

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100223AR\
 Data File : FD046622.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2023 04:43
 Operator : YP/AJ
 Sample : 04678-02MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B2-11.5-12.5MSD

Integration File: autoint1.e
 Quant Time: Oct 03 05:51:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.491	8319608	47.210 ug/ml
Spiked Amount 50.000		Recovery =	94.42%
6) S 2-Fluorobiphenyl (SURR)	8.345	5435149	46.912 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.82%
11) S ortho-Terphenyl (SURR)	11.383	8500392	41.724 ug/ml
Spiked Amount 50.000		Recovery =	83.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	6889037	37.299 ug/ml
2) T Naphthalene (C11.7)	5.830	7838381	40.564 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	8054731	41.565 ug/ml
5) T Acenaphthylene (C15.06)	8.150	8411432	47.704 ug/ml
7) T Acenaphthene (C15.5)	8.446	8320285	44.282 ug/ml
8) T Fluorene (C16.55)	9.224	8589122	47.614 ug/ml
9) T Phenanthrene (C19.36)	10.614	8727104	49.635 ug/ml
10) T Anthracene (C19.43)	10.689	8495266	55.310 ug/ml
12) T Fluoranthene (C21.85)	12.418	8722957	51.179 ug/ml
13) T Pyrene (C20.8)	12.713	8710577	53.097 ug/ml
14) T Benzo[a]anthracene (C...	14.576	7808840	55.924 ug/ml
15) T Chrysene (C27.41)	14.621	7805103	51.416 ug/ml
16) T benzo[b]fluoranthene ...	16.120	7377593	53.785 ug/ml
17) T Bnezo[k]fluoranthene ...	16.155	7277304	52.535 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	6936022	51.847 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	7154240	57.075 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	6687939	50.259 ug/ml
21) T Benzo[g,h,i]perylene ...	18.109	6499315	49.285 ug/ml

(f)=RT Delta > 1/2 Window

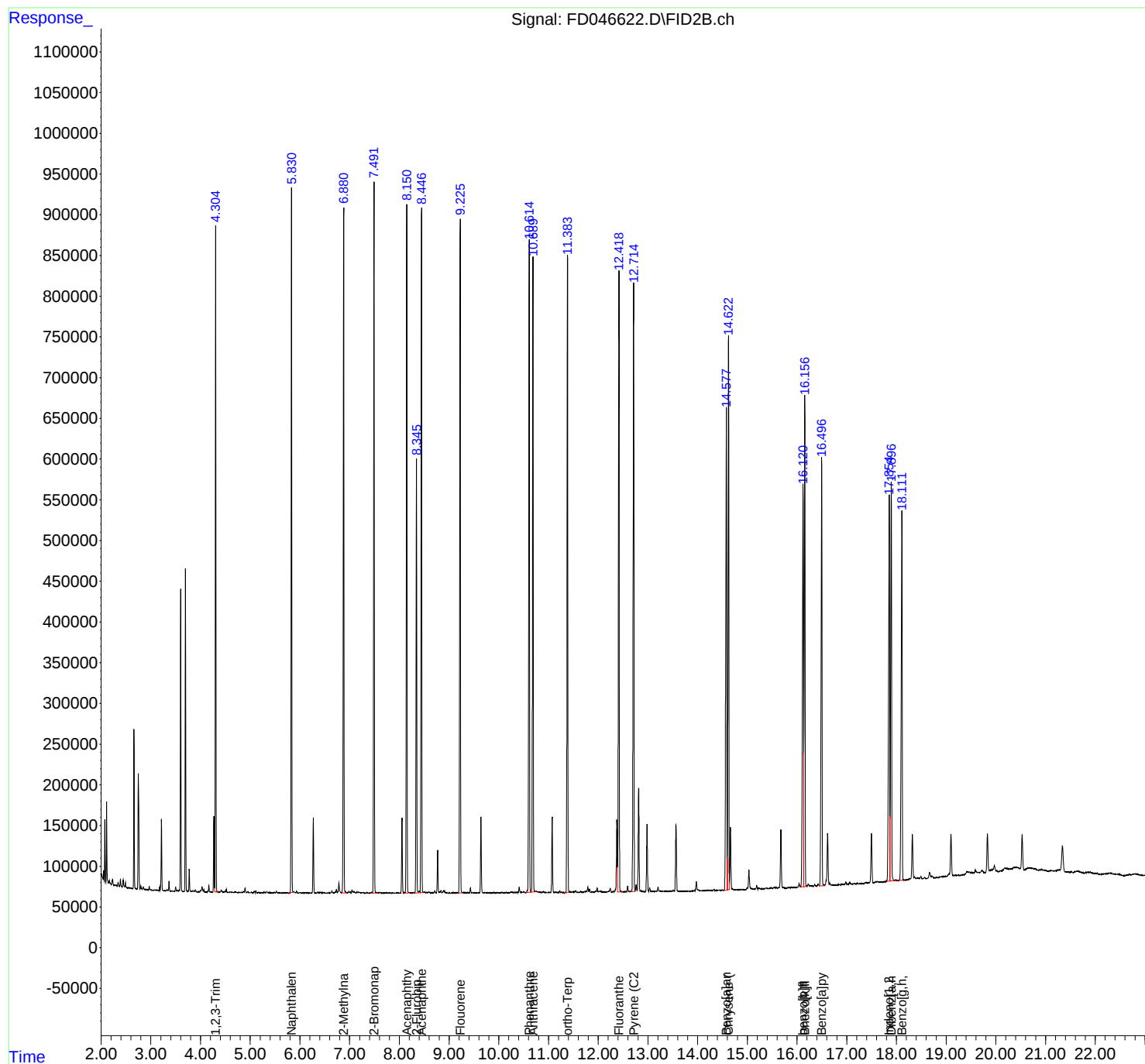
(m)=manual int.

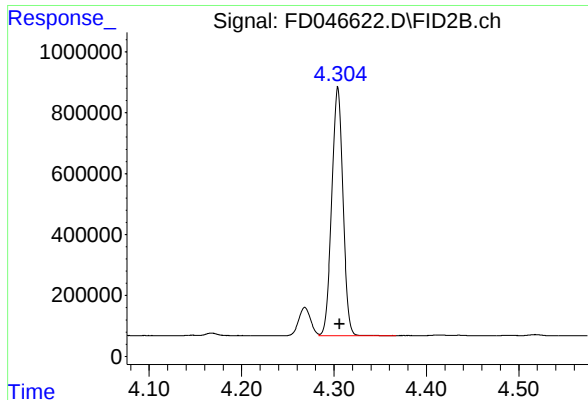
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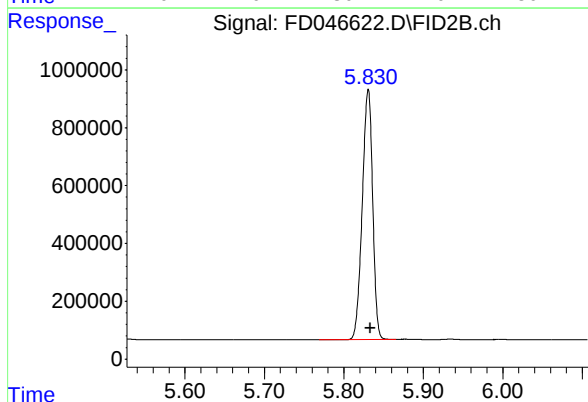




#1 1,2,3-Trimethylbenzene (C10.1)

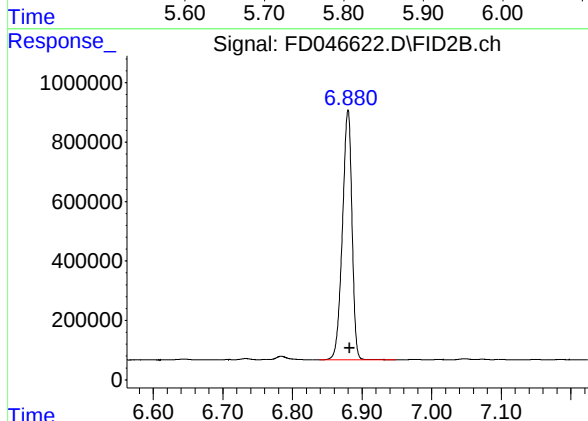
R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 6889037
Conc: 37.30 ug/ml

Instrument :
FID_D
ClientSampleId :
B2-11.5-12.5MSD



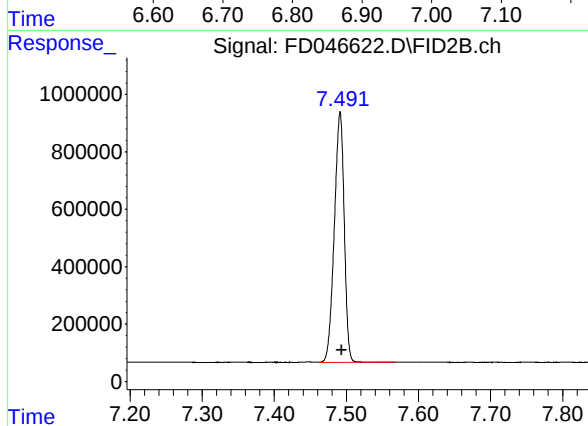
#2 Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 7838381
Conc: 40.56 ug/ml



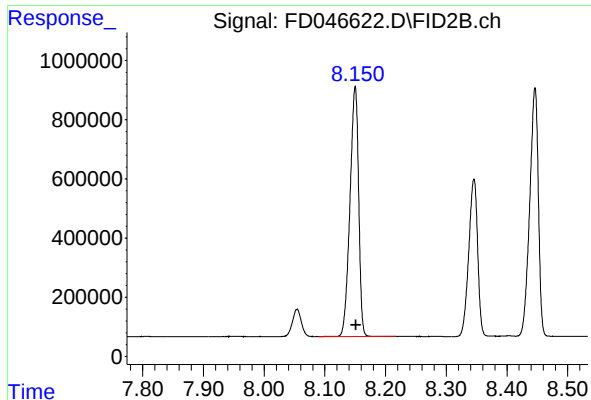
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: -0.003 min
Response: 8054731
Conc: 41.56 ug/ml



#4 2-Bromonaphthalene (SURR)

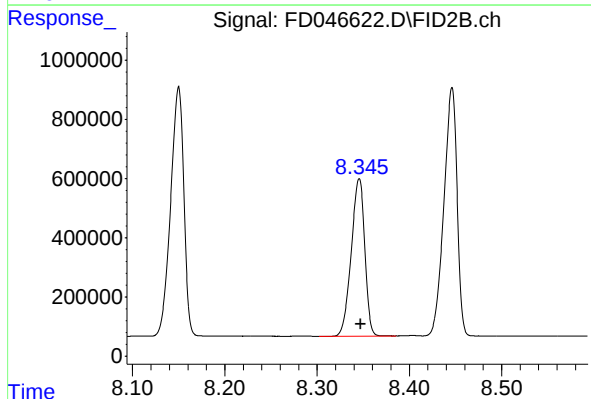
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 8319608
Conc: 47.21 ug/ml



#5 Acenaphthylene (C15.06)

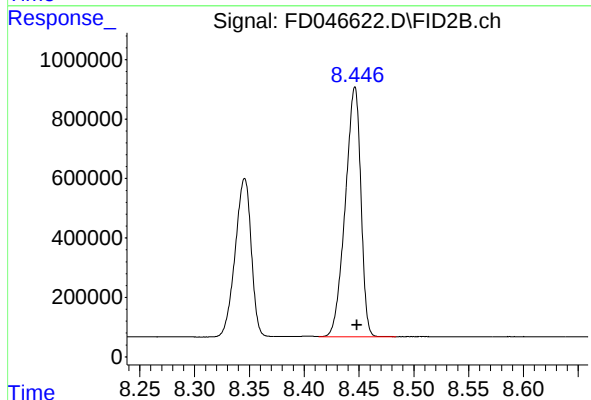
R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 8411432
Conc: 47.70 ug/ml

Instrument :
FID_D
ClientSampleId :
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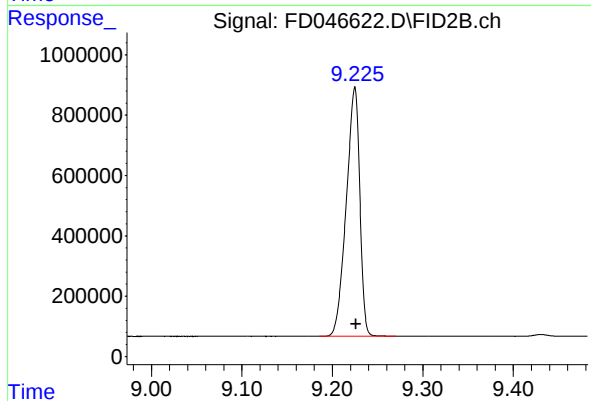
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 5435149
Conc: 46.91 ug/ml



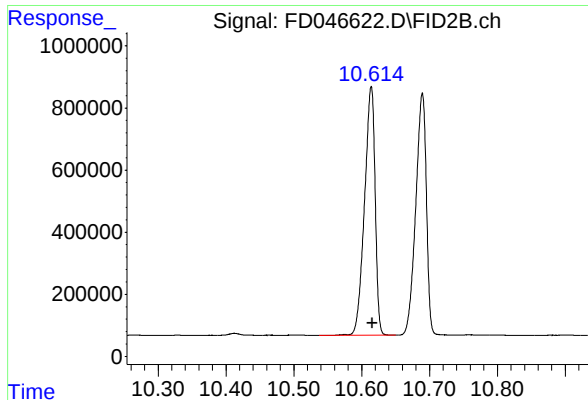
#7 Acenaphthene (C15.5)

R.T.: 8.446 min
Delta R.T.: -0.002 min
Response: 8320285
Conc: 44.28 ug/ml



#8 Flouorene (C16.55)

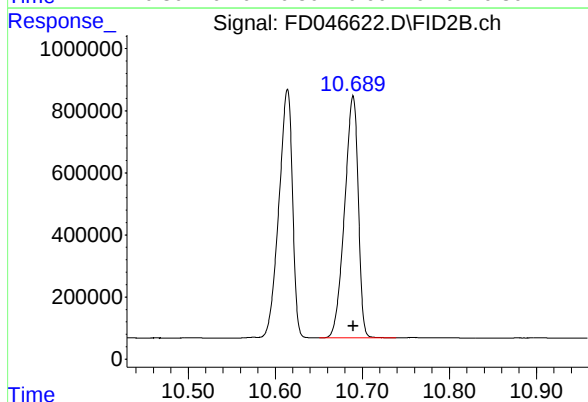
R.T.: 9.224 min
Delta R.T.: -0.002 min
Response: 8589122
Conc: 47.61 ug/ml



#9 Phenanthrene (C19.36)

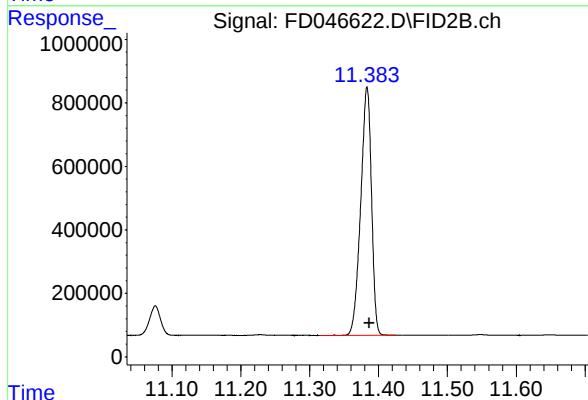
R.T.: 10.614 min
Delta R.T.: -0.002 min
Response: 8727104
Conc: 49.64 ug/ml

Instrument :
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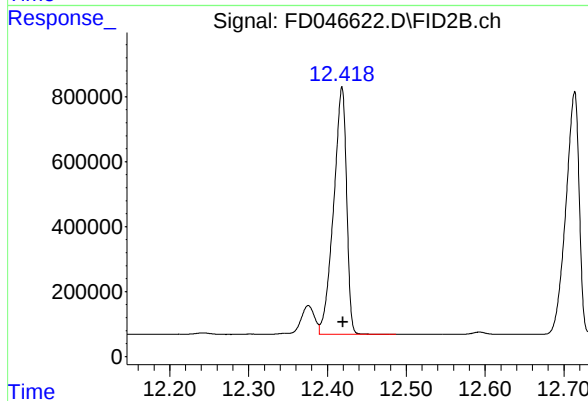
#10 Anthracene (C19.43)

R.T.: 10.689 min
Delta R.T.: 0.000 min
Response: 8495266
Conc: 55.31 ug/ml



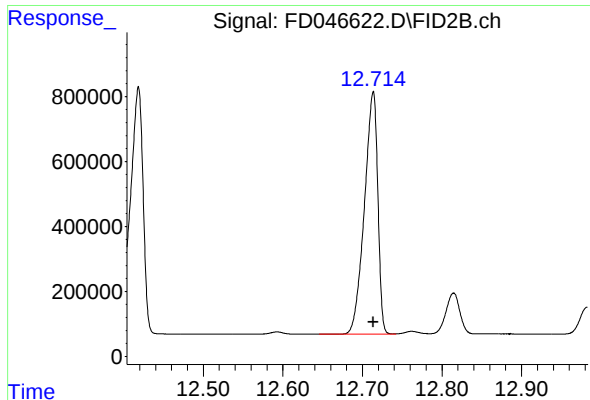
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 8500392
Conc: 41.72 ug/ml



#12 Fluoranthene (C21.85)

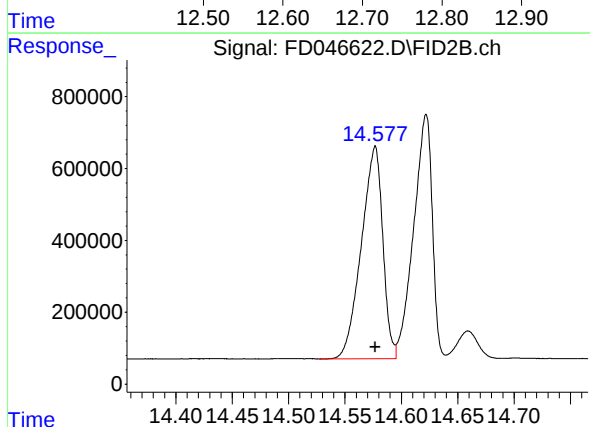
R.T.: 12.418 min
Delta R.T.: -0.002 min
Response: 8722957
Conc: 51.18 ug/ml



#13 Pyrene (C20.8)

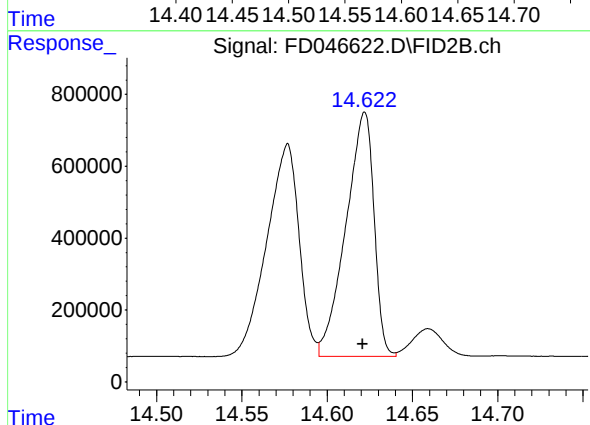
R.T.: 12.713 min
Delta R.T.: 0.000 min
Response: 8710577
Conc: 53.10 ug/ml

Instrument :
FID_D
ClientSampleId :
B2-11.5-12.5MSD



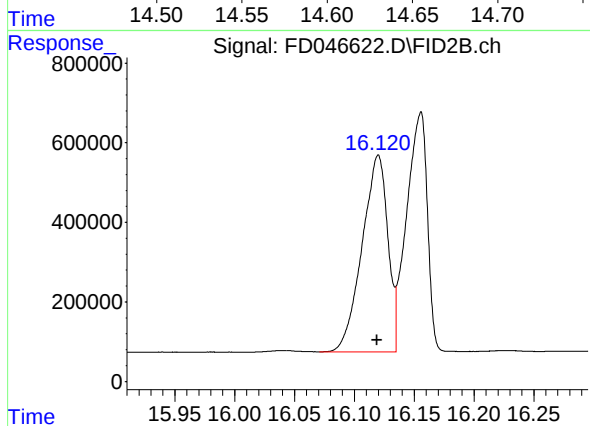
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.576 min
Delta R.T.: 0.000 min
Response: 7808840
Conc: 55.92 ug/ml



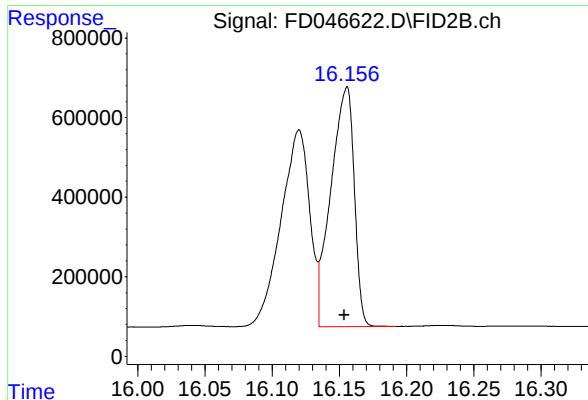
#15 Chrysene (C27.41)

R.T.: 14.621 min
Delta R.T.: 0.000 min
Response: 7805103
Conc: 51.42 ug/ml



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

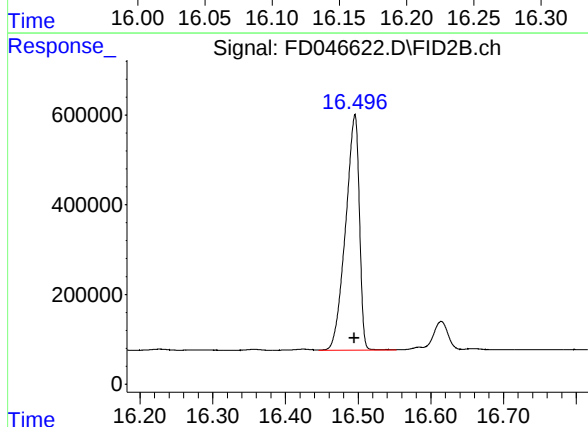
R.T.: 16.120 min
Delta R.T.: 0.000 min
Response: 7377593
Conc: 53.79 ug/ml



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

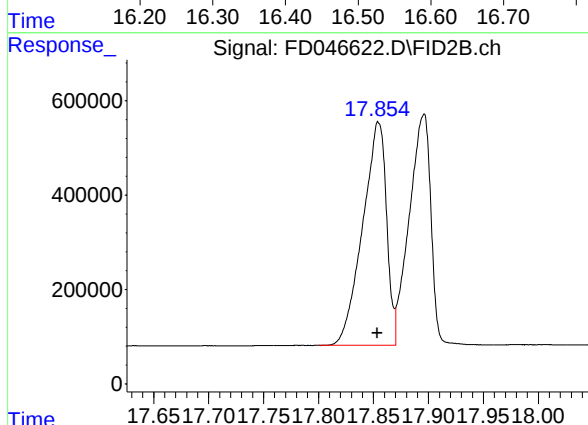
R.T.: 16.155 min
Delta R.T.: 0.000 min
Response: 7277304
Conc: 52.53 ug/ml

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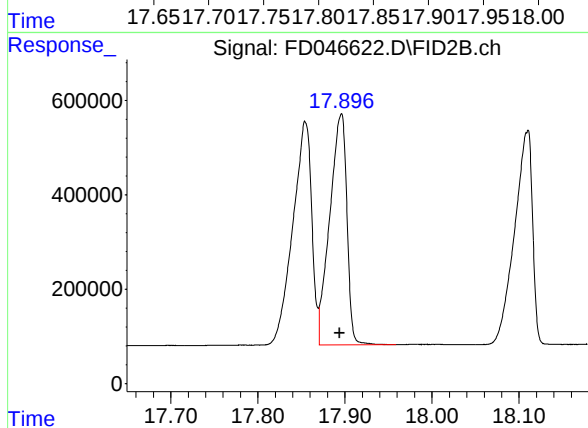
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: 0.000 min
Response: 6936022
Conc: 51.85 ug/ml



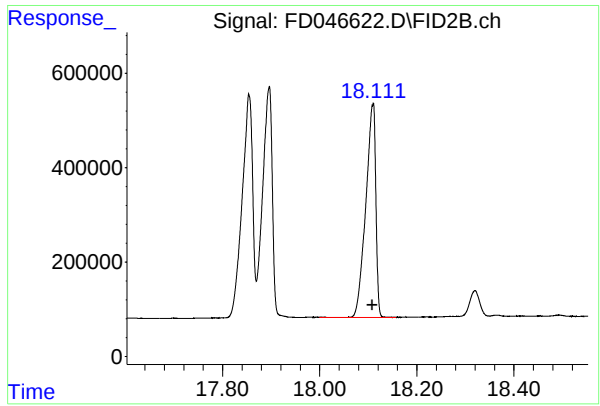
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: 0.001 min
Response: 7154240
Conc: 57.07 ug/ml



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

R.T.: 17.895 min
Delta R.T.: 0.001 min
Response: 6687939
Conc: 50.26 ug/ml



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

R.T.: 18.109 min
Delta R.T.: 0.000 min
Response: 6499315
Conc: 49.28 ug/ml

Instrument :

FID_D

ClientSampleId :

B2-11.5-12.5MSD