

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100423AR\
 Data File : FD046641.D
 Signal(s) : FID2B.ch
 Acq On : 04 Oct 2023 20:35
 Operator : YP/AJ
 Sample : 04695-05MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P001-CS01-01MS

Integration File: autoint1.e
 Quant Time: Oct 05 00:15:59 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

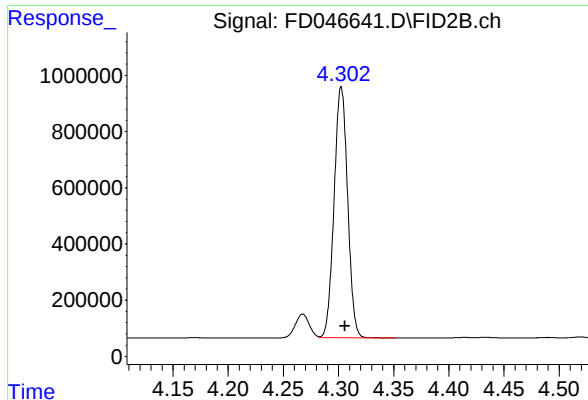
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.490	9104076	51.661 ug/ml
Spiked Amount 50.000		Recovery =	103.32%
6) S 2-Fluorobiphenyl (SURR)	8.345	5920436	51.100 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.20%
11) S ortho-Terphenyl (SURR)	11.382	8114002	39.827 ug/ml
Spiked Amount 50.000		Recovery =	79.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	7632223	41.323 ug/ml
2) T Naphthalene (C11.7)	5.829	8841877	45.757 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	9277540	47.875 ug/ml
5) T Acenaphthylene (C15.06)	8.150	10073967	57.133 ug/ml
7) T Acenaphthene (C15.5)	8.445	9958442	53.000 ug/ml
8) T Fluorene (C16.55)	9.224	10453314	57.948 ug/ml
9) T Phenanthrene (C19.36)	10.615	10813090	61.499 ug/ml
10) T Anthracene (C19.43)	10.691	10657831	69.389 ug/ml
12) T Fluoranthene (C21.85)	12.419	10963519	64.325 ug/ml
13) T Pyrene (C20.8)	12.714	11015401	67.147 ug/ml
14) T Benzo[a]anthracene (C...	14.577	9947519	71.240 ug/ml
15) T Chrysene (C27.41)	14.623	9861679	64.964 ug/ml
16) T benzo[b]fluoranthene ...	16.120	9489478	69.182 ug/ml
17) T Bnezo[k]fluoranthene ...	16.158	9302819	67.157 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.497	8919707	66.675 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	9285534	74.077 ug/ml
20) T Dibenz[a,h]anthracene...	17.897	8259006	62.065 ug/ml
21) T Benzo[g,h,i]perylene ...	18.112	8501927	64.471 ug/ml

(f)=RT Delta > 1/2 Window

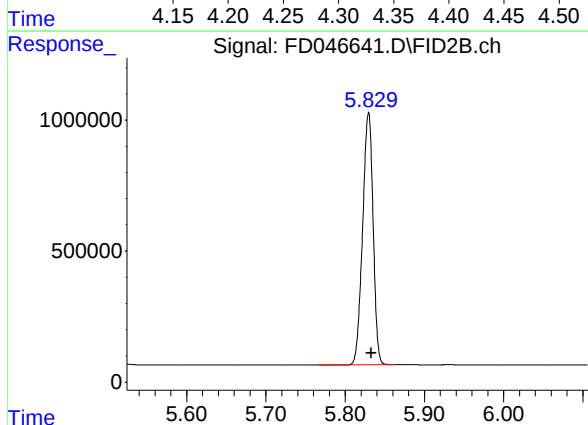
(m)=manual int.



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

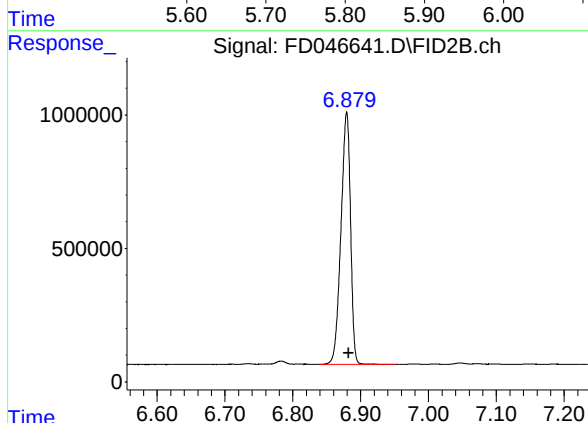
R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 7632223
Conc: 41.32 ug/ml

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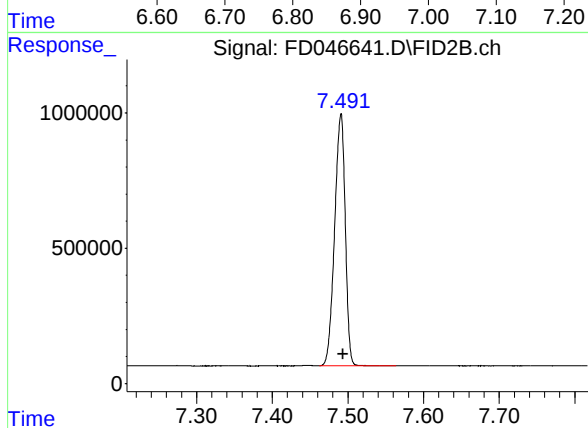
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 8841877
Conc: 45.76 ug/ml



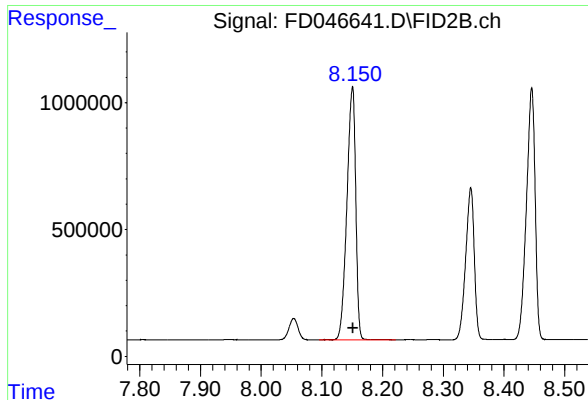
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 9277540
Conc: 47.87 ug/ml



#4 2-Bromonaphthalene (SURR)

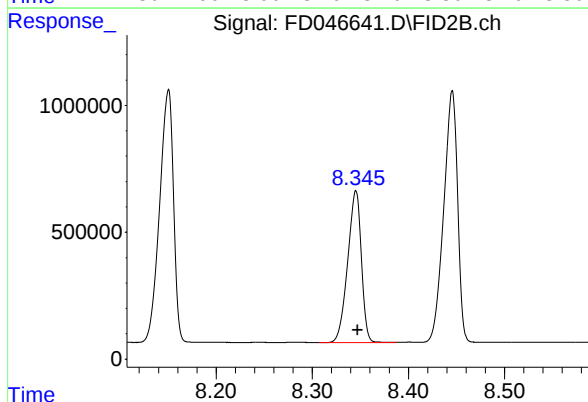
R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 9104076
Conc: 51.66 ug/ml



#5 Acenaphthylene (C15.06)

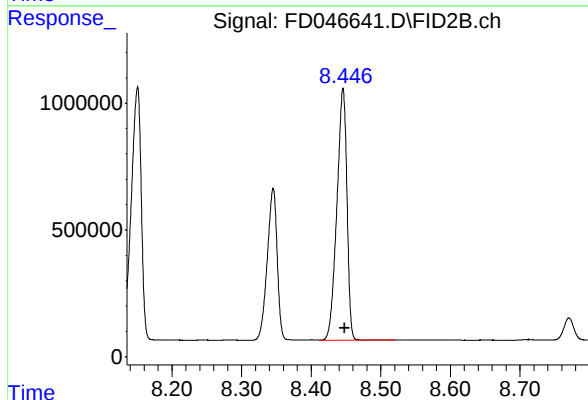
R.T.: 8.150 min
Delta R.T.: -0.001 min
Response: 10073967
Conc: 57.13 ug/ml

Instrument :
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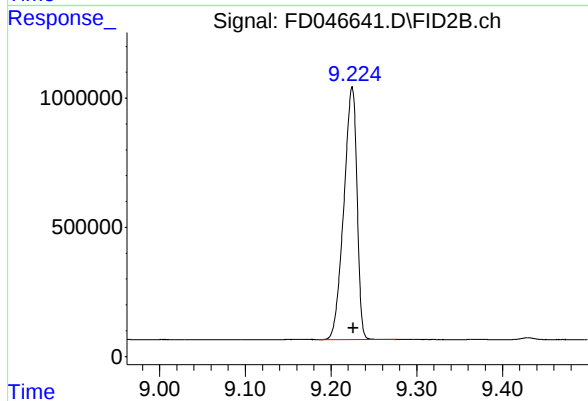
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 5920436
Conc: 51.10 ug/ml



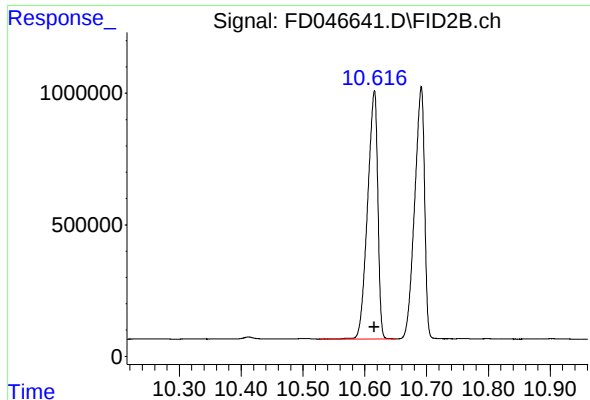
#7 Acenaphthene (C15.5)

R.T.: 8.445 min
Delta R.T.: -0.003 min
Response: 9958442
Conc: 53.00 ug/ml



#8 Flouorene (C16.55)

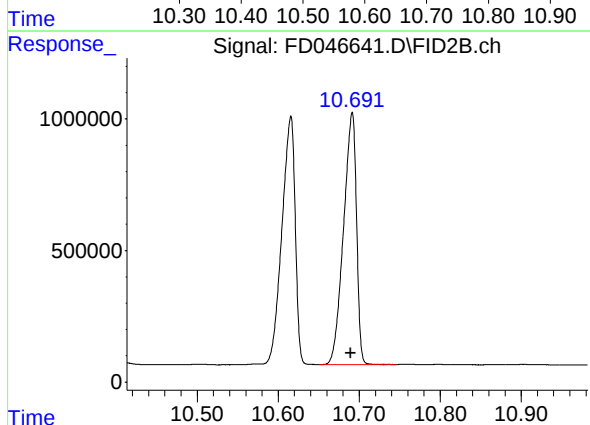
R.T.: 9.224 min
Delta R.T.: -0.002 min
Response: 10453314
Conc: 57.95 ug/ml



#9 Phenanthrene (C19.36)

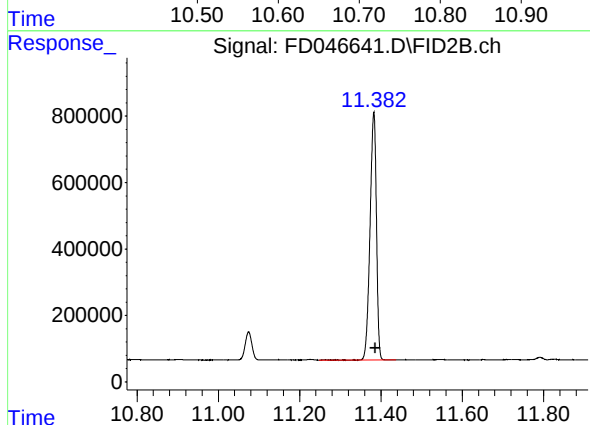
R.T.: 10.615 min
Delta R.T.: 0.000 min
Response: 10813090
Conc: 61.50 ug/ml

Instrument :
FID_D
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P001-CS01-01MS



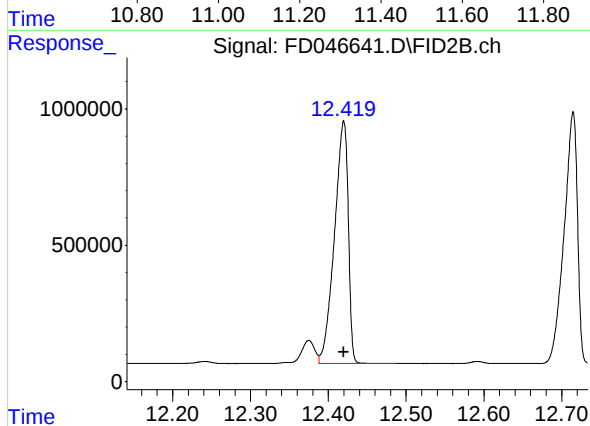
#10 Anthracene (C19.43)

R.T.: 10.691 min
Delta R.T.: 0.001 min
Response: 10657831
Conc: 69.39 ug/ml



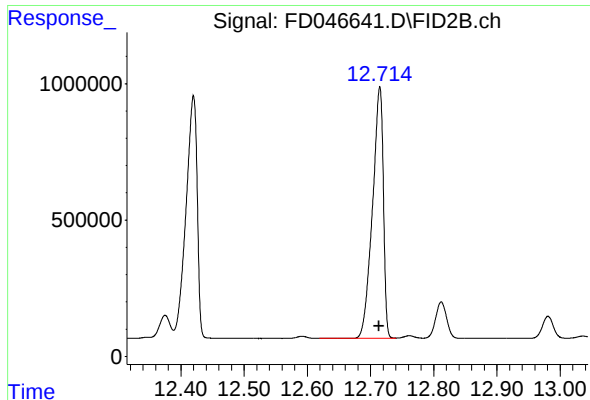
#11 ortho-Terphenyl (SURRE)

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 8114002
Conc: 39.83 ug/ml



#12 Fluoranthene (C21.85)

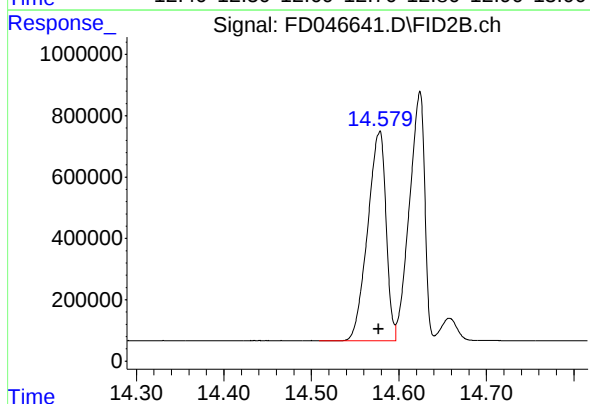
R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 10963519
Conc: 64.32 ug/ml



#13 Pyrene (C20.8)

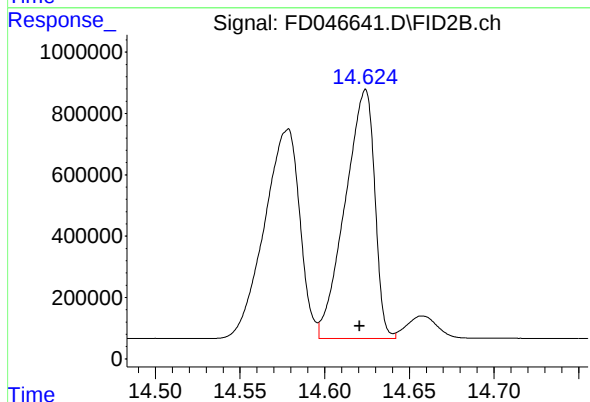
R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 11015401
Conc: 67.15 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CS01-01MS



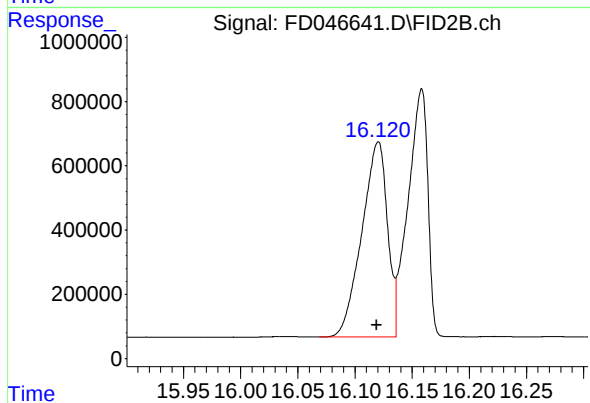
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 9947519
Conc: 71.24 ug/ml



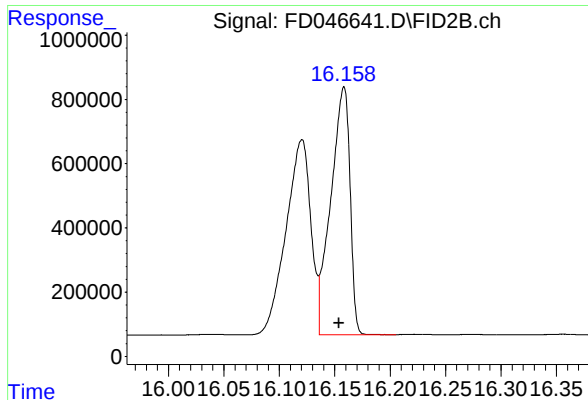
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: 0.003 min
Response: 9861679
Conc: 64.96 ug/ml



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

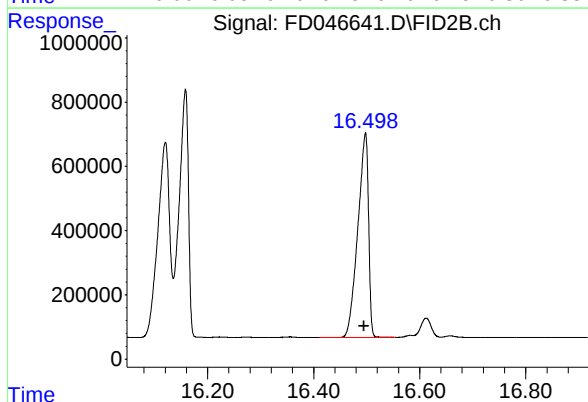
R.T.: 16.120 min
Delta R.T.: 0.001 min
Response: 9489478
Conc: 69.18 ug/ml



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

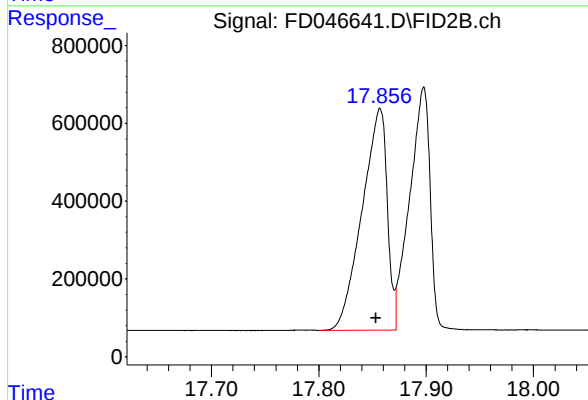
R.T.: 16.158 min
Delta R.T.: 0.004 min
Response: 9302819
Conc: 67.16 ug/ml

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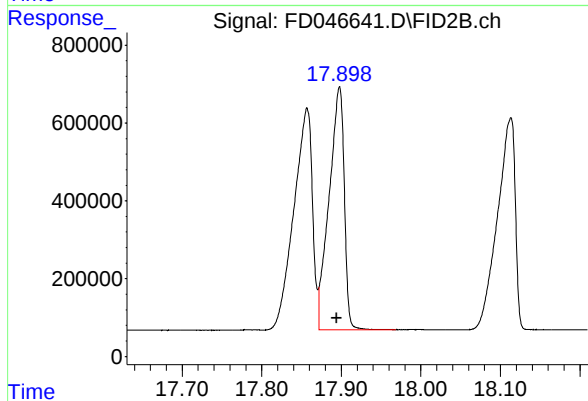
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min
Delta R.T.: 0.002 min
Response: 8919707
Conc: 66.67 ug/ml



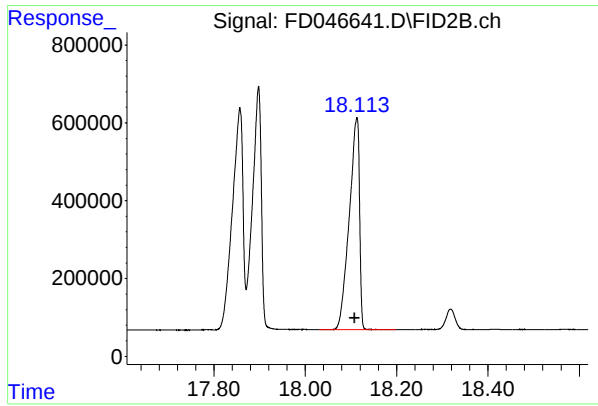
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: 0.003 min
Response: 9285534
Conc: 74.08 ug/ml



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

R.T.: 17.897 min
Delta R.T.: 0.003 min
Response: 8259006
Conc: 62.07 ug/ml



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

R.T.: 18.112 min
Delta R.T.: 0.004 min
Response: 8501927
Conc: 64.47 ug/ml

Instrument :
FID_D
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P001-CS01-01MS