

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110824AR\
 Data File : FD048675.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 17:32
 Operator : YP/AJ
 Sample : PB164790BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164790BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/11/2024

Supervised By :Ankita Jodhani 11/11/2024

Integration File: sample.E
 Quant Time: Nov 09 01:07:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 Response via : Initial Calibration
 Integrator: ChemStation

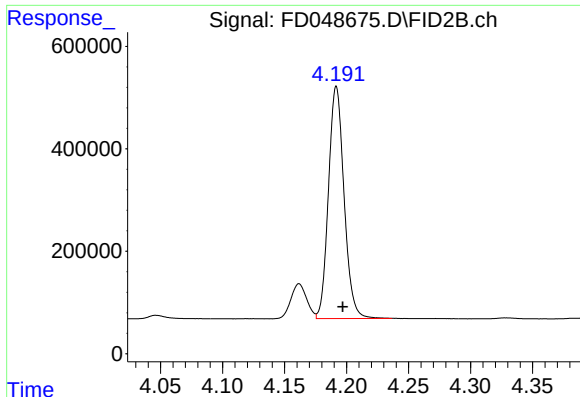
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.369	6877746	45.314 ug/ml
Spiked Amount 50.000		Recovery =	90.63%
6) S 2-Fluorobiphenyl (SURR)	8.219	3464981	35.288 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.58%
11) S ortho-Terphenyl (SURR)	11.255	6405825	37.606 ug/ml
Spiked Amount 50.000		Recovery =	75.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.191	3959594	22.760 ug/mlm
2) T Naphthalene (C11.7)	5.709	4792890	26.861 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	4740853	26.505 ug/ml
5) T Acenaphthylene (C15.06)	8.021	5623965	32.029 ug/ml
7) T Acenaphthene (C15.5)	8.316	5809960	32.757 ug/ml
8) T Flouorene (C16.55)	9.094	5934035	35.105 ug/ml
9) T Phenanthrene (C19.36)	10.482	6081312	36.788 ug/ml
10) T Anthracene (C19.43)	10.558	6151321	38.467 ug/ml
12) T Fluoranthene (C21.85)	12.287	6271492	38.107 ug/mlm
13) T Pyrene (C20.8)	12.580	6238203	38.728 ug/ml
14) T Benzo[a]anthracene (C...	14.450	5902174	40.366 ug/ml
15) T Chrysene (C27.41)	14.491	5958969	36.226 ug/ml
16) T benzo[b]fluoranthene ...	15.998	6007655	39.516 ug/ml
17) T Bnezo[k]fluoranthene ...	16.031	5996900	39.899 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	5791779	38.485 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	5692040	43.624 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	5872433	36.086 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	5798055	37.873 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



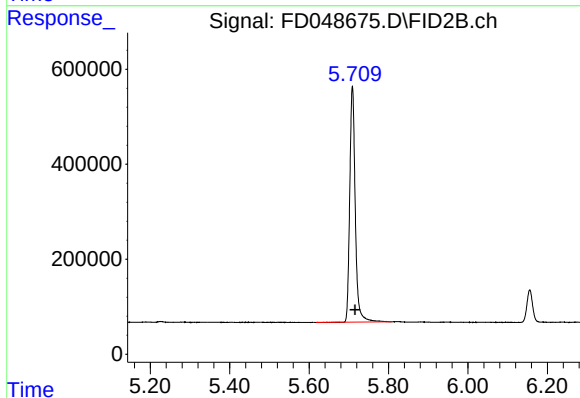
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.191 min
Delta R.T.: -0.006 min
Response: 3959594
Conc: 22.76 ug/ml

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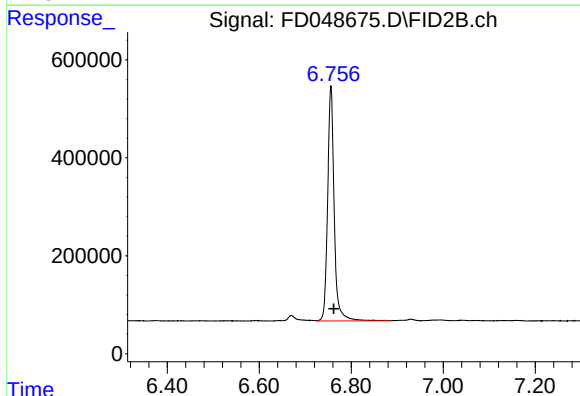
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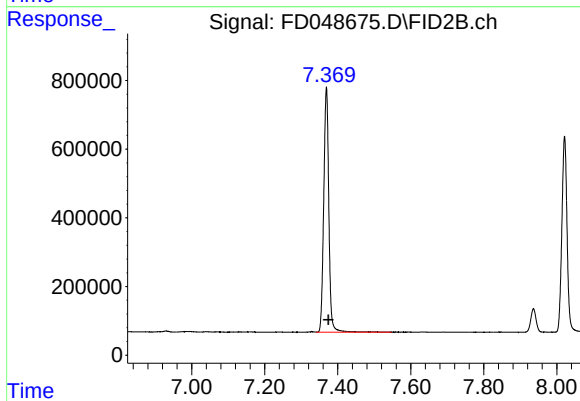
#2 Naphthalene (C11.7)

R.T.: 5.709 min
Delta R.T.: -0.007 min
Response: 4792890
Conc: 26.86 ug/ml



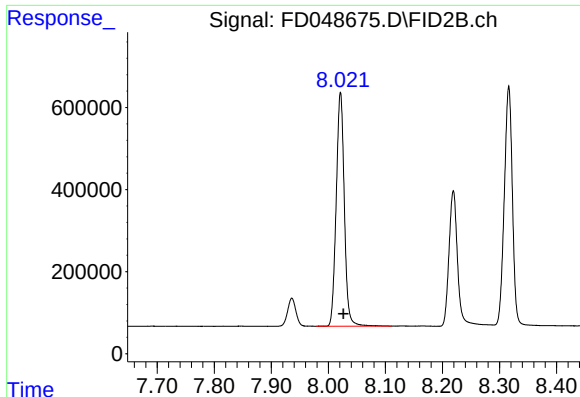
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.756 min
Delta R.T.: -0.006 min
Response: 4740853
Conc: 26.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.369 min
Delta R.T.: -0.006 min
Response: 6877746
Conc: 45.31 ug/ml



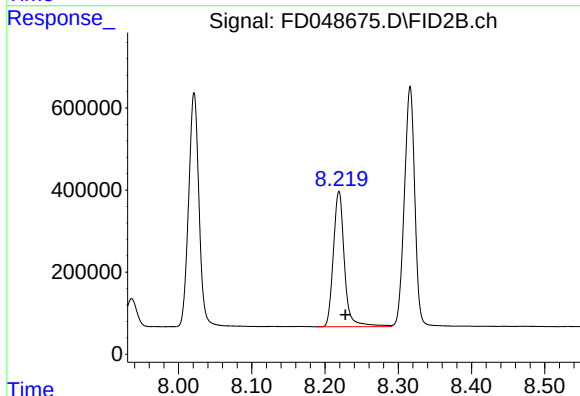
#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 5623965
Conc: 32.03 ug/ml

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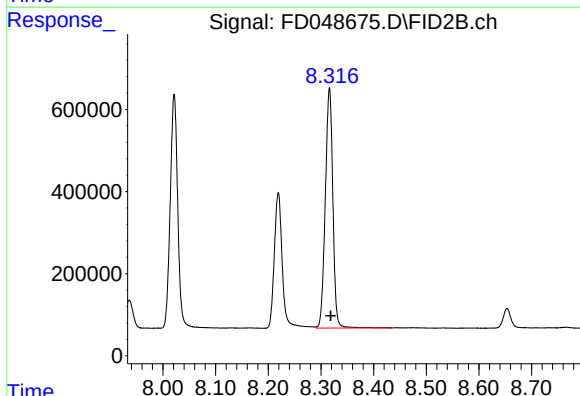
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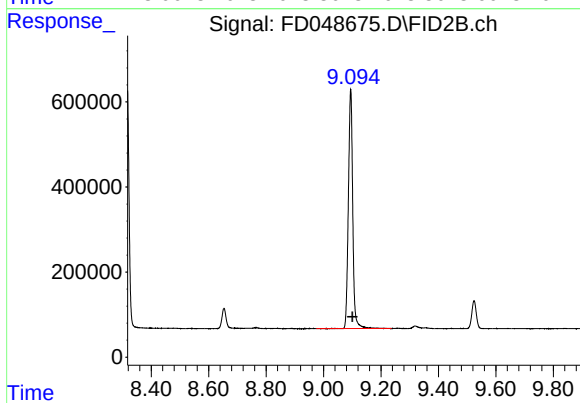
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.219 min
Delta R.T.: -0.009 min
Response: 3464981
Conc: 35.29 ug/ml



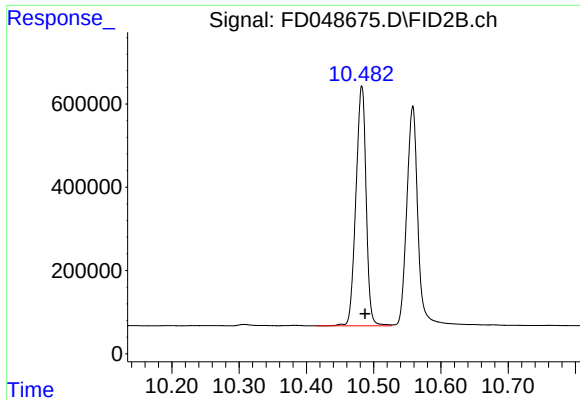
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: -0.002 min
Response: 5809960
Conc: 32.76 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.094 min
Delta R.T.: -0.006 min
Response: 5934035
Conc: 35.11 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.482 min
Delta R.T.: -0.005 min
Response: 6081312
Conc: 36.79 ug/ml

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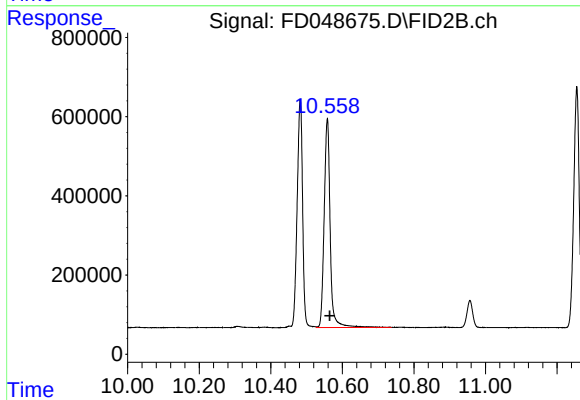
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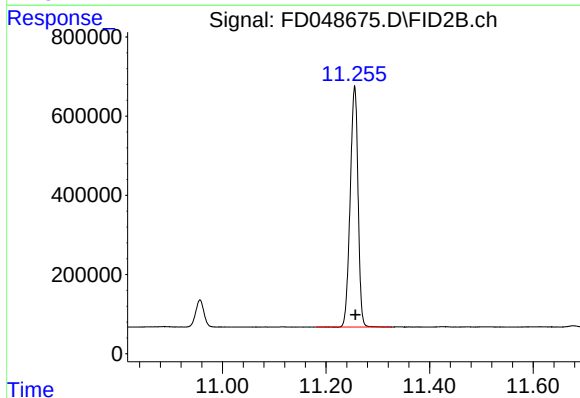
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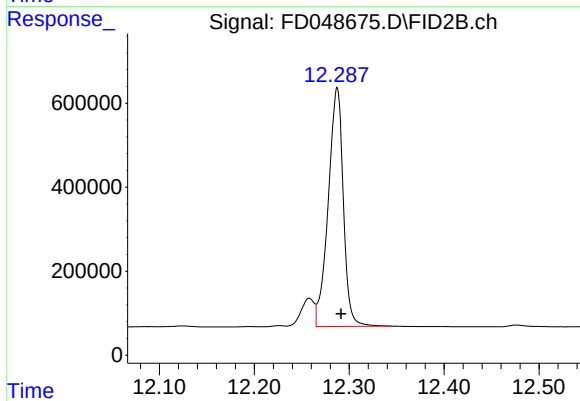
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: -0.007 min
Response: 6151321
Conc: 38.47 ug/ml



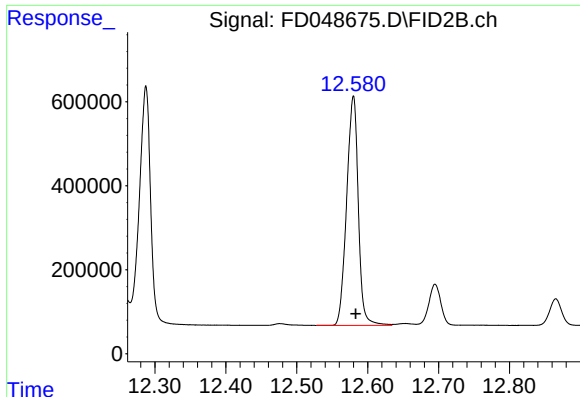
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: -0.002 min
Response: 6405825
Conc: 37.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.287 min
Delta R.T.: -0.005 min
Response: 6271492
Conc: 38.11 ug/ml m



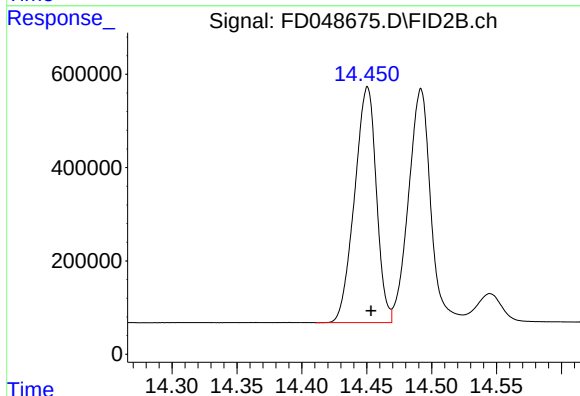
#13 Pyrene (C20.8)

R.T.: 12.580 min
Delta R.T.: -0.004 min
Response: 6238203
Conc: 38.73 ug/ml

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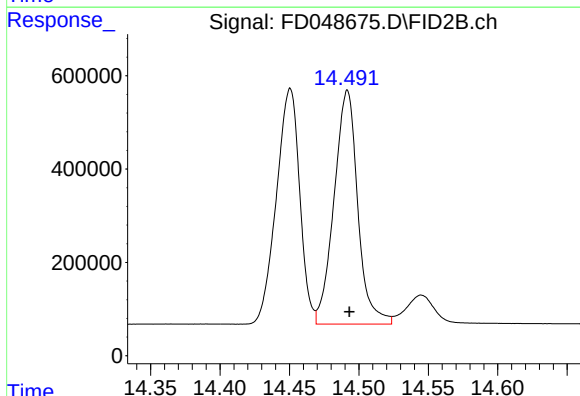
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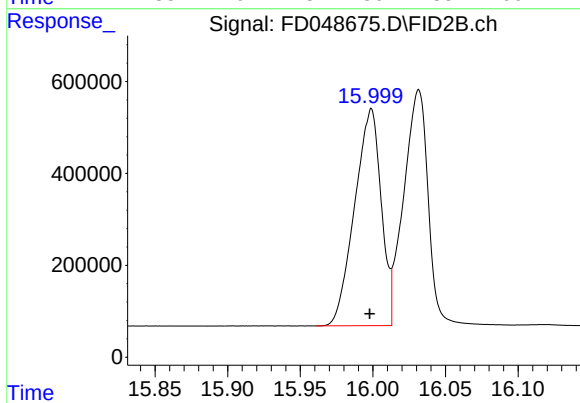
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: -0.003 min
Response: 5902174
Conc: 40.37 ug/ml



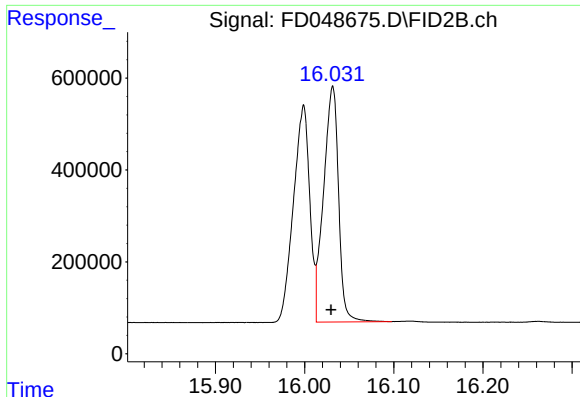
#15 Chrysene (C27.41)

R.T.: 14.491 min
Delta R.T.: -0.002 min
Response: 5958969
Conc: 36.23 ug/ml



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

R.T.: 15.998 min
Delta R.T.: 0.000 min
Response: 6007655
Conc: 39.52 ug/ml



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

R.T.: 16.031 min
Delta R.T.: 0.001 min
Response: 5996900
Conc: 39.90 ug/ml

Instrument :

FID_D

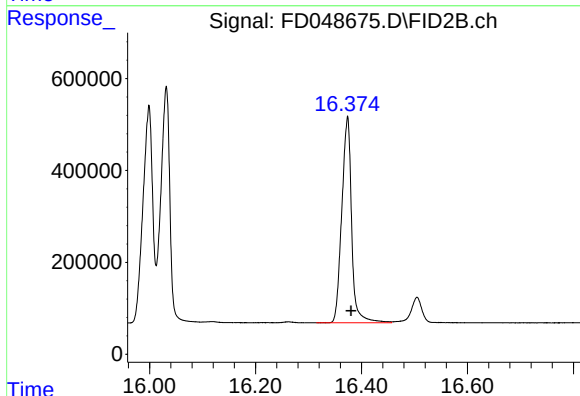
ClientSampleId :

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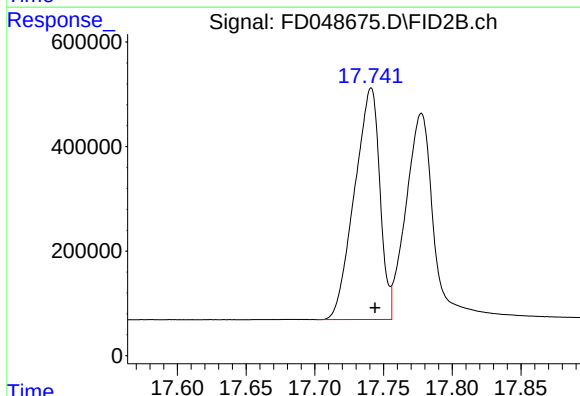
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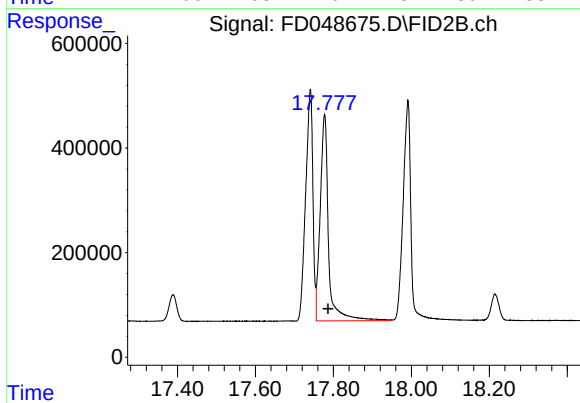
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: -0.007 min
Response: 5791779
Conc: 38.48 ug/ml



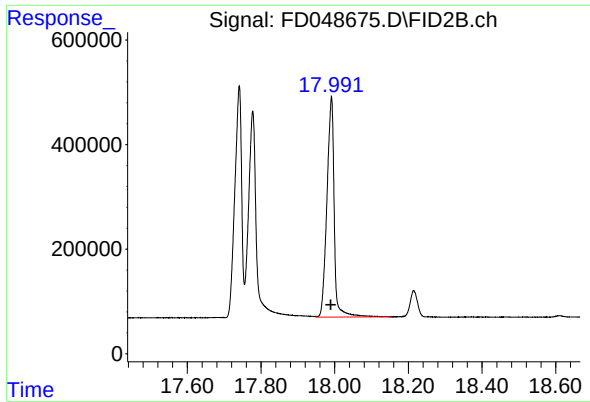
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min
Delta R.T.: -0.003 min
Response: 5692040
Conc: 43.62 ug/ml



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

R.T.: 17.777 min
Delta R.T.: -0.009 min
Response: 5872433
Conc: 36.09 ug/ml



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

R.T.: 17.990 min
Delta R.T.: 0.000 min
Response: 5798055
Conc: 37.87 ug/ml

Instrument :

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