

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047710.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 00:42
 Operator : YP/AJ
 Sample : P2403-09
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 04:10:29 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...	7.461	7885347	50.280 ug/ml
Spiked Amount 50.000		Recovery =	100.56%
6) S 2-Fluorobiphenyl (SURR)	8.314	5135093	49.092 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.18%
11) S ortho-Terphenyl (SURR)	11.357	7831264	41.759 ug/ml
Spiked Amount 50.000		Recovery =	83.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	297919	1.843 ug/mlm
2) T Naphthalene (C11.7)	5.797	342214	2.022 ug/mlm
3) T 2-Methylnaphthalene (...)	6.846	370435	2.175 ug/mlm
5) T Acenaphthylene (C15.06)	8.115	336743	2.065 ug/mlm
7) T Acenaphthene (C15.5)	8.410	358936	2.135 ug/ml
8) T Flouorene (C16.55)	9.189	369930	2.224 ug/mlm
9) T Phenanthrene (C19.36)	10.581	350488	2.141 ug/ml
10) T Anthracene (C19.43)	10.656	338498	2.260 ug/ml
12) T Fluoranthene (C21.85)	12.387	387465	2.335 ug/mlm
13) T Pyrene (C20.8)	12.681	377651	2.321 ug/mlm
14) T Benzo[a]anthracene (C...	14.552	323629	2.217 ug/mlm
15) T Chrysene (C27.41)	14.592	396321	2.515 ug/mlm
16) T benzo[b]fluoranthene ...	16.099	330442	2.212 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.129	355123	2.359 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	324267	2.247 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.841	295578	2.178 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	373403	2.608 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	310403	2.261 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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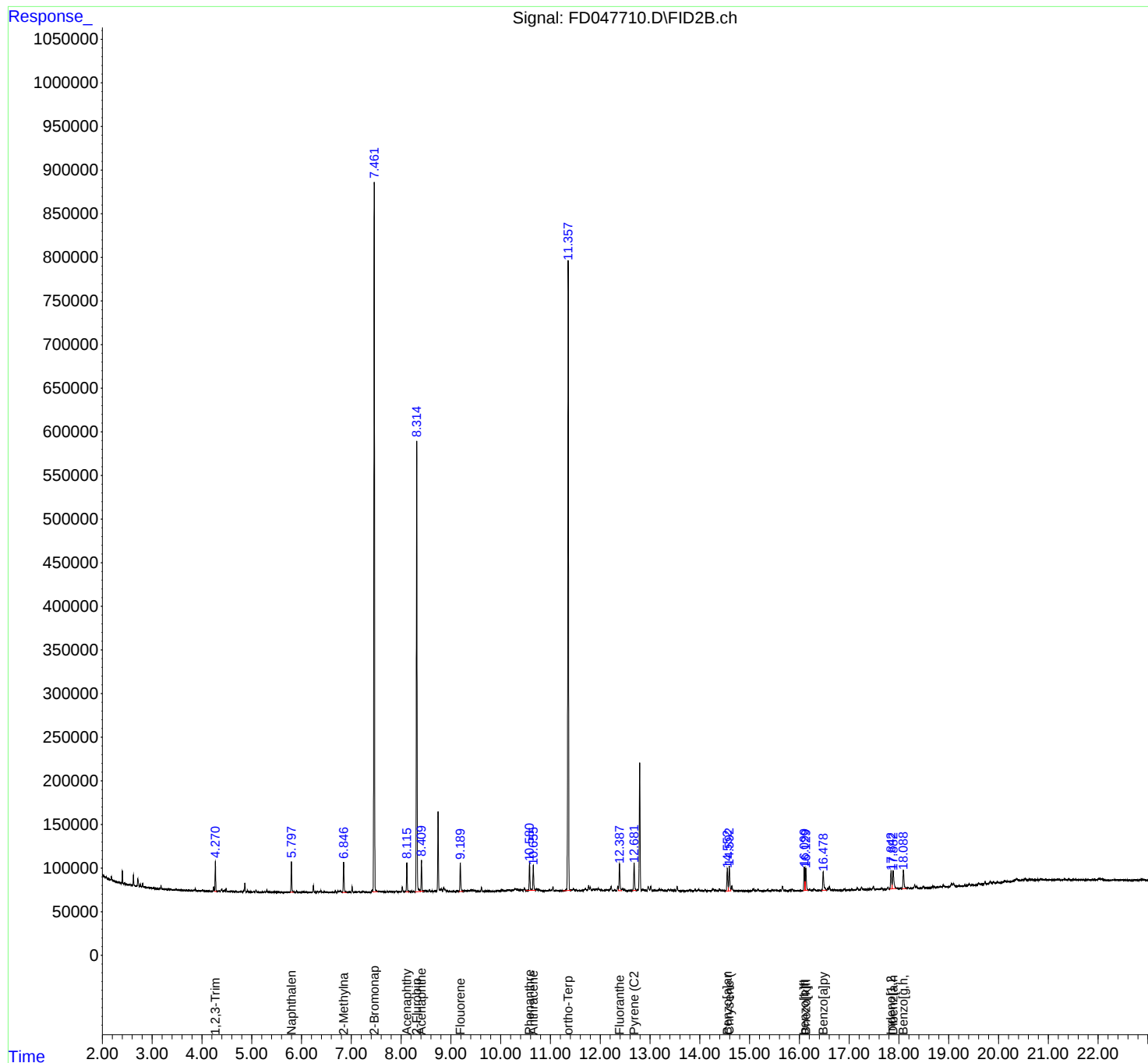
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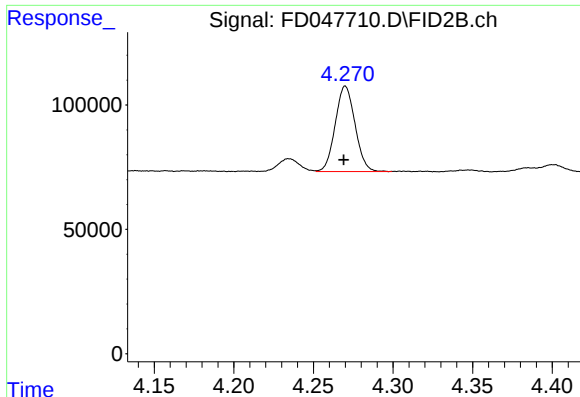
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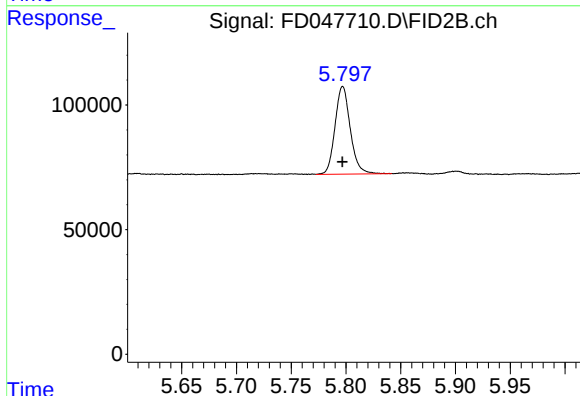
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 297919
Conc: 1.84 ug/ml

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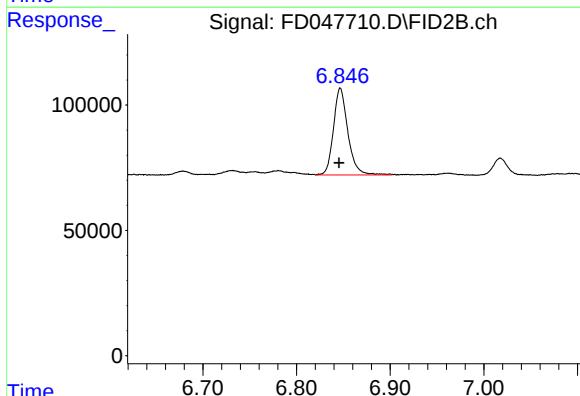
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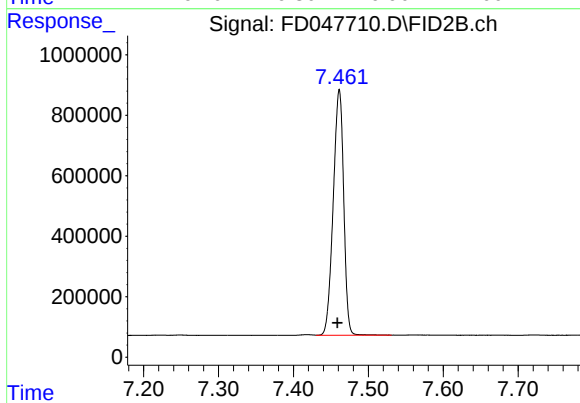
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 342214
Conc: 2.02 ug/ml m



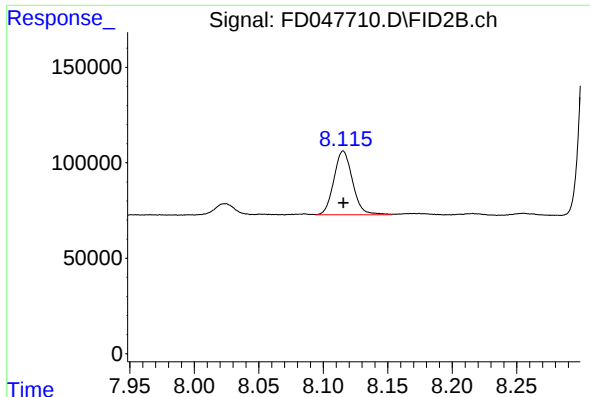
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 370435
Conc: 2.17 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min
Delta R.T.: 0.003 min
Response: 7885347
Conc: 50.28 ug/ml



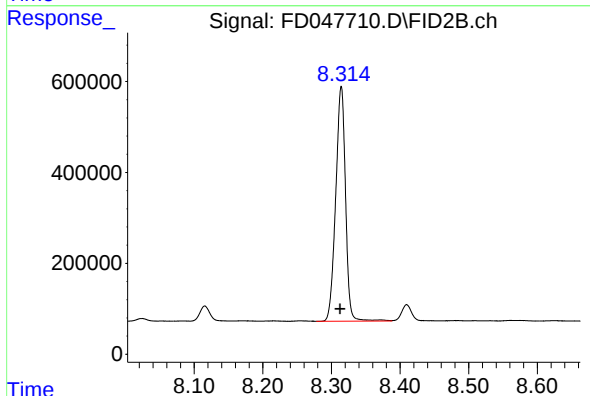
#5 Acenaphthylene (C15.06)

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 336743
Conc: 2.06 ug/ml

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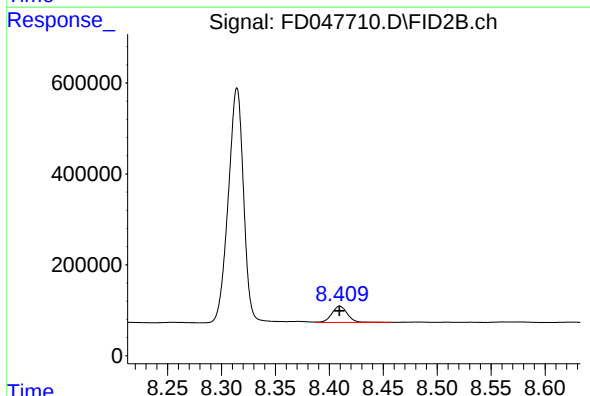
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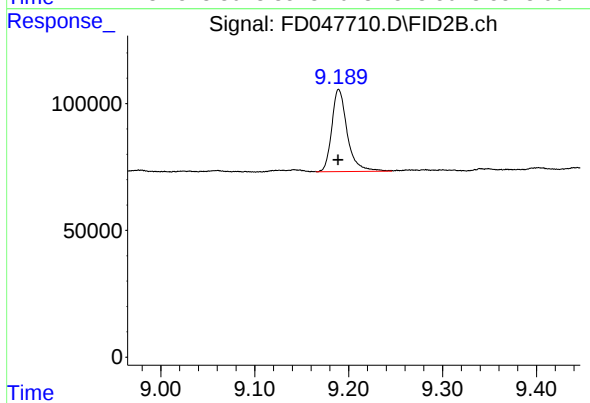
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.002 min
Response: 5135093
Conc: 49.09 ug/ml



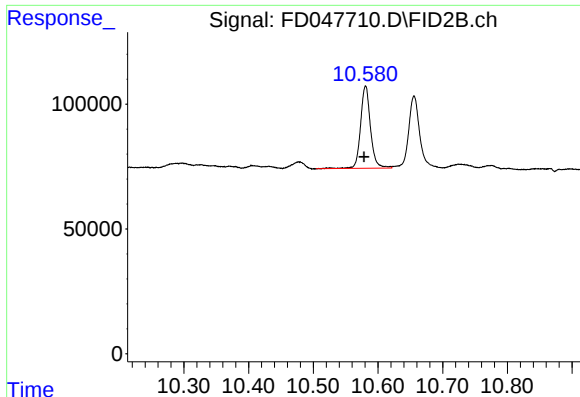
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 358936
Conc: 2.14 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 369930
Conc: 2.22 ug/ml m



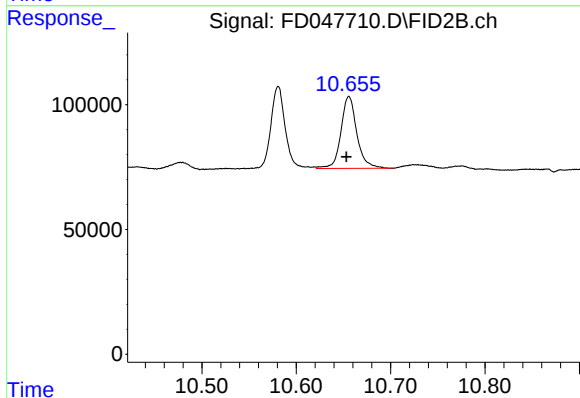
#9 Phenanthrene (C19.36)

R.T.: 10.581 min
Delta R.T.: 0.003 min
Response: 350488
Conc: 2.14 ug/ml

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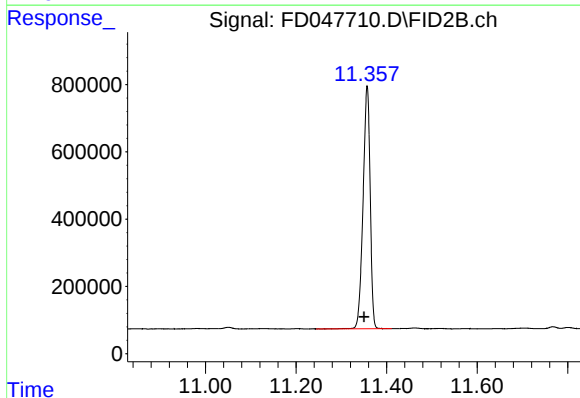
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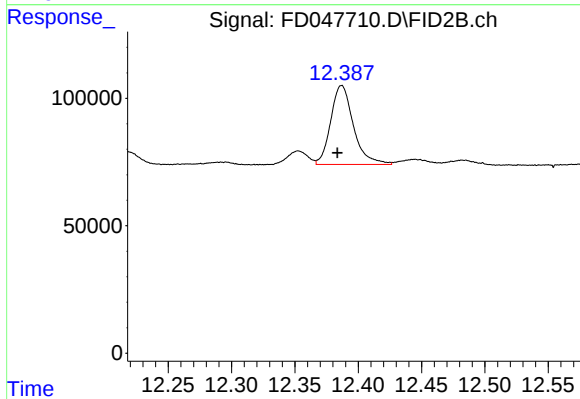
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.002 min
Response: 338498
Conc: 2.26 ug/ml



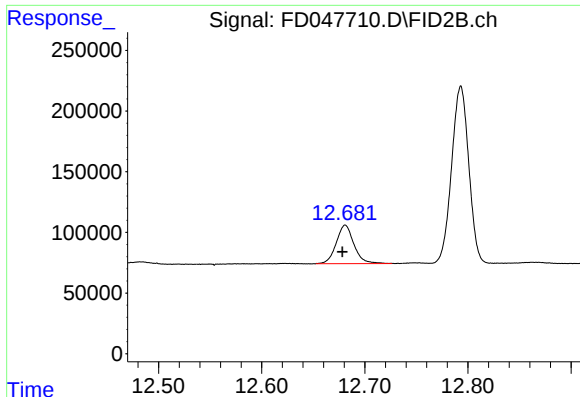
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.007 min
Response: 7831264
Conc: 41.76 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.004 min
Response: 387465
Conc: 2.34 ug/ml m



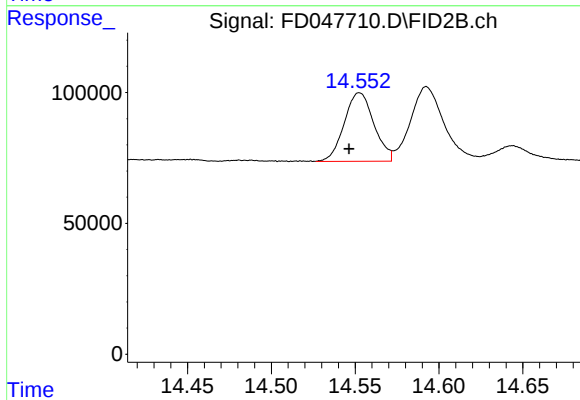
#13 Pyrene (C20.8)

R.T.: 12.681 min
Delta R.T.: 0.002 min
Response: 377651
Conc: 2.32 ug/ml

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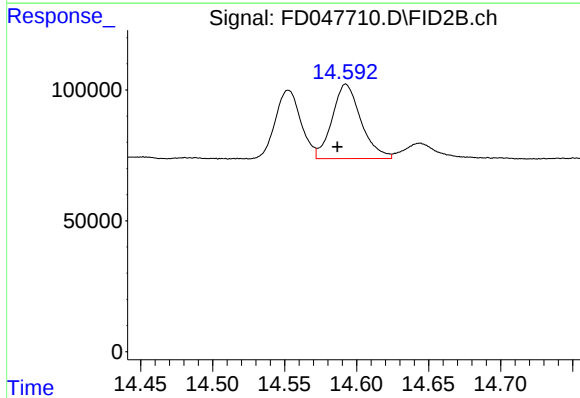
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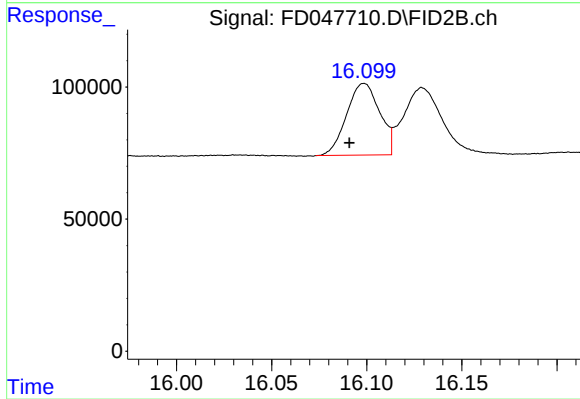
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.006 min
Response: 323629
Conc: 2.22 ug/ml m



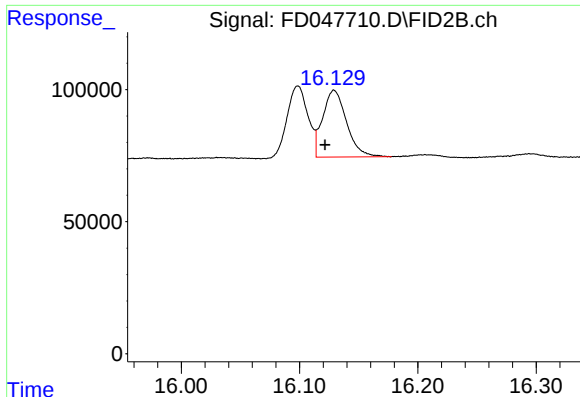
#15 Chrysene (C27.41)

R.T.: 14.592 min
Delta R.T.: 0.005 min
Response: 396321
Conc: 2.51 ug/ml m



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

R.T.: 16.099 min
Delta R.T.: 0.008 min
Response: 330442
Conc: 2.21 ug/ml m



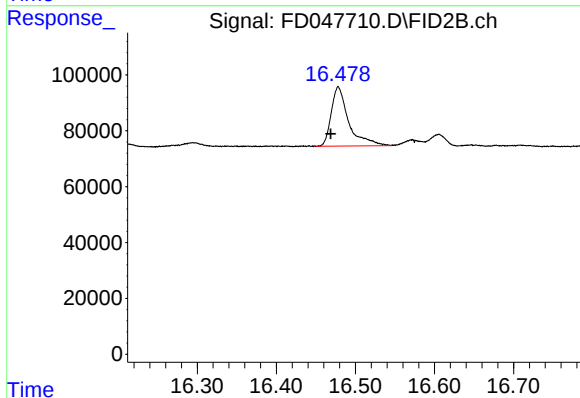
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.129 min
Delta R.T.: 0.008 min
Response: 355123
Conc: 2.36 ug/ml

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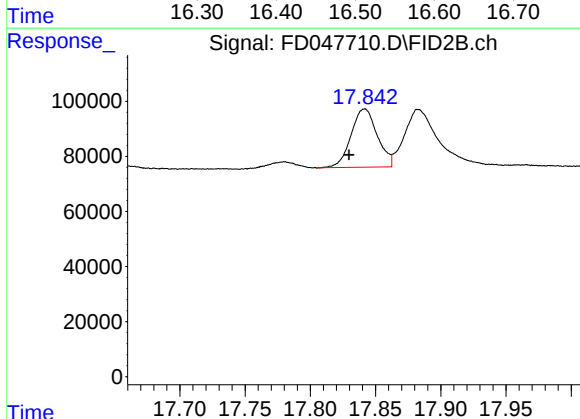
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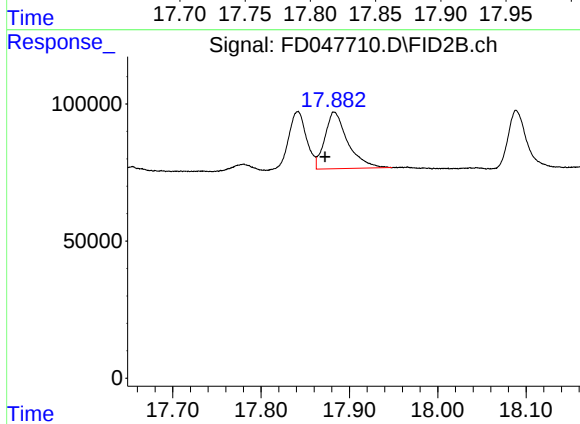
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.009 min
Response: 324267
Conc: 2.25 ug/ml m



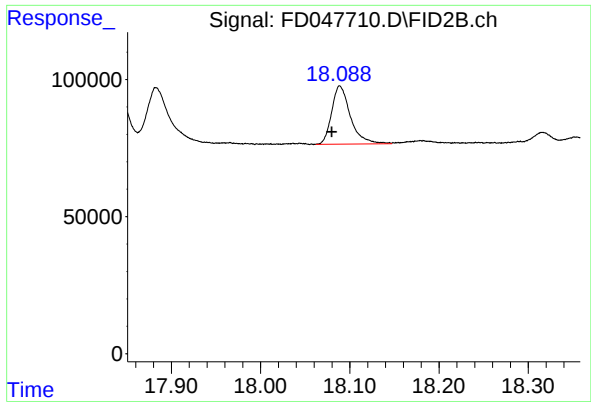
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.012 min
Response: 295578
Conc: 2.18 ug/ml



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

R.T.: 17.883 min
Delta R.T.: 0.011 min
Response: 373403
Conc: 2.61 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.008 min
Response: 310403
Conc: 2.26 ug/ml

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