

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045338.D
 Signal(s) : FID2B.ch
 Acq On : 24 Mar 2023 21:09
 Operator : YP/AJ
 Sample : 02012-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-23-SB01MSD

Integration File: autoint1.e
 Quant Time: Mar 25 02:29:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 2023
 Response via : Initial Calibration
 Integrator: ChemStation

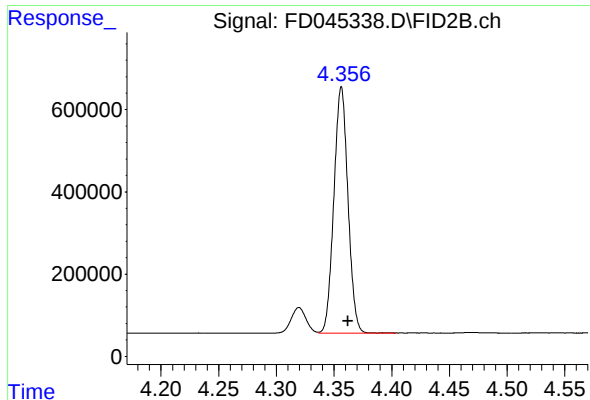
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.549	5945702	43.813 ug/ml
Spiked Amount 50.000		Recovery =	87.63%
6) S 2-Fluorobiphenyl (SURR)	8.405	3353301	37.453 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.91%
11) S ortho-Terphenyl (SURR)	11.446	5964442	35.832 ug/ml
Spiked Amount 50.000		Recovery =	71.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	5082424	33.558 ug/ml
2) T Naphthalene (C11.7)	5.888	5769273	36.520 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	5808373	36.550 ug/ml
5) T Acenaphthylene (C15.06)	8.210	6298938	43.929 ug/ml
7) T Acenaphthene (C15.5)	8.506	6381547	42.103 ug/ml
8) T Fluorene (C16.55)	9.284	6517100	44.265 ug/ml
9) T Phenanthrene (C19.36)	10.676	6733577	47.162 ug/ml
10) T Anthracene (C19.43)	10.751	6495917	46.357 ug/ml
12) T Fluoranthene (C21.85)	12.483	6930965	49.617 ug/ml
13) T Pyrene (C20.8)	12.778	6770639	49.719 ug/ml
14) T Benzo[a]anthracene (C...	14.643	6268366	49.174 ug/ml
15) T Chrysene (C27.41)	14.686	6239401	47.874 ug/ml
16) T benzo[b]fluoranthene ...	16.186	6239419	48.398 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	5929634	46.974 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.563	5535954	43.985 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.923	5893386	49.264 ug/ml
20) T Dibenz[a,h]anthracene...	17.963	5597492	46.405 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	5813258	46.721 ug/ml

(f)=RT Delta > 1/2 Window

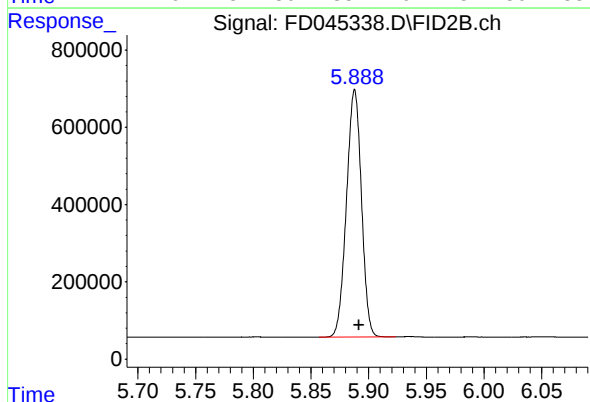
(m)=manual int.



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

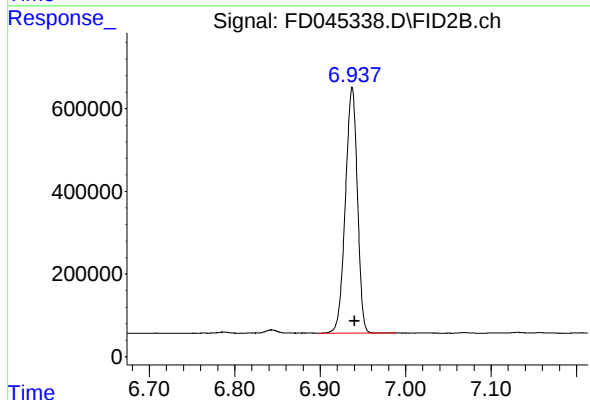
R.T.: 4.356 min
Delta R.T.: -0.006 min
Response: 5082424
Conc: 33.56 ug/ml

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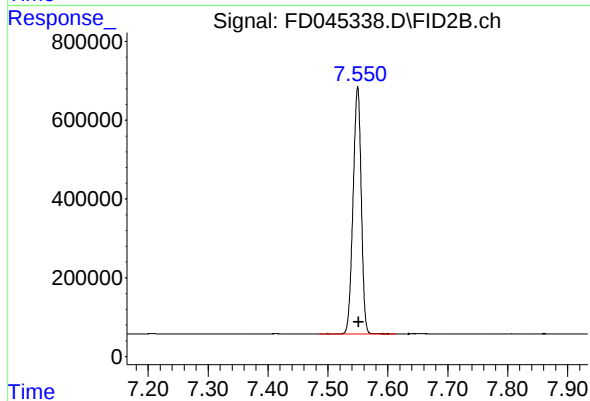
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 5769273
Conc: 36.52 ug/ml



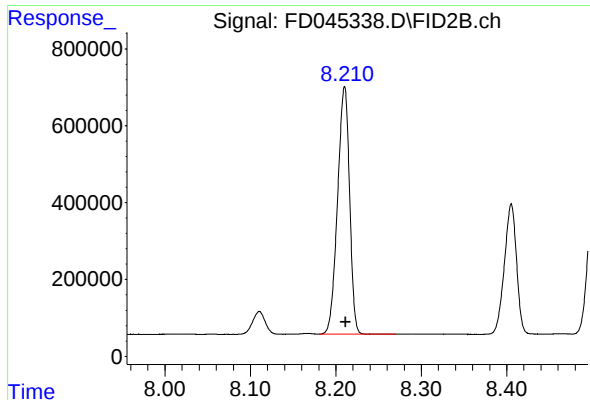
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 5808373
Conc: 36.55 ug/ml



#4 2-Bromonaphthalene (SURR)

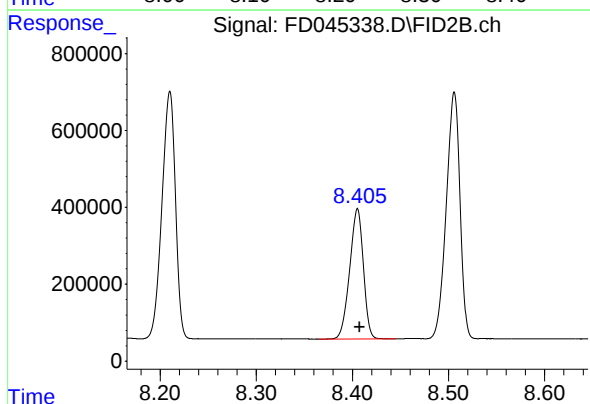
R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 5945702
Conc: 43.81 ug/ml



#5 Acenaphthylene (C15.06)

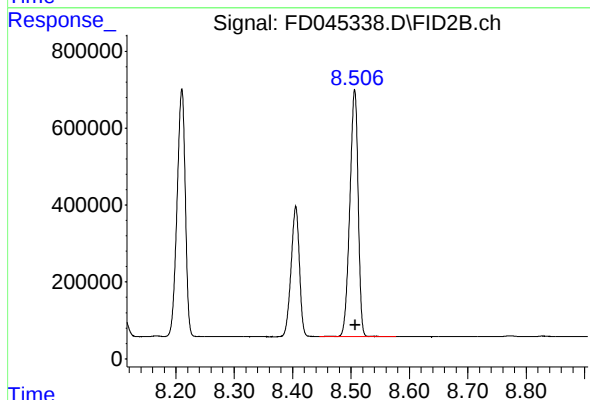
R.T.: 8.210 min
Delta R.T.: -0.002 min
Response: 6298938
Conc: 43.93 ug/ml

Instrument :
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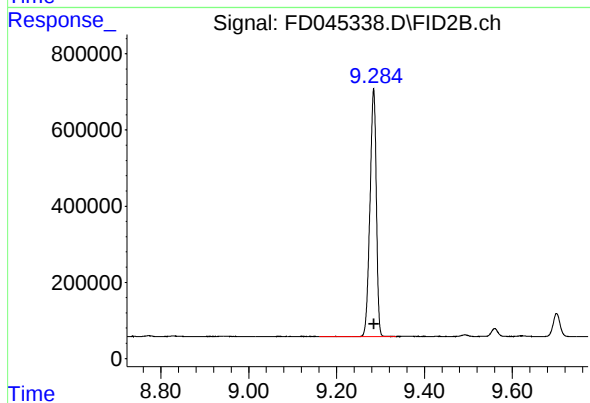
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: -0.002 min
Response: 3353301
Conc: 37.45 ug/ml



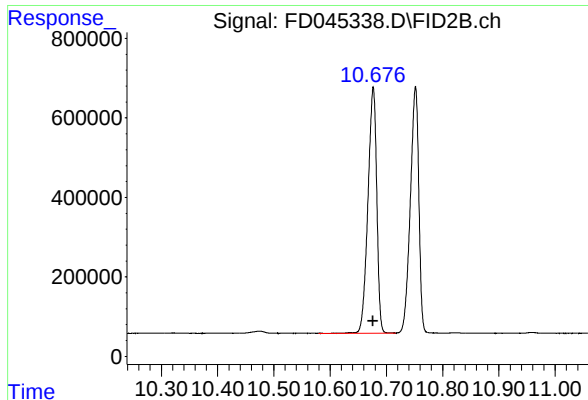
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: -0.001 min
Response: 6381547
Conc: 42.10 ug/ml



#8 Flouorene (C16.55)

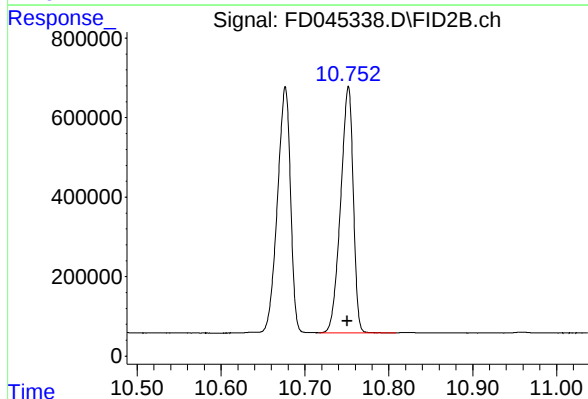
R.T.: 9.284 min
Delta R.T.: -0.001 min
Response: 6517100
Conc: 44.26 ug/ml



#9 Phenanthrene (C19.36)

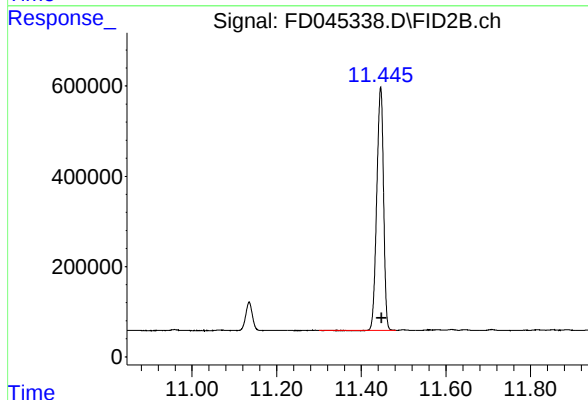
R.T.: 10.676 min
Delta R.T.: 0.000 min
Response: 6733577
Conc: 47.16 ug/ml

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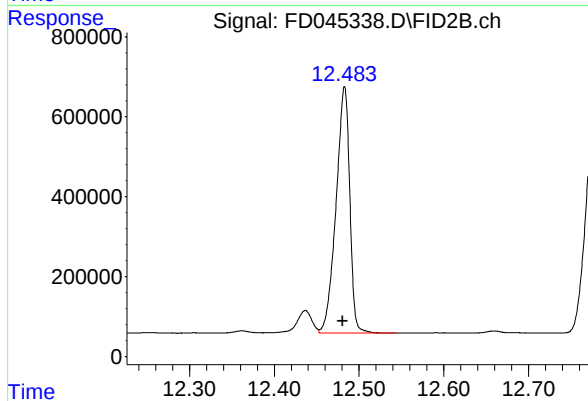
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.001 min
Response: 6495917
Conc: 46.36 ug/ml



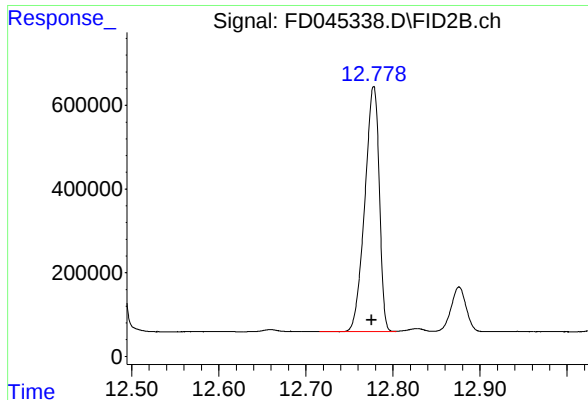
#11 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: -0.002 min
Response: 5964442
Conc: 35.83 ug/ml



#12 Fluoranthene (C21.85)

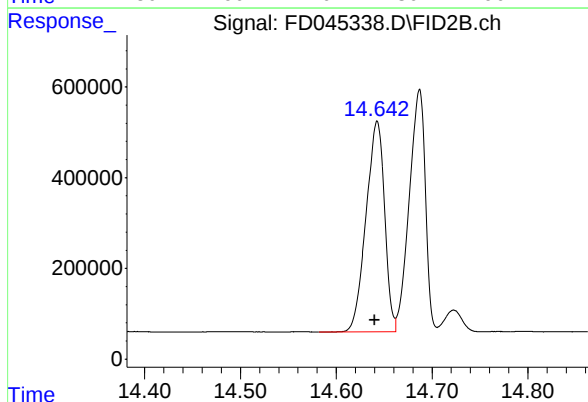
R.T.: 12.483 min
Delta R.T.: 0.002 min
Response: 6930965
Conc: 49.62 ug/ml



#13 Pyrene (C20.8)

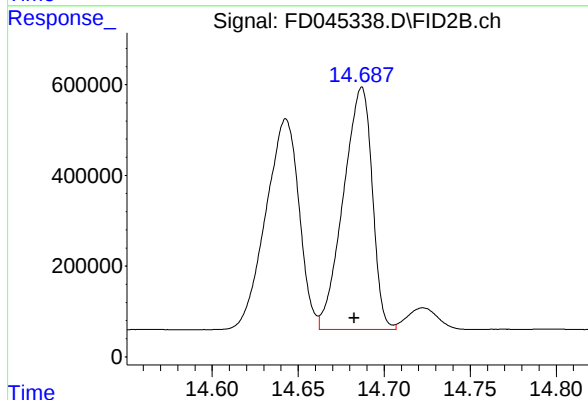
R.T.: 12.778 min
Delta R.T.: 0.002 min
Response: 6770639
Conc: 49.72 ug/ml

Instrument :
FID_D
ClientSampleId :
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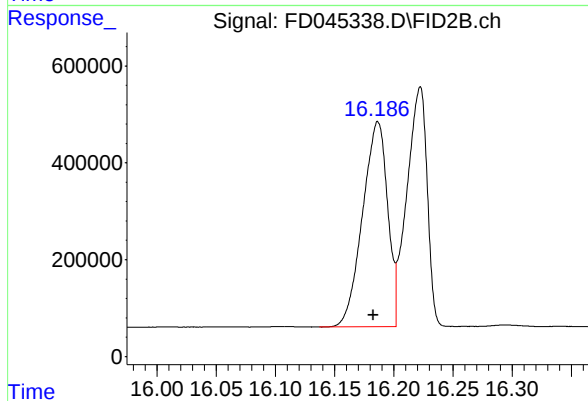
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: 0.003 min
Response: 6268366
Conc: 49.17 ug/ml



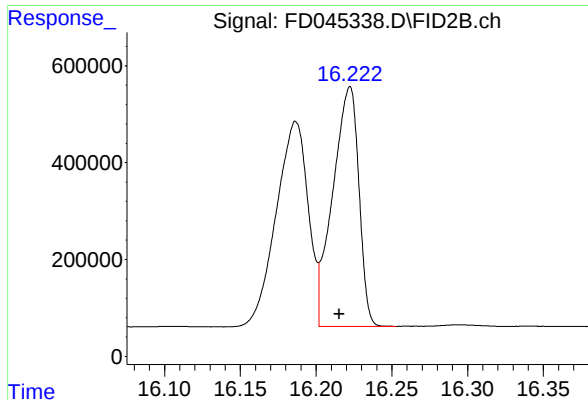
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: 0.004 min
Response: 6239401
Conc: 47.87 ug/ml



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

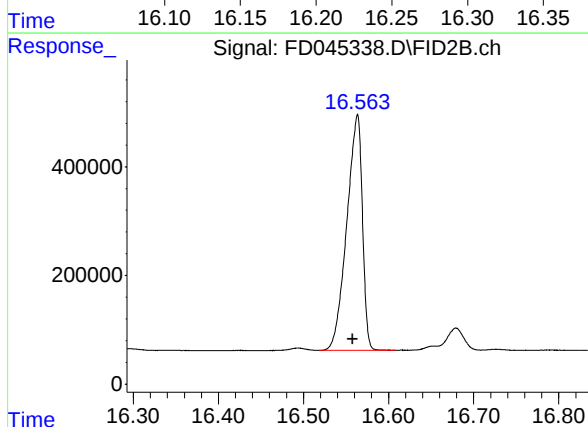
R.T.: 16.186 min
Delta R.T.: 0.004 min
Response: 6239419
Conc: 48.40 ug/ml



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

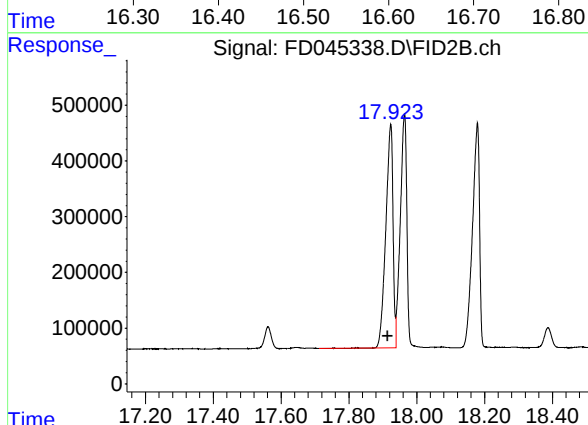
R.T.: 16.222 min
Delta R.T.: 0.006 min
Response: 5929634
Conc: 46.97 ug/ml

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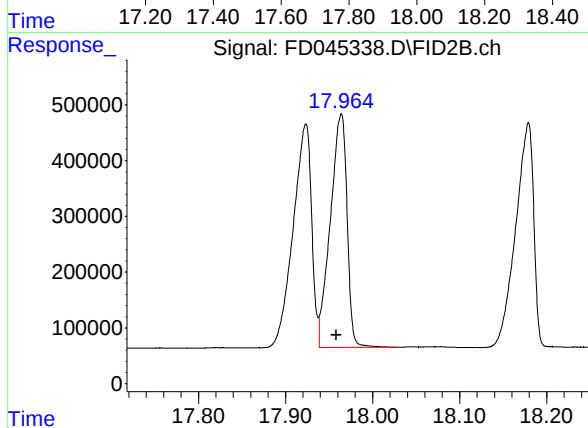
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.563 min
Delta R.T.: 0.005 min
Response: 5535954
Conc: 43.99 ug/ml



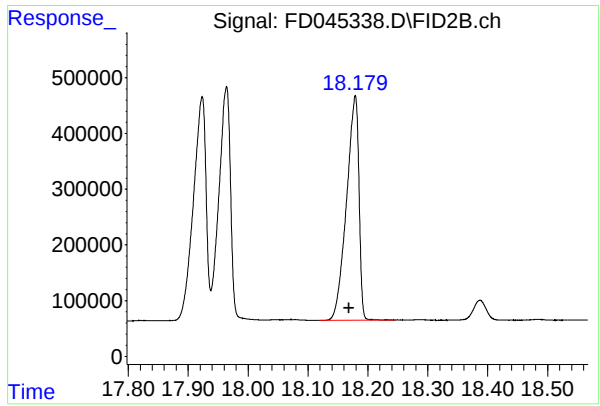
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.923 min
Delta R.T.: 0.008 min
Response: 5893386
Conc: 49.26 ug/ml



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

R.T.: 17.963 min
Delta R.T.: 0.005 min
Response: 5597492
Conc: 46.41 ug/ml



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

R.T.: 18.178 min
Delta R.T.: 0.010 min
Response: 5813258
Conc: 46.72 ug/ml

Instrument :
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