

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051923AR\
 Data File : FD045696.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2023 18:07
 Operator : YP/AJ
 Sample : PB152896BSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB152896BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/20/2023
 Supervised By :Ankita Jodhani 05/22/2023

Integration File: autoint1.e
 Quant Time: May 20 00:35:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 2023
 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...	7.543	7934388	46.516 ug/ml
Spiked Amount 50.000		Recovery =	93.03%
6) S 2-Fluorobiphenyl (SURR)	8.400	5347019	46.506 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.01%
11) S ortho-Terphenyl (SURR)	11.439	8269701	39.170 ug/ml
Spiked Amount 50.000		Recovery =	78.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	7307781	39.149 ug/ml
2) T Naphthalene (C11.7)	5.882	8241259	41.898 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	8156573	41.289 ug/ml
5) T Acenaphthylene (C15.06)	8.205	8789306	48.921 ug/ml
7) T Acenaphthene (C15.5)	8.501	9271210	48.719 ug/ml
8) T Fluorene (C16.55)	9.280	9203312	48.800 ug/ml
9) T Phenanthrene (C19.36)	10.671	9412788	50.641 ug/ml
10) T Anthracene (C19.43)	10.747	9483078	53.045 ug/ml
12) T Fluoranthene (C21.85)	12.477	9345129	51.803 ug/ml
13) T Pyrene (C20.8)	12.772	9314353	53.146 ug/ml
14) T Benzo[a]anthracene (C...	14.637	8570631	53.846 ug/ml
15) T Chrysene (C27.41)	14.681	8484910	52.254 ug/ml
16) T benzo[b]fluoranthene ...	16.180	8312970	56.444 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	7954362	55.013 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.556	7265252	52.108 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	7164251	56.388 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	7435052	57.892 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	7433499	57.792 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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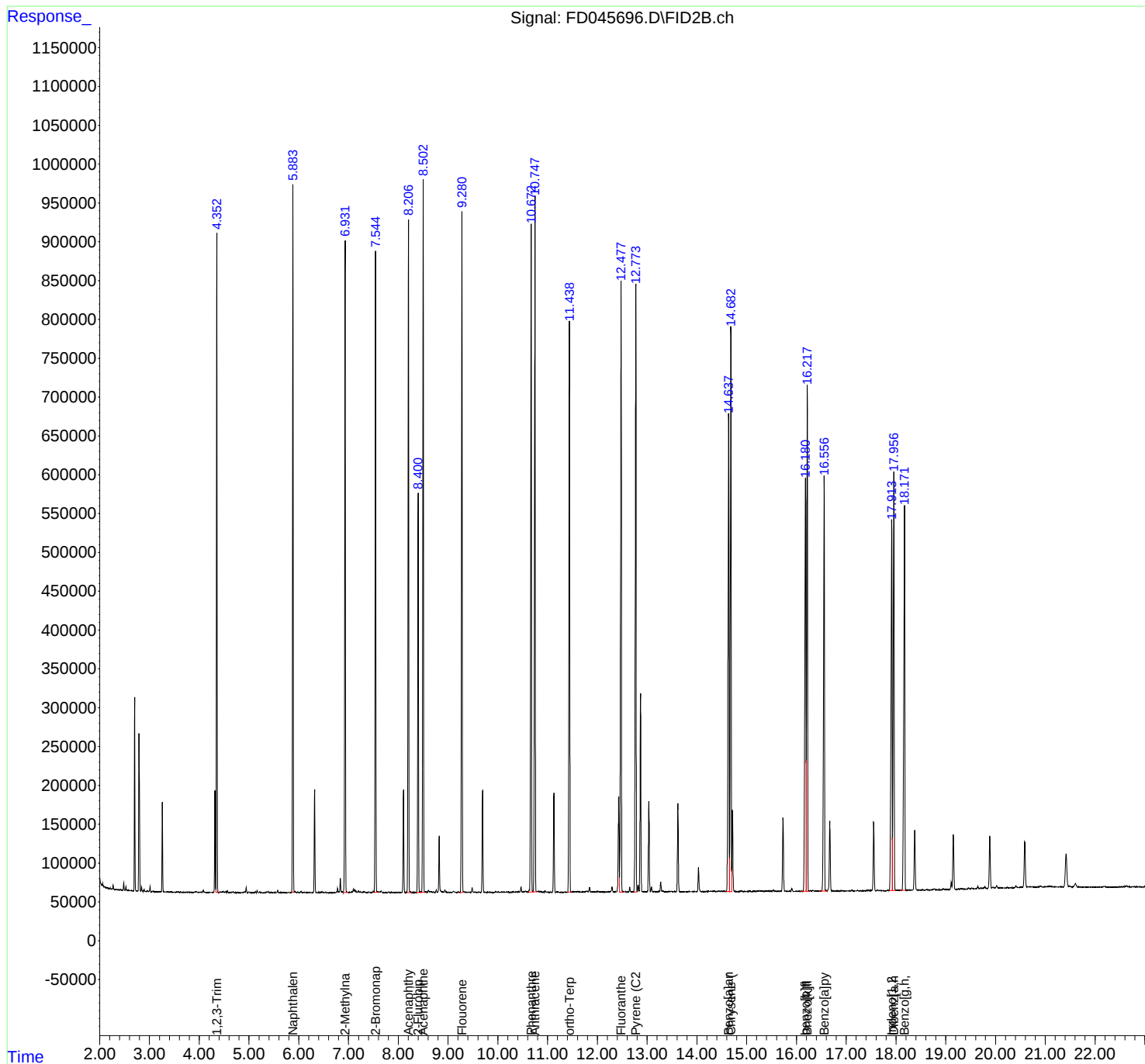
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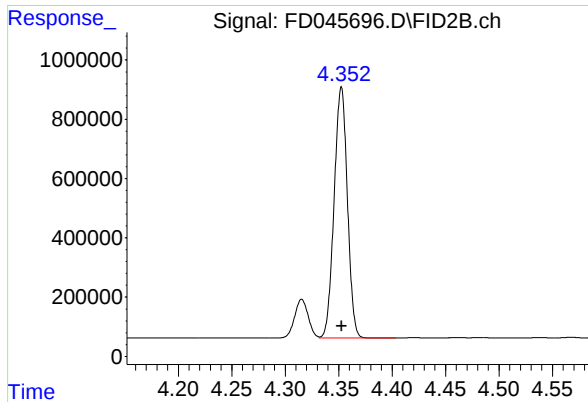
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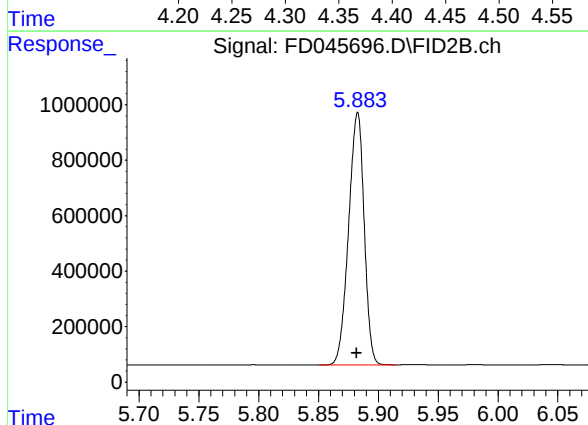
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 7307781
Conc: 39.15 ug/ml

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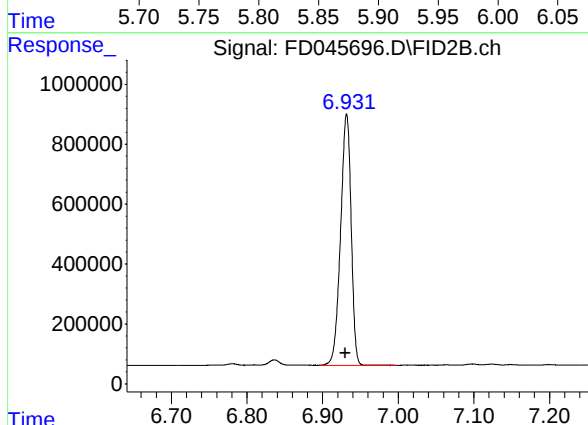
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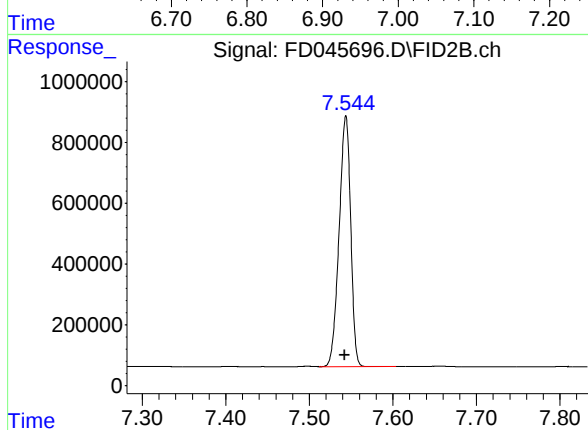
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 8241259
Conc: 41.90 ug/ml



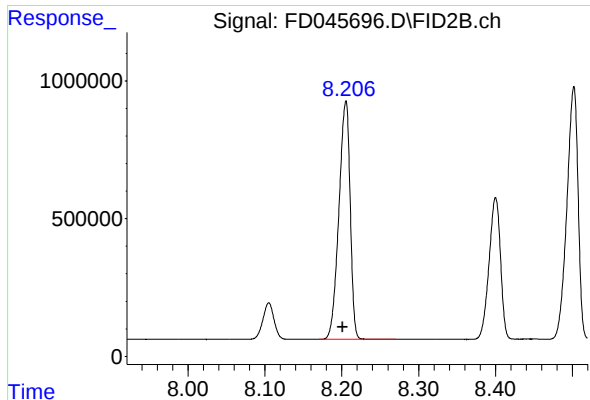
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.001 min
Response: 8156573
Conc: 41.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.543 min
Delta R.T.: 0.001 min
Response: 7934388
Conc: 46.52 ug/ml



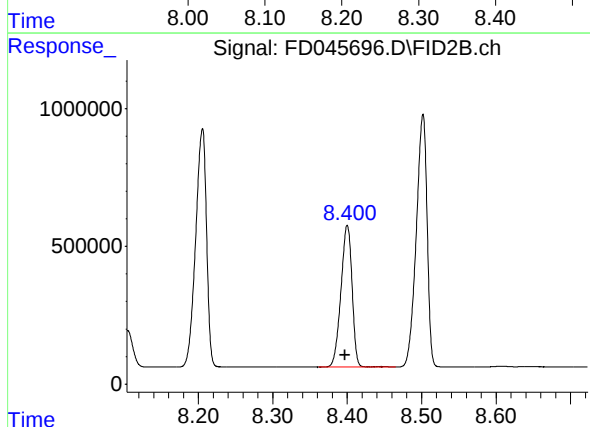
#5 Acenaphthylene (C15.06)

R.T.: 8.205 min
Delta R.T.: 0.004 min
Response: 8789306
Conc: 48.92 ug/ml

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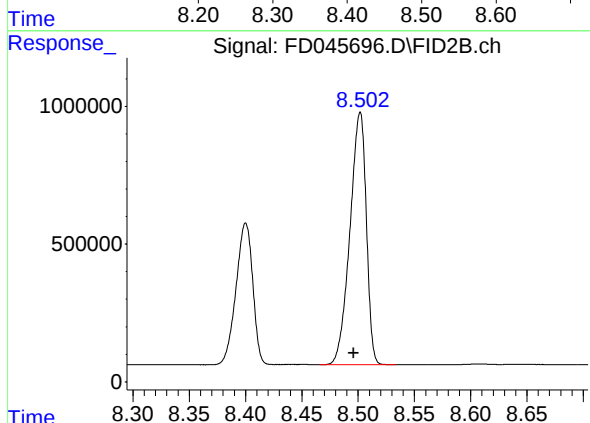
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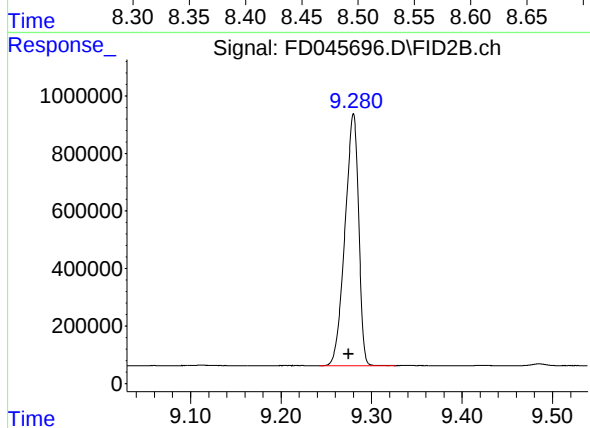
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: 0.003 min
Response: 5347019
Conc: 46.51 ug/ml



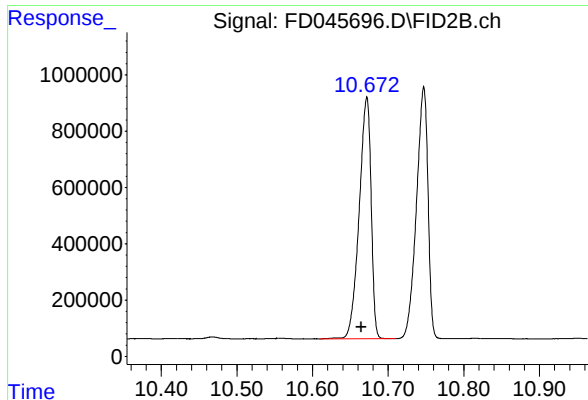
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: 0.005 min
Response: 9271210
Conc: 48.72 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.280 min
Delta R.T.: 0.005 min
Response: 9203312
Conc: 48.80 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.671 min
Delta R.T.: 0.007 min
Response: 9412788
Conc: 50.64 ug/ml

Instrument :

FID_D

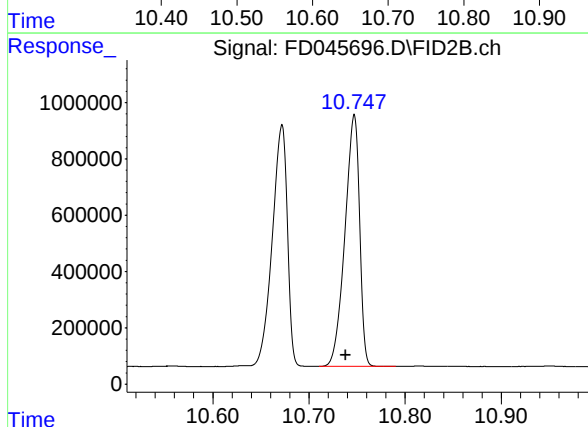
ClientSampleId :

PB152896BSD

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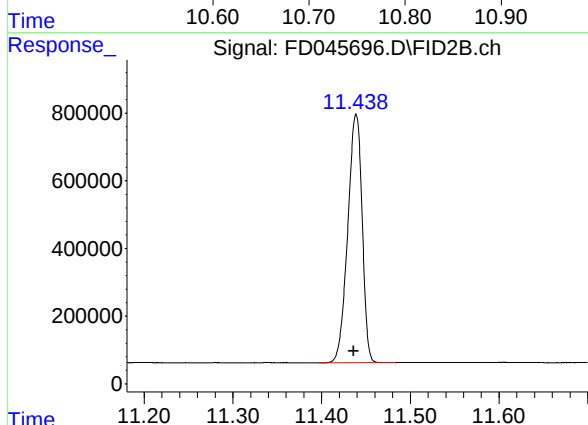
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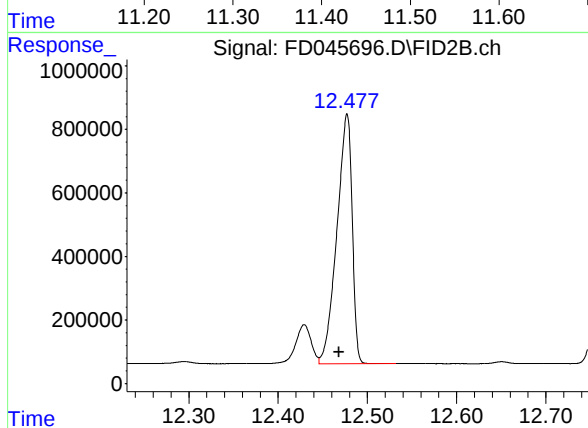
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: 0.008 min
Response: 9483078
Conc: 53.05 ug/ml



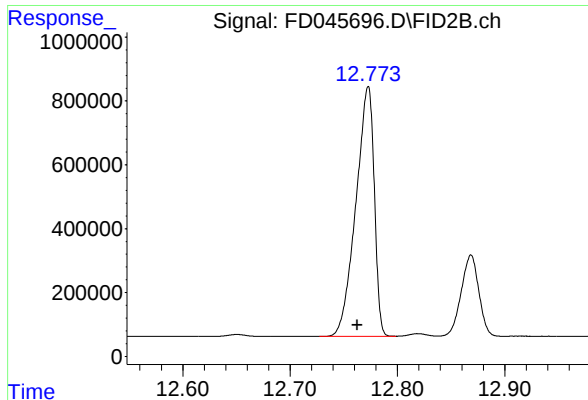
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: 0.003 min
Response: 8269701
Conc: 39.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.477 min
Delta R.T.: 0.009 min
Response: 9345129
Conc: 51.80 ug/ml



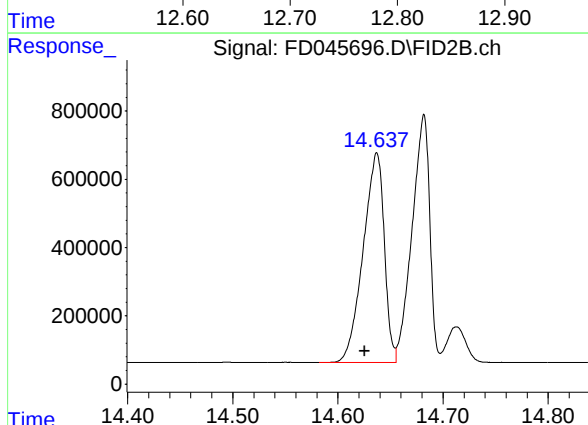
#13 Pyrene (C20.8)

R.T.: 12.772 min
Delta R.T.: 0.010 min
Response: 9314353
Conc: 53.15 ug/ml

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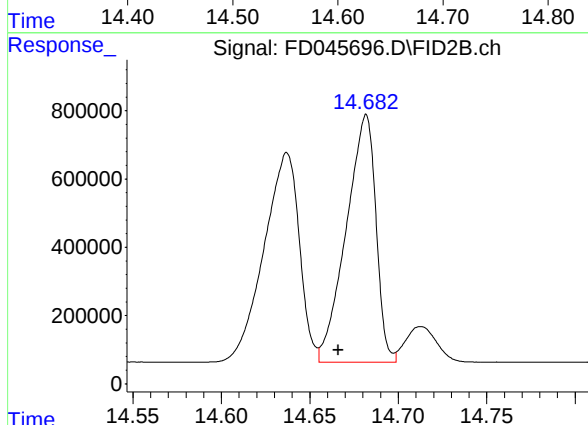
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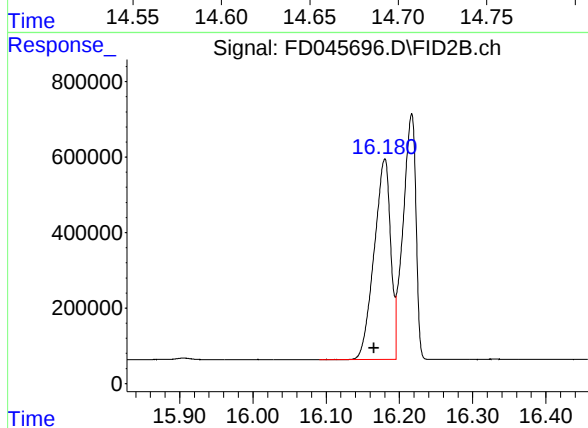
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: 0.011 min
Response: 8570631
Conc: 53.85 ug/ml



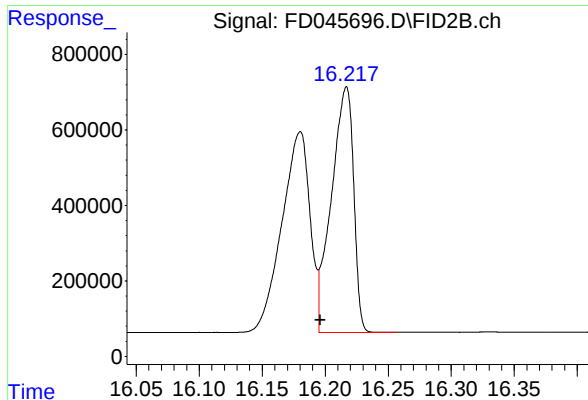
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: 0.015 min
Response: 8484910
Conc: 52.25 ug/ml



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

R.T.: 16.180 min
Delta R.T.: 0.014 min
Response: 8312970
Conc: 56.44 ug/ml



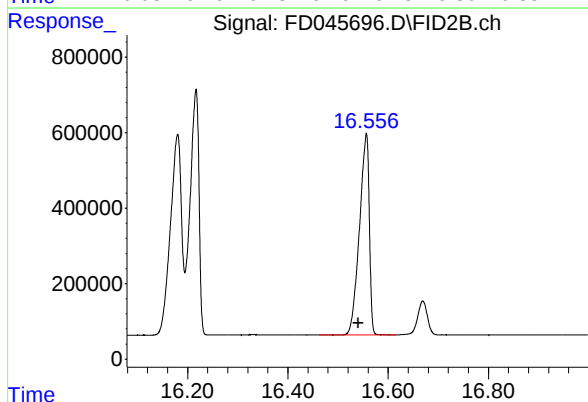
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: 0.021 min
Response: 7954362
Conc: 55.01 ug/ml

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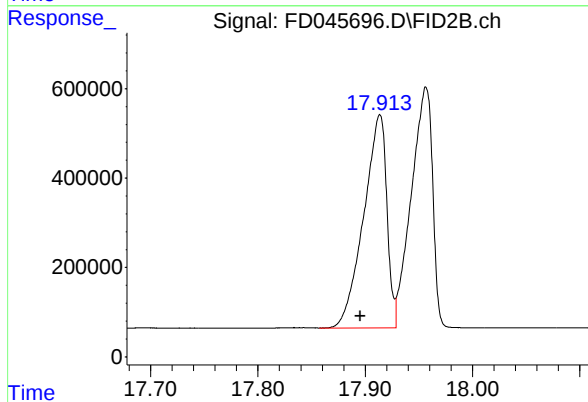
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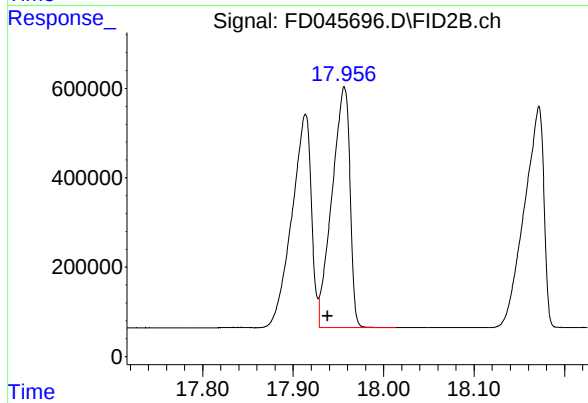
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: 0.015 min
Response: 7265252
Conc: 52.11 ug/ml



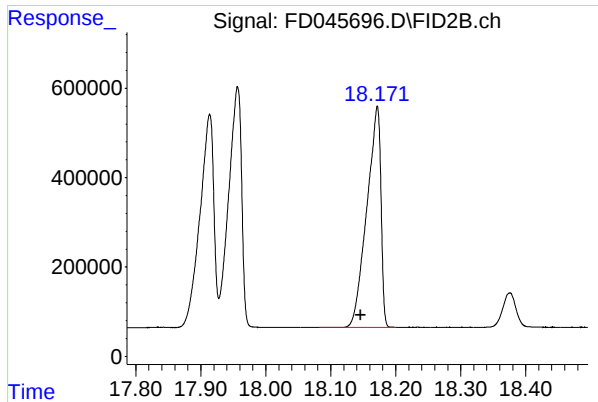
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: 0.018 min
Response: 7164251
Conc: 56.39 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.018 min
Response: 7435052
Conc: 57.89 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.025 min
Response: 7433499
Conc: 57.79 ug/ml

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