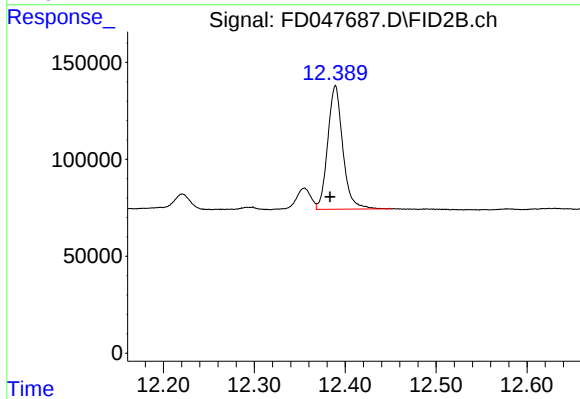
#10 Anthracene (C19.43)

R.T.: 10.657 min
Delta R.T.: 0.004 min
Response: 685745
Conc: 4.58 ug/ml



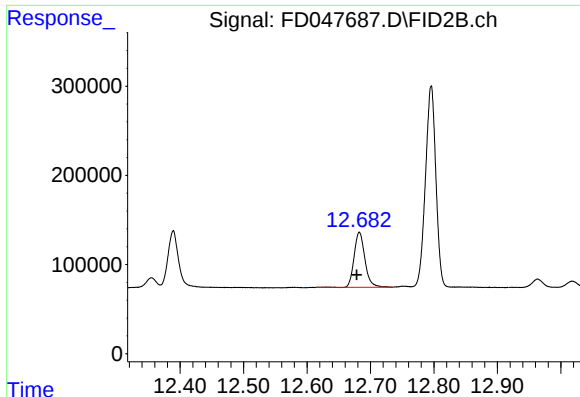
#11 ortho-Terphenyl (SURR)

R.T.: 11.360 min
Delta R.T.: 0.009 min
Response: 9838570
Conc: 52.46 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.006 min
Response: 733417
Conc: 4.42 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: 0.004 min
Response: 731332
Conc: 4.49 ug/ml

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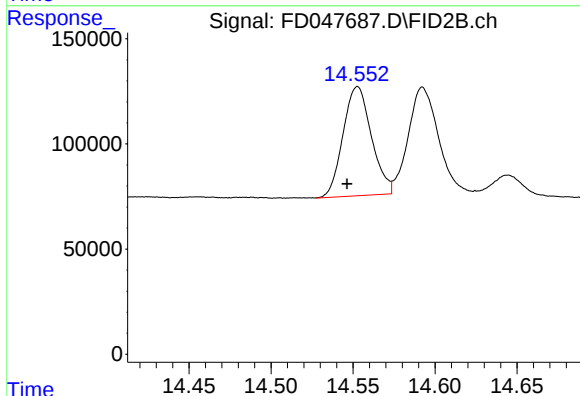
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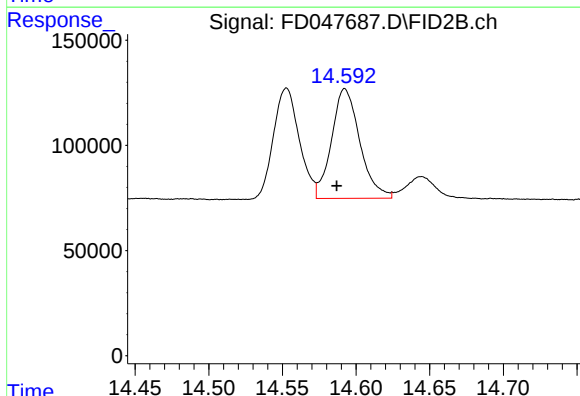
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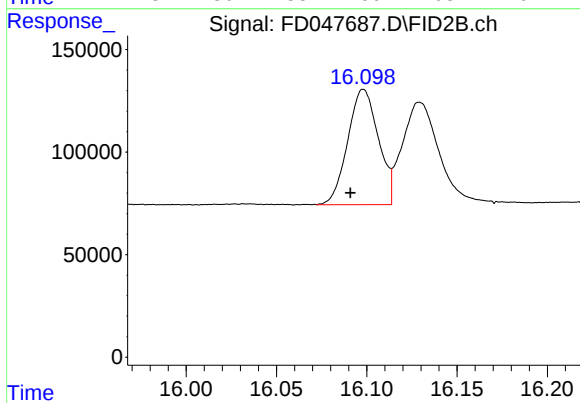
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.006 min
Response: 627184
Conc: 4.30 ug/ml m



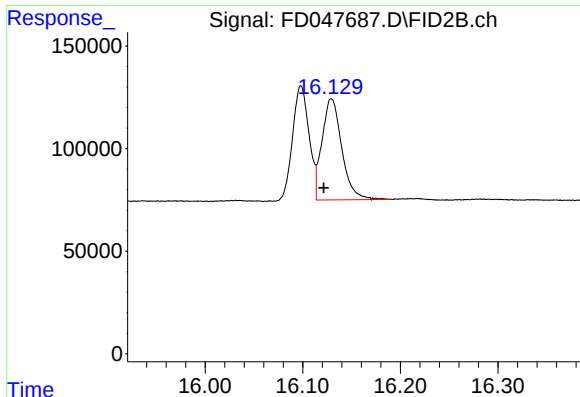
#15 Chrysene (C27.41)

R.T.: 14.592 min
Delta R.T.: 0.005 min
Response: 695416
Conc: 4.41 ug/ml m



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

R.T.: 16.098 min
Delta R.T.: 0.007 min
Response: 667857
Conc: 4.47 ug/ml m



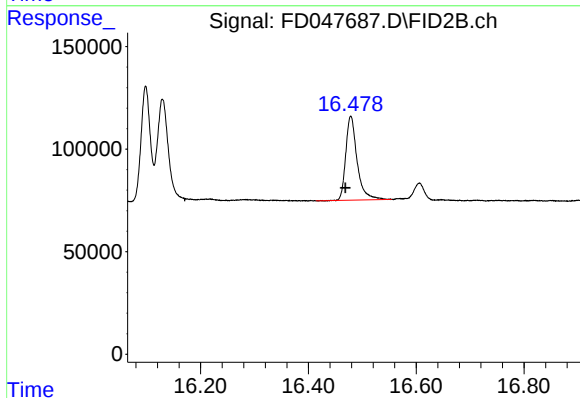
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.130 min
Delta R.T.: 0.008 min
Response: 694162
Conc: 4.61 ug/ml

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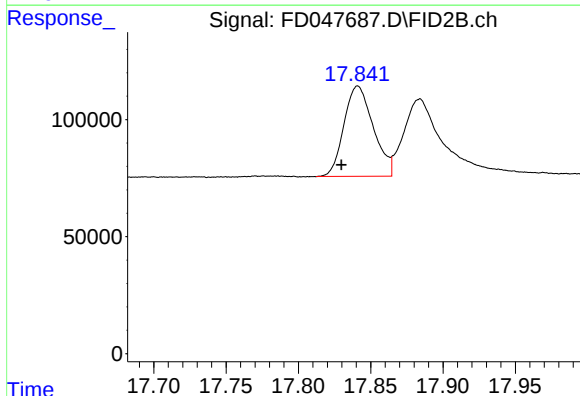
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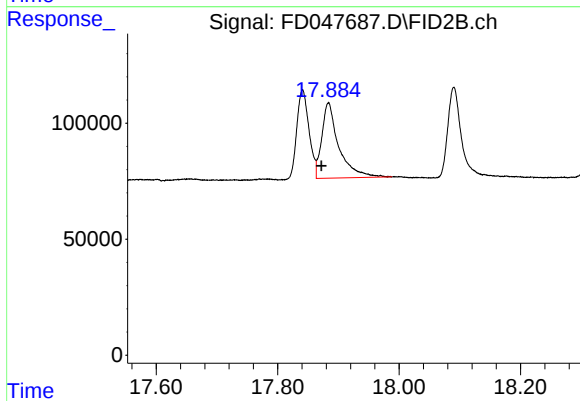
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.010 min
Response: 596104
Conc: 4.13 ug/ml



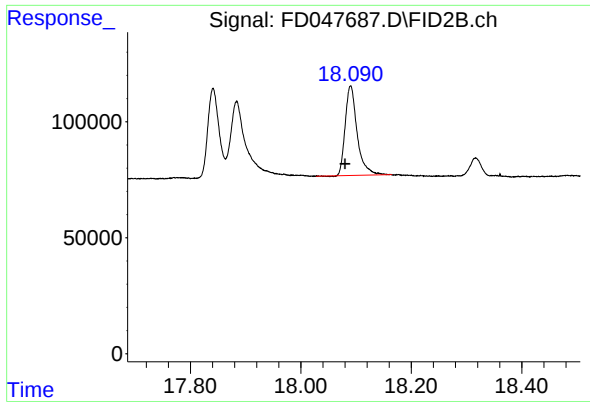
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.011 min
Response: 548992
Conc: 4.05 ug/ml m



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

R.T.: 17.884 min
Delta R.T.: 0.011 min
Response: 631284
Conc: 4.41 ug/ml



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

R.T.: 18.090 min
Delta R.T.: 0.010 min
Response: 580632
Conc: 4.23 ug/ml

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