

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120723AR\
 Data File : FD047014.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2023 19:20
 Operator : YP/AJ
 Sample : 05639-01MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 E8965C-CC-001MS

Integration File: autoint1.e
 Quant Time: Dec 07 23:26:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.477	10020033	57.918 ug/ml
Spiked Amount 50.000		Recovery =	115.84%
6) S 2-Fluorobiphenyl (SURR)	8.329	4170937	38.356 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.71%
11) S ortho-Terphenyl (SURR)	11.368	8572487	43.079 ug/ml
Spiked Amount 50.000		Recovery =	86.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.290	4932540	26.510 ug/ml
2) T Naphthalene (C11.7)	5.815	6086128	31.960 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	6779291	35.204 ug/ml
5) T Acenaphthylene (C15.06)	8.133	7700520	44.237 ug/ml
7) T Acenaphthene (C15.5)	8.429	7617123	41.073 ug/ml
8) T Fluorene (C16.55)	9.208	8050977	46.642 ug/ml
9) T Phenanthrene (C19.36)	10.597	8471615	51.598 ug/ml
10) T Anthracene (C19.43)	10.672	7439293	48.107 ug/ml
12) T Fluoranthene (C21.85)	12.402	8568881	54.064 ug/ml
13) T Pyrene (C20.8)	12.697	8305747	54.285 ug/ml
14) T Benzo[a]anthracene (C...	14.560	6877106	53.039 ug/ml
15) T Chrysene (C27.41)	14.604	6869276	47.925 ug/ml
16) T benzo[b]fluoranthene ...	16.105	6546117	49.009 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	6131276	44.877 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	5637768	43.033 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.838	5775089	48.400 ug/ml
20) T Dibenz[a,h]anthracene...	17.878	5409987	41.635 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	5107838	39.039 ug/ml

(f)=RT Delta > 1/2 Window

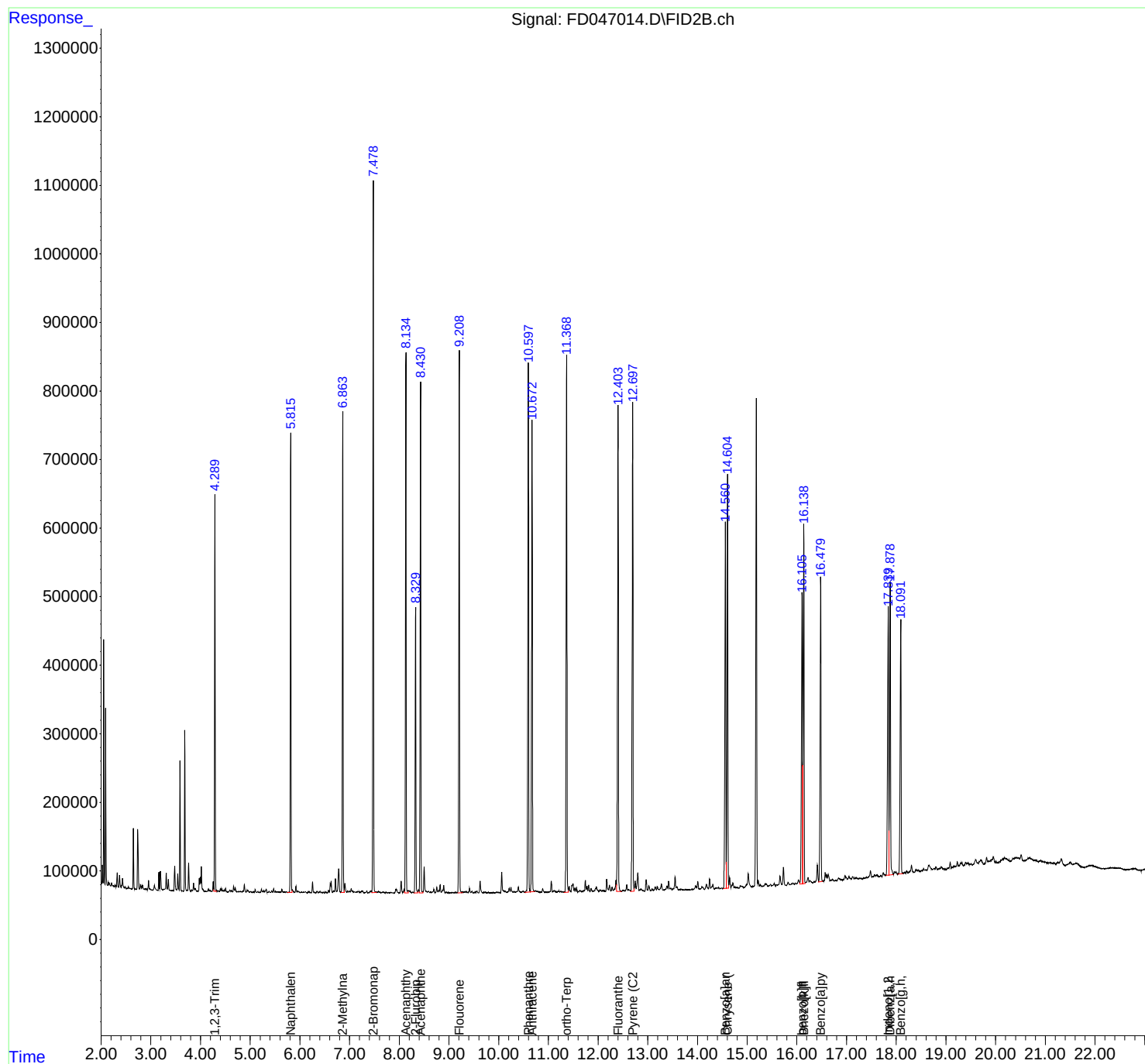
(m)=manual int.

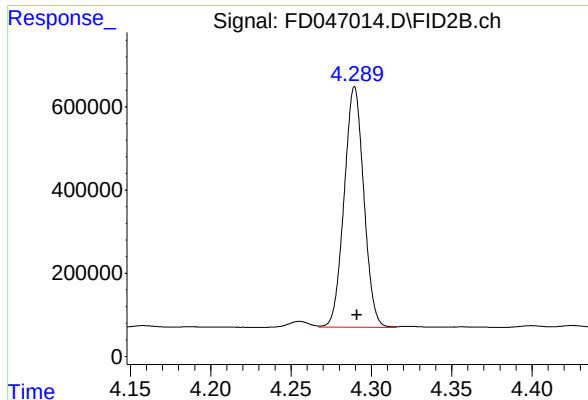
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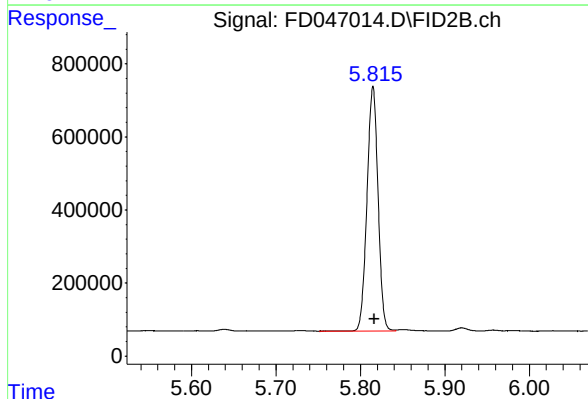




#1 1,2,3-Trimethylbenzene (C10.1)

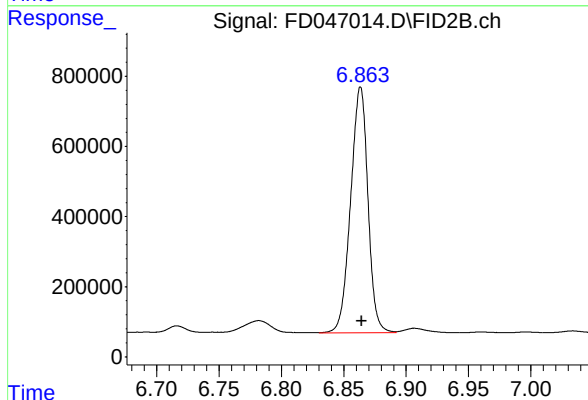
R.T.: 4.290 min
Delta R.T.: -0.001 min
Response: 4932540
Conc: 26.51 ug/ml

Instrument :
FID_D
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E8965C-CC-001MS



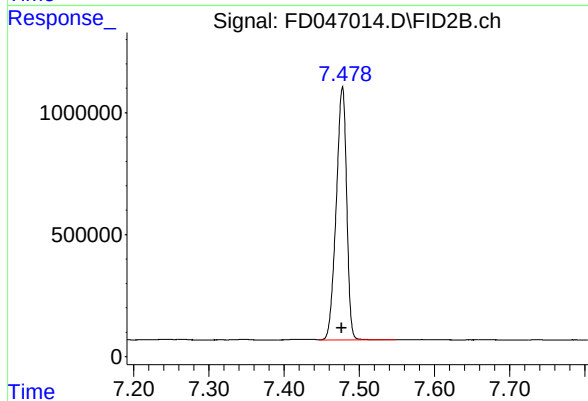
#2 Naphthalene (C11.7)

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 6086128
Conc: 31.96 ug/ml



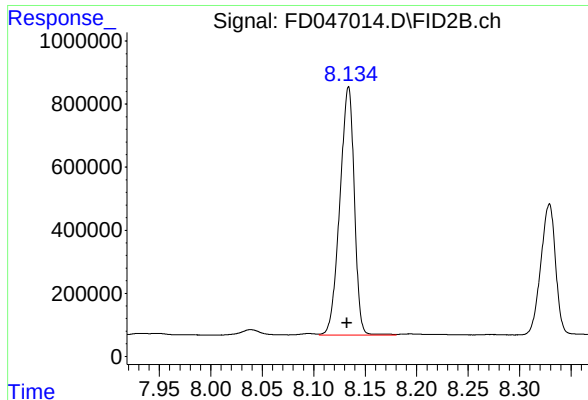
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: -0.001 min
Response: 6779291
Conc: 35.20 ug/ml



#4 2-Bromonaphthalene (SURR)

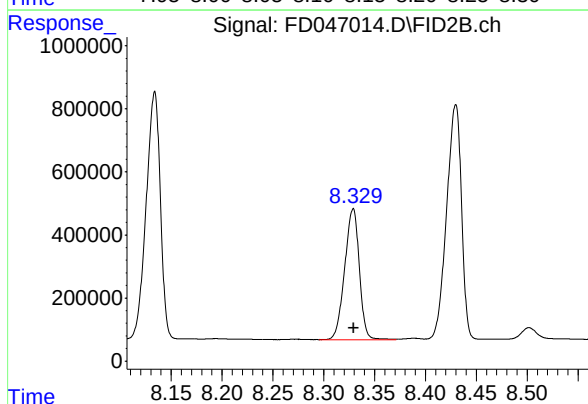
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 10020033
Conc: 57.92 ug/ml



#5 Acenaphthylene (C15.06)

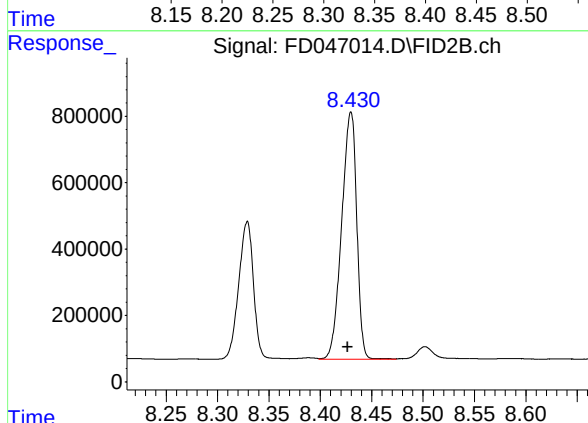
R.T.: 8.133 min
Delta R.T.: 0.001 min
Response: 7700520
Conc: 44.24 ug/ml

Instrument :
FID_D
ClientSampleId :
E8965C-CC-001MS



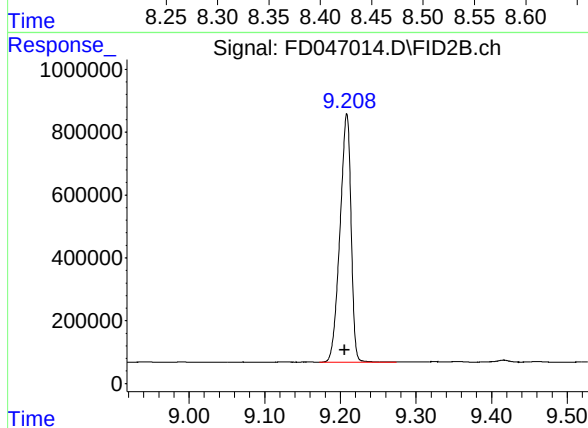
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 4170937
Conc: 38.36 ug/ml



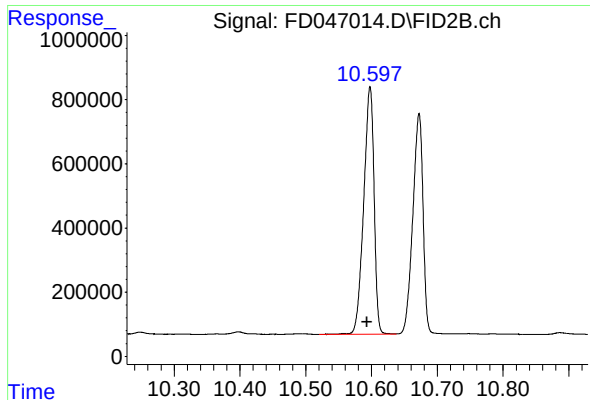
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: 0.003 min
Response: 7617123
Conc: 41.07 ug/ml



#8 Flouorene (C16.55)

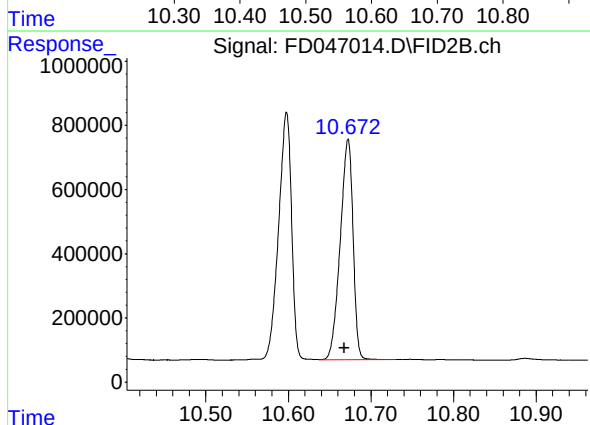
R.T.: 9.208 min
Delta R.T.: 0.002 min
Response: 8050977
Conc: 46.64 ug/ml



#9 Phenanthrene (C19.36)

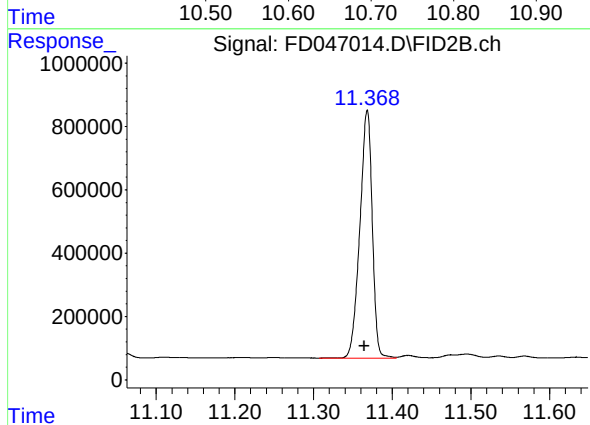
R.T.: 10.597 min
Delta R.T.: 0.004 min
Response: 8471615
Conc: 51.60 ug/ml

Instrument :
FID_D
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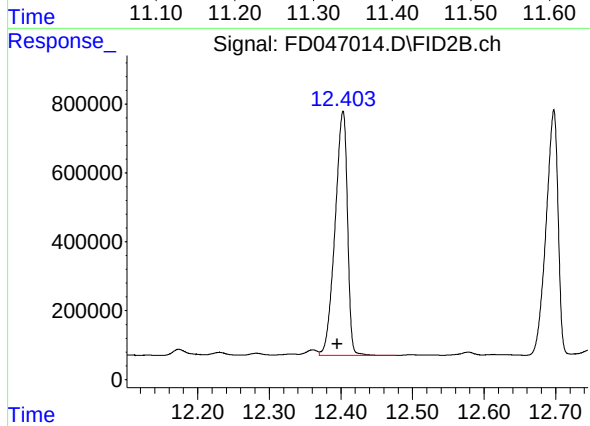
#10 Anthracene (C19.43)

R.T.: 10.672 min
Delta R.T.: 0.004 min
Response: 7439293
Conc: 48.11 ug/ml



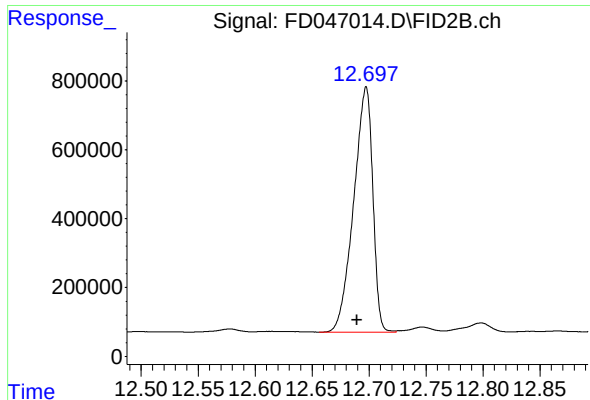
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.004 min
Response: 8572487
Conc: 43.08 ug/ml



#12 Fluoranthene (C21.85)

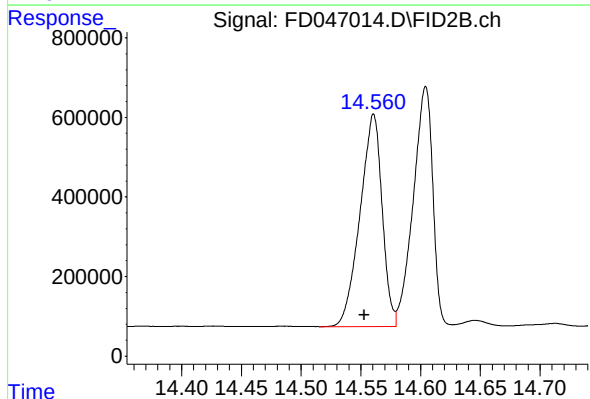
R.T.: 12.402 min
Delta R.T.: 0.007 min
Response: 8568881
Conc: 54.06 ug/ml



#13 Pyrene (C20.8)

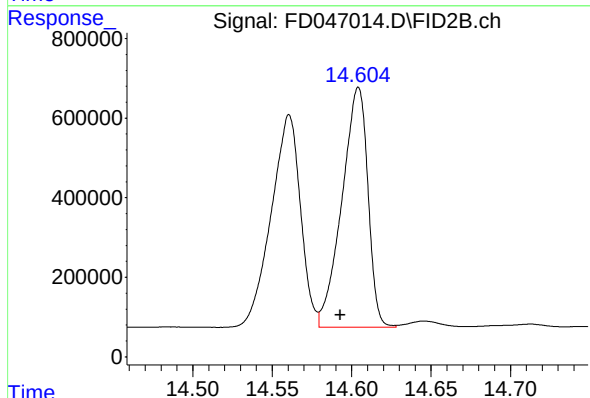
R.T.: 12.697 min
Delta R.T.: 0.008 min
Response: 8305747
Conc: 54.29 ug/ml

Instrument :
FID_D
ClientSampleId :
E8965C-CC-001MS



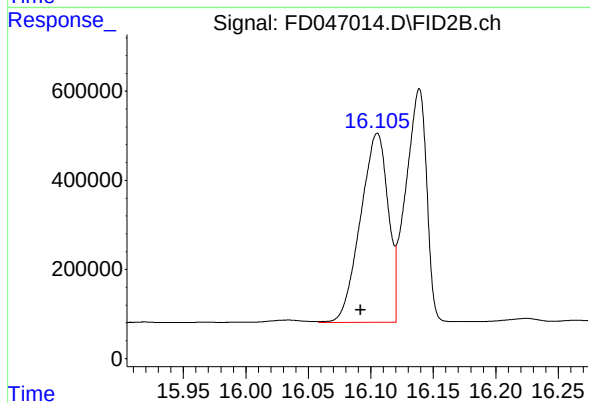
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.008 min
Response: 6877106
Conc: 53.04 ug/ml



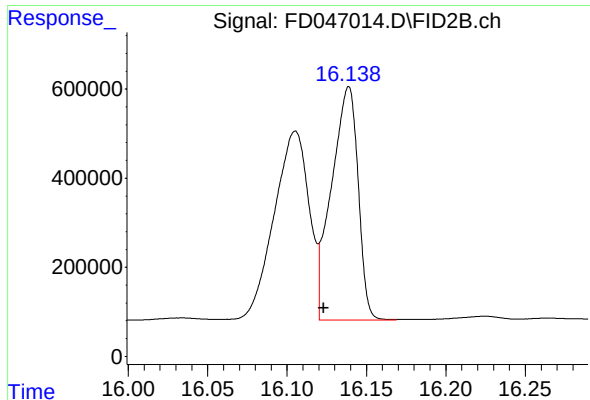
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: 0.011 min
Response: 6869276
Conc: 47.92 ug/ml



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

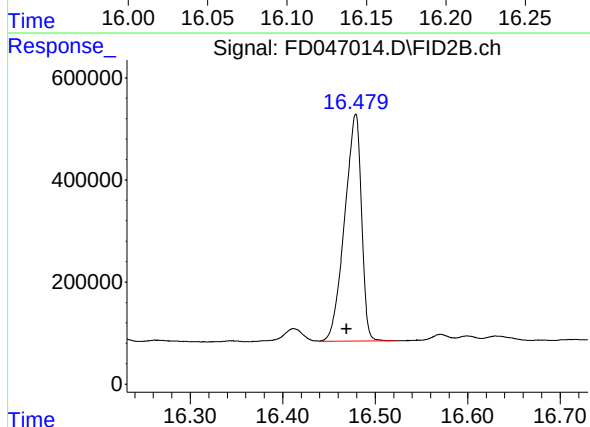
R.T.: 16.105 min
Delta R.T.: 0.013 min
Response: 6546117
Conc: 49.01 ug/ml



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

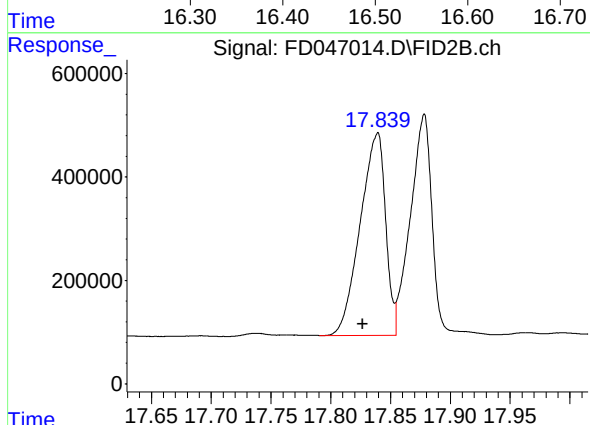
R.T.: 16.138 min
Delta R.T.: 0.015 min
Response: 6131276
Conc: 44.88 ug/ml

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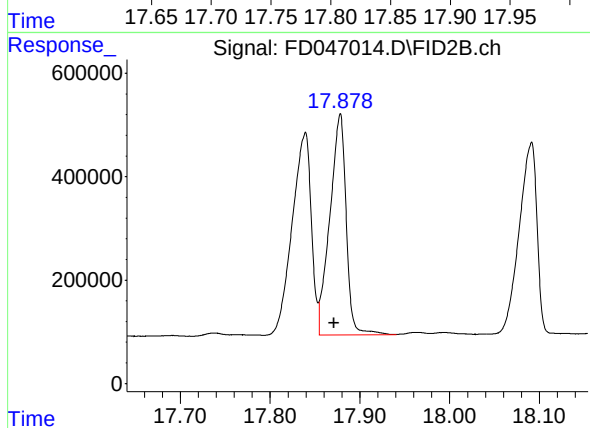
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.010 min
Response: 5637768
Conc: 43.03 ug/ml m



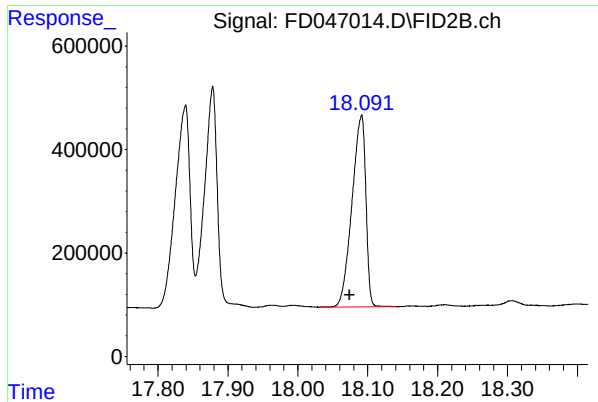
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: 0.012 min
Response: 5775089
Conc: 48.40 ug/ml



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

R.T.: 17.878 min
Delta R.T.: 0.006 min
Response: 5409987
Conc: 41.64 ug/ml



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

R.T.: 18.090 min
Delta R.T.: 0.016 min
Response: 5107838
Conc: 39.04 ug/ml

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