

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111124AR\
 Data File : FD048700.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2024 16:33
 Operator : YP/AJ
 Sample : PB164847BSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB164847BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :Ankita Jodhani 11/12/2024

Integration File: autoint1.e
 Quant Time: Nov 11 20:46:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.369	7162920	47.193 ug/ml
Spiked Amount 50.000		Recovery =	94.39%
6) S 2-Fluorobiphenyl (SURR)	8.218	3663603	37.311 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.62%
11) S ortho-Terphenyl (SURR)	11.256	6726567	39.489 ug/ml
Spiked Amount 50.000		Recovery =	78.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.191	4143255	23.816 ug/mlm
2) T Naphthalene (C11.7)	5.708	5051101	28.308 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	4942431	27.632 ug/ml
5) T Acenaphthylene (C15.06)	8.021	5919725	33.713 ug/ml
7) T Acenaphthene (C15.5)	8.316	6095187	34.366 ug/ml
8) T Flouorene (C16.55)	9.095	6276534	37.131 ug/ml
9) T Phenanthrene (C19.36)	10.483	6388007	38.644 ug/ml
10) T Anthracene (C19.43)	10.559	6331410	39.594 ug/ml
12) T Fluoranthene (C21.85)	12.288	6764527	41.103 ug/mlm
13) T Pyrene (C20.8)	12.581	6588574	40.903 ug/ml
14) T Benzo[a]anthracene (C...	14.451	6290265	43.021 ug/ml
15) T Chrysene (C27.41)	14.494	6416266	39.006 ug/ml
16) T benzo[b]fluoranthene ...	15.999	6366342	41.876 ug/ml
17) T Bnezo[k]fluoranthene ...	16.033	6569676	43.709 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.375	6143108	40.819 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	6165507	47.253 ug/ml
20) T Dibenz[a,h]anthracene...	17.780	6332908	38.915 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	5934771	38.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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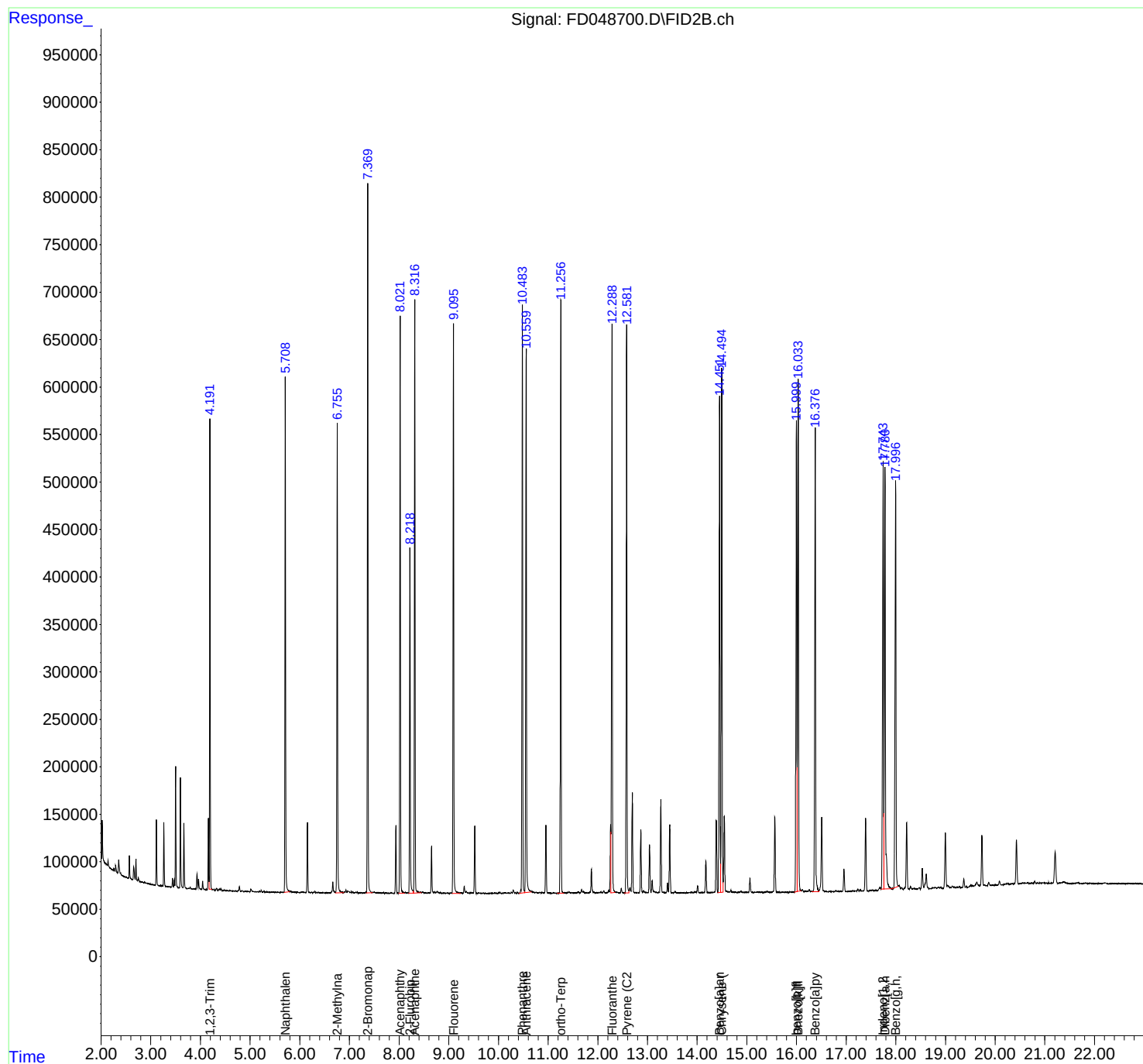
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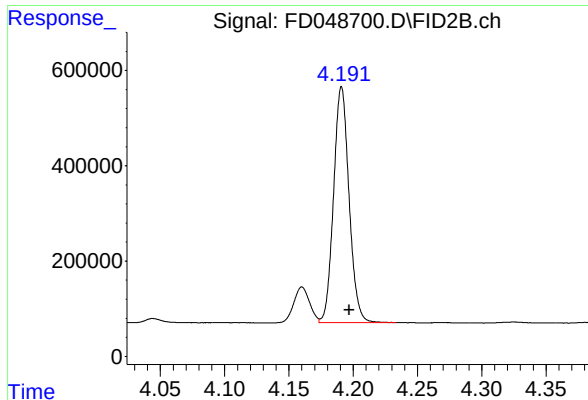
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.191 min
Delta R.T.: -0.006 min
Response: 4143255
Conc: 23.82 ug/ml

Instrument :

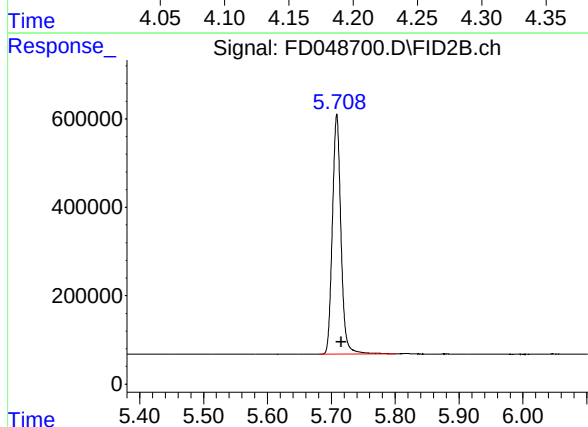
FID_D

ClientSampleId :

PB164847BSD

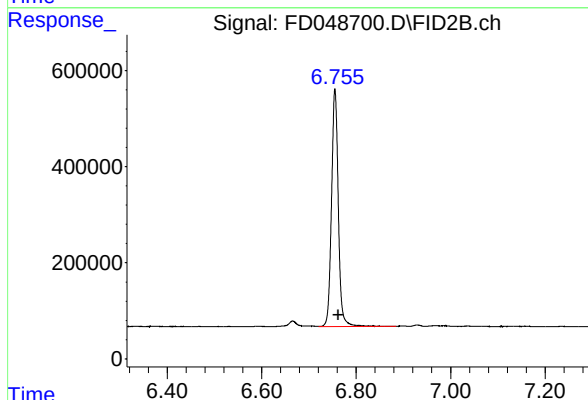
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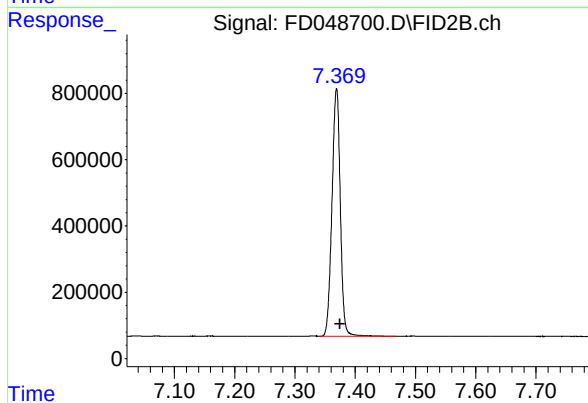
#2 Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: -0.007 min
Response: 5051101
Conc: 28.31 ug/ml



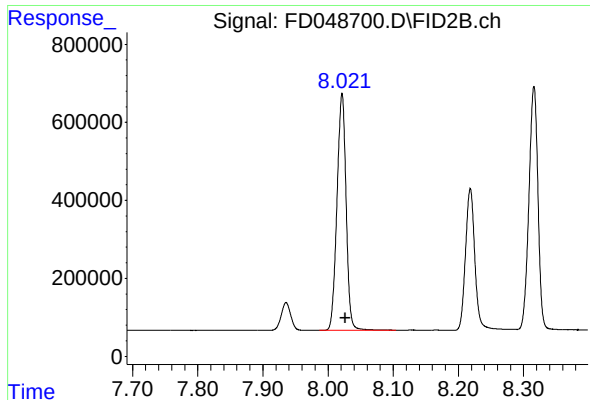
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: -0.007 min
Response: 4942431
Conc: 27.63 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.369 min
Delta R.T.: -0.006 min
Response: 7162920
Conc: 47.19 ug/ml



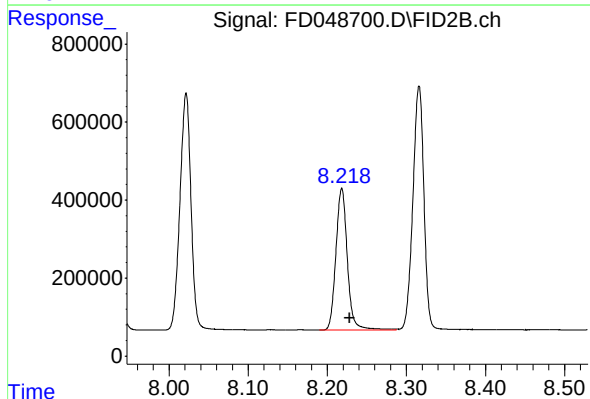
#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 5919725
Conc: 33.71 ug/ml

Instrument :
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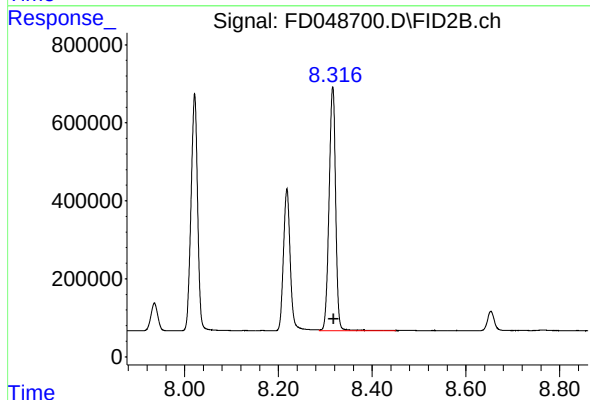
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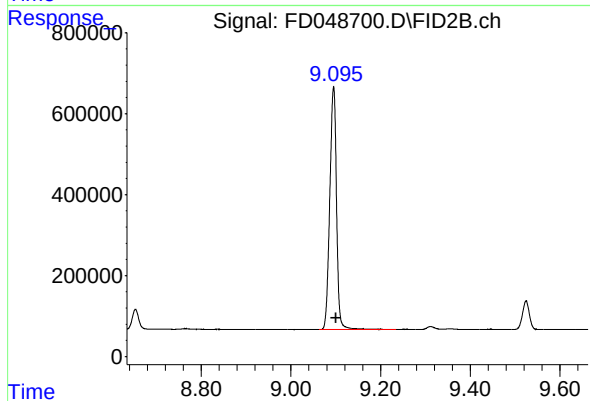
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: -0.010 min
Response: 3663603
Conc: 37.31 ug/ml



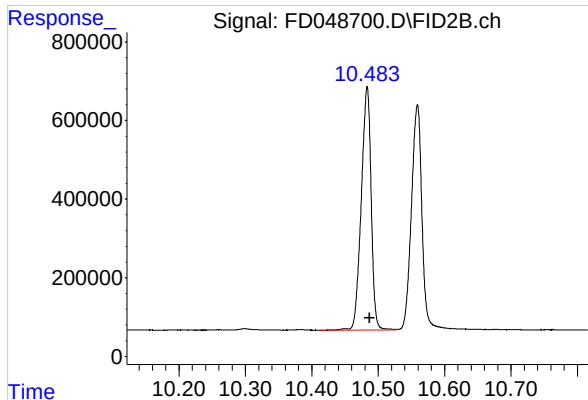
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 6095187
Conc: 34.37 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.095 min
Delta R.T.: -0.006 min
Response: 6276534
Conc: 37.13 ug/ml



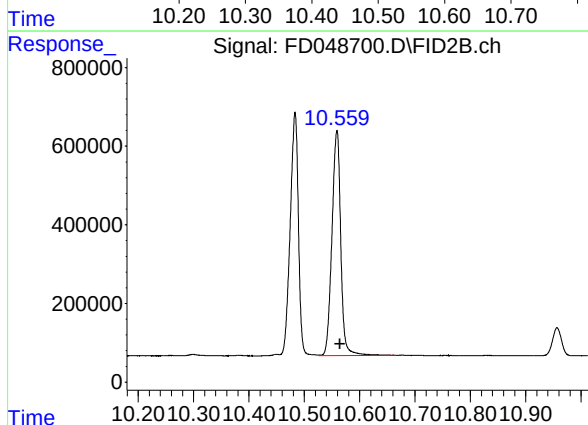
#9 Phenanthrene (C19.36)

R.T.: 10.483 min
Delta R.T.: -0.004 min
Response: 6388007
Conc: 38.64 ug/ml

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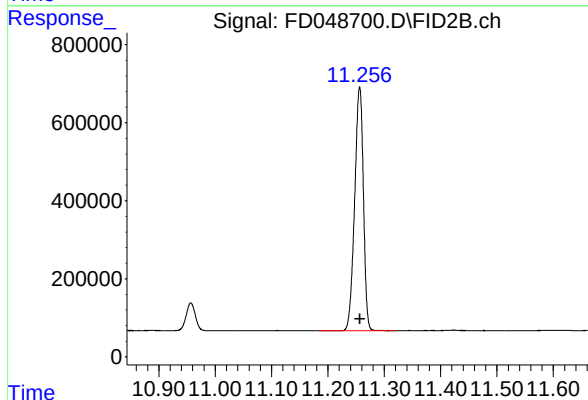
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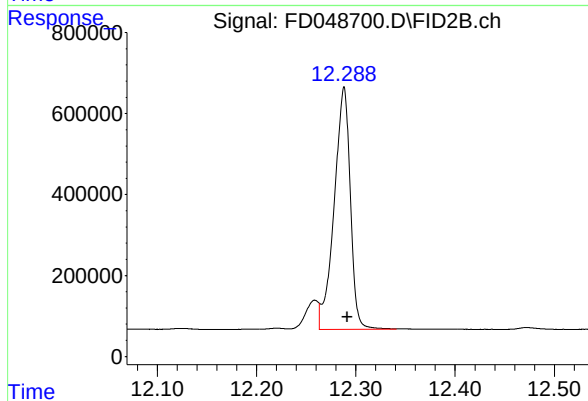
#10 Anthracene (C19.43)

R.T.: 10.559 min
Delta R.T.: -0.006 min
Response: 6331410
Conc: 39.59 ug/ml



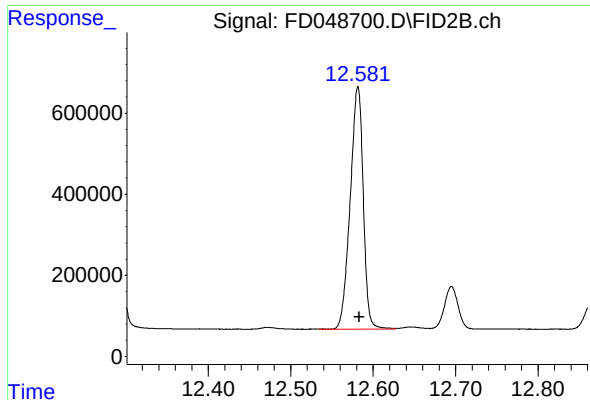
#11 ortho-Terphenyl (SURR)

R.T.: 11.256 min
Delta R.T.: 0.000 min
Response: 6726567
Conc: 39.49 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.288 min
Delta R.T.: -0.003 min
Response: 6764527
Conc: 41.10 ug/ml m



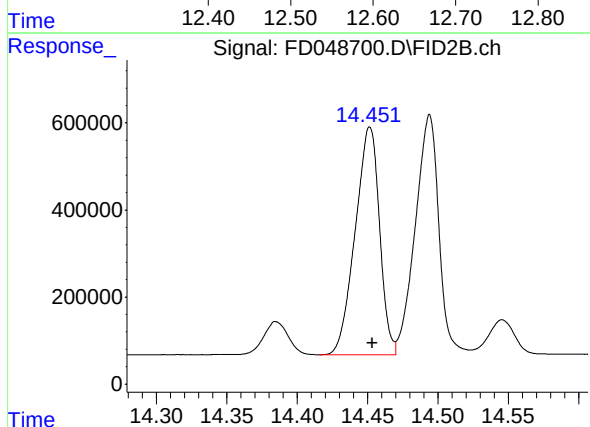
#13 Pyrene (C20.8)

R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 6588574
Conc: 40.90 ug/ml

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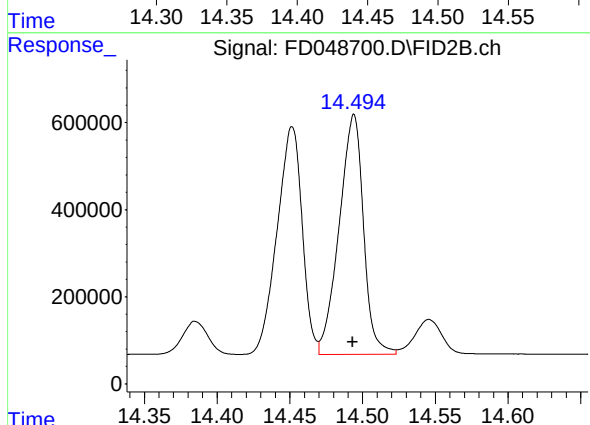
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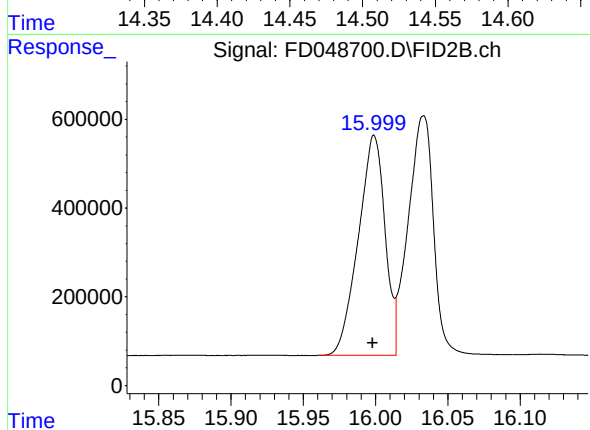
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.451 min
Delta R.T.: -0.002 min
Response: 6290265
Conc: 43.02 ug/ml



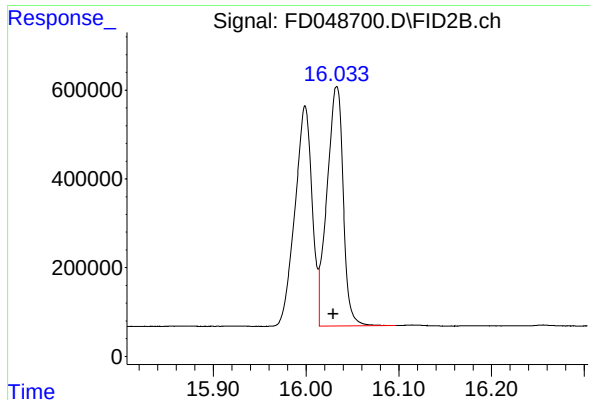
#15 Chrysene (C27.41)

R.T.: 14.494 min
Delta R.T.: 0.000 min
Response: 6416266
Conc: 39.01 ug/ml



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

R.T.: 15.999 min
Delta R.T.: 0.000 min
Response: 6366342
Conc: 41.88 ug/ml



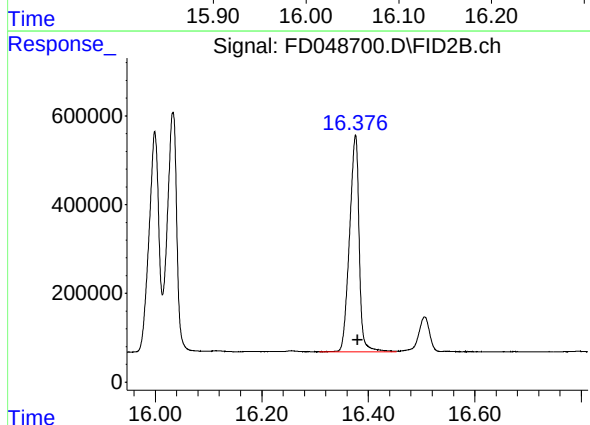
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.033 min
Delta R.T.: 0.003 min
Response: 6569676
Conc: 43.71 ug/ml

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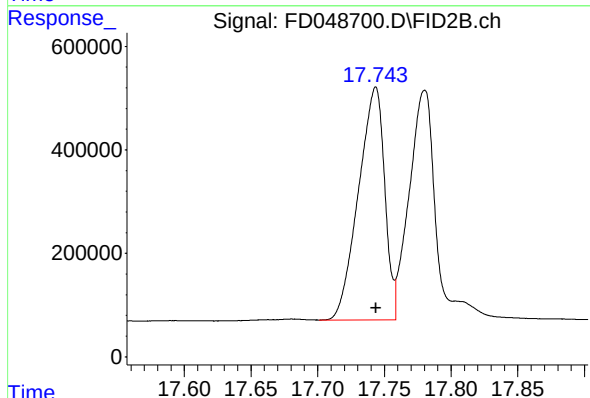
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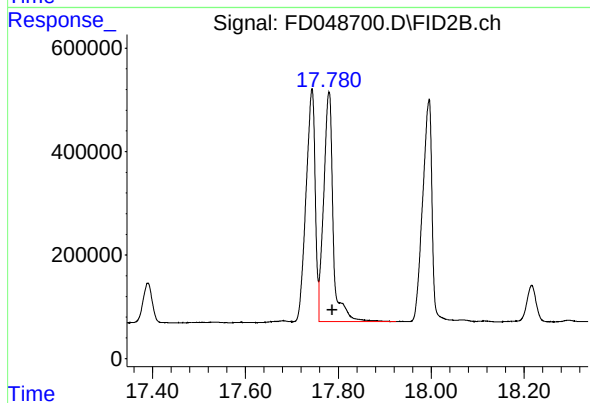
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.375 min
Delta R.T.: -0.005 min
Response: 6143108
Conc: 40.82 ug/ml



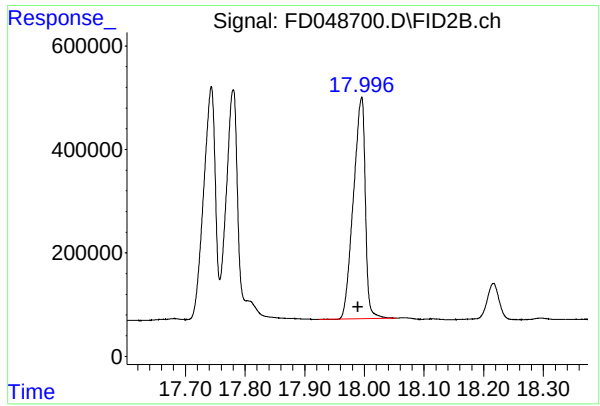
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: 0.000 min
Response: 6165507
Conc: 47.25 ug/ml



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

R.T.: 17.780 min
Delta R.T.: -0.007 min
Response: 6332908
Conc: 38.92 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.005 min
Response: 5934771
Conc: 38.77 ug/ml

Instrument :

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