

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122822AR\
 Data File : FD044737.D
 Signal(s) : FID2B.ch
 Acq On : 28 Dec 2022 20:30
 Operator : YP/AJ
 Sample : N6196-06MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EPH-3049MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2022
 Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e
 Quant Time: Dec 29 05:16:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

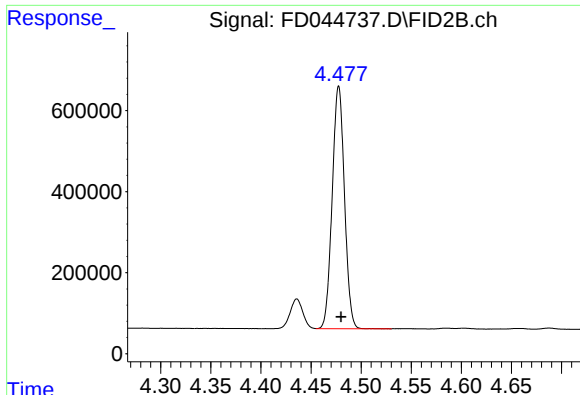
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.661	6716780	46.578 ug/ml
Spiked Amount 50.000		Recovery =	93.16%
6) S 2-Fluorobiphenyl (SURR)	8.519	4380370	45.125 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.25%
11) S ortho-Terphenyl (SURR)	11.547	6129473	34.021 ug/ml
Spiked Amount 50.000		Recovery =	68.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.478	5100442	31.700 ug/ml
2) T Naphthalene (C11.7)	6.007	5724171	34.105 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	5773030	34.335 ug/ml
5) T Acenaphthylene (C15.06)	8.323	6239346	41.137 ug/ml
7) T Acenaphthene (C15.5)	8.618	6291966	38.813 ug/ml
8) T Flouorene (C16.55)	9.395	6420000	40.282 ug/ml
9) T Phenanthrene (C19.36)	10.783	6385863	40.691 ug/ml
10) T Anthracene (C19.43)	10.858	6261540	49.794 ug/ml
12) T Fluoranthene (C21.85)	12.584	6327045	40.291 ug/ml
13) T Pyrene (C20.8)	12.880	6234474	40.726 ug/ml
14) T Benzo[a]anthracene (C...	14.740	6034472	42.440 ug/ml
15) T Chrysene (C27.41)	14.783	6105103	40.261 ug/mlm
16) T benzo[b]fluoranthene ...	16.280	6071475	40.370 ug/ml
17) T Bnezo[k]fluoranthene ...	16.314	5695712	37.595 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.655	5385266	37.118 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.013	5699844	40.306 ug/ml
20) T Dibenz[a,h]anthracene...	18.053	5704472	38.915 ug/ml
21) T Benzo[g,h,i]perylene ...	18.267	5511407	38.797 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 5100442
Conc: 31.70 ug/ml

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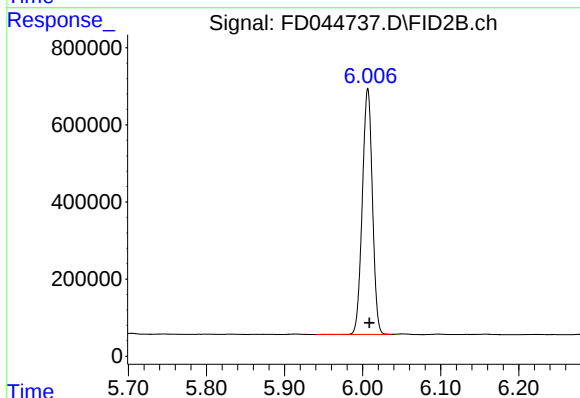
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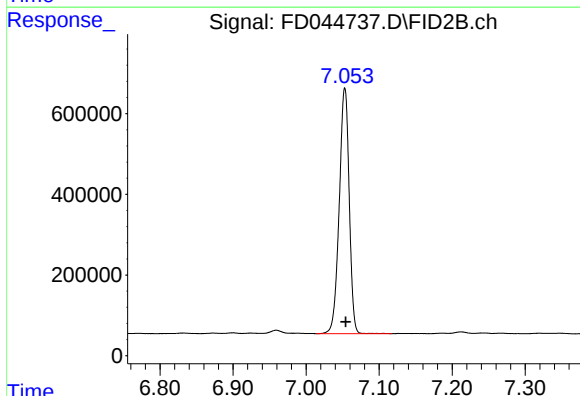
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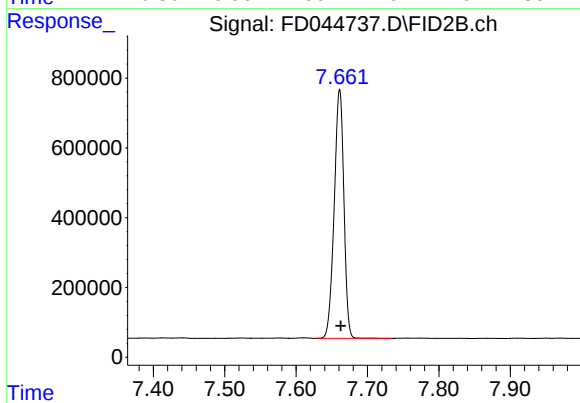
#2 Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 5724171
Conc: 34.10 ug/ml



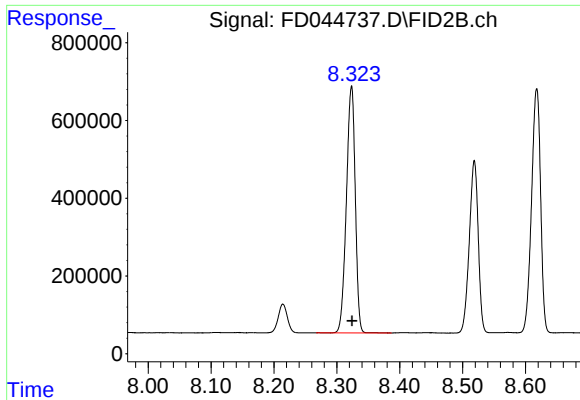
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.001 min
Response: 5773030
Conc: 34.33 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 6716780
Conc: 46.58 ug/ml



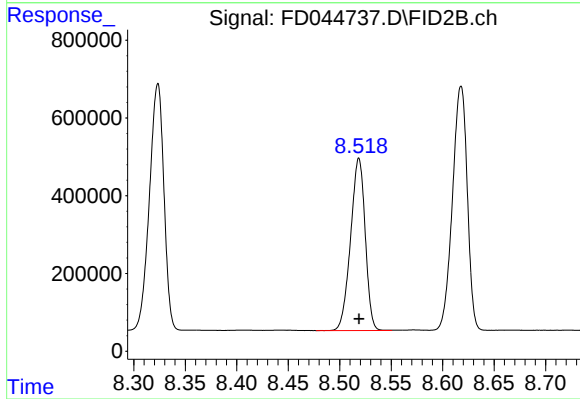
#5 Acenaphthylene (C15.06)

R.T.: 8.323 min
Delta R.T.: -0.001 min
Response: 6239346
Conc: 41.14 ug/ml

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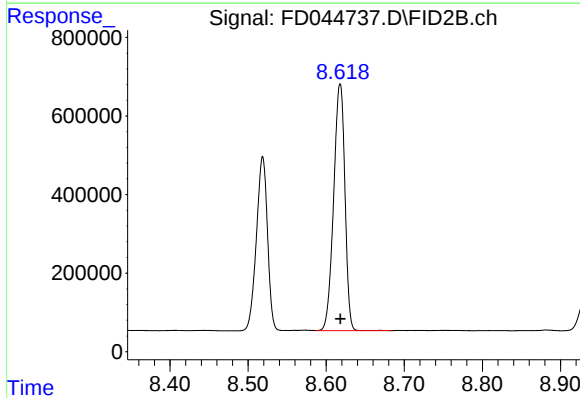
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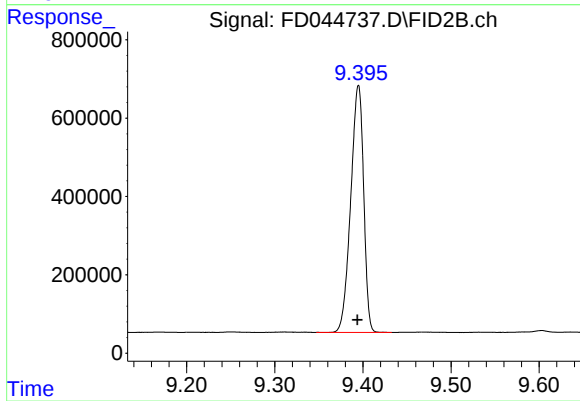
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 4380370
Conc: 45.13 ug/ml



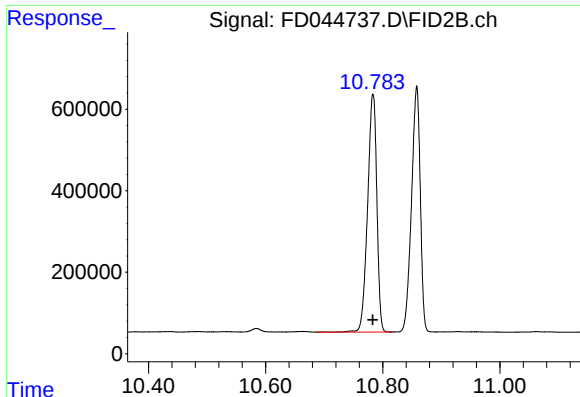
#7 Acenaphthene (C15.5)

R.T.: 8.618 min
Delta R.T.: 0.000 min
Response: 6291966
Conc: 38.81 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.395 min
Delta R.T.: 0.000 min
Response: 6420000
Conc: 40.28 ug/ml



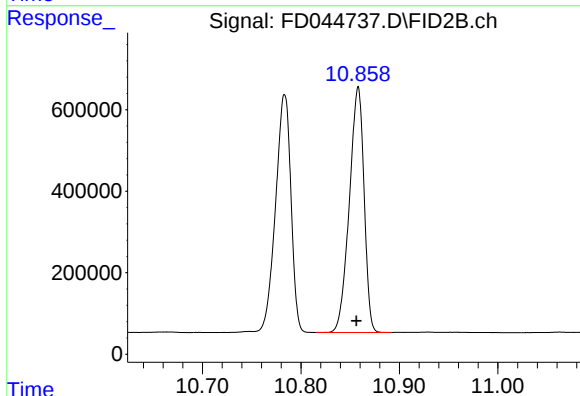
#9 Phenanthrene (C19.36)

R.T.: 10.783 min
Delta R.T.: 0.000 min
Response: 6385863
Conc: 40.69 ug/ml

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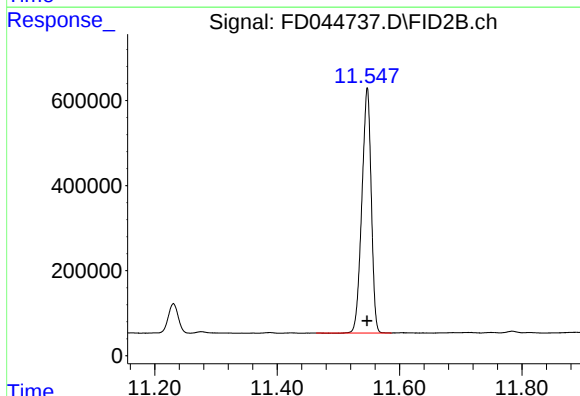
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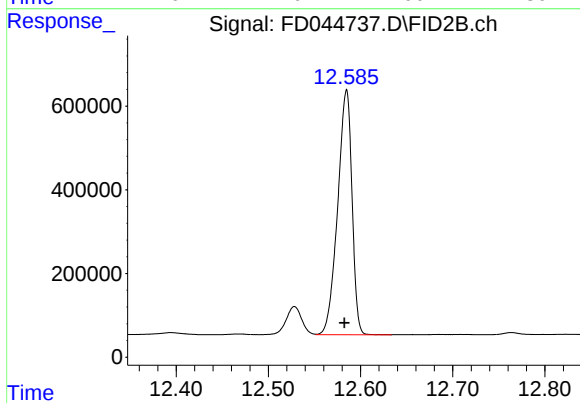
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: 0.002 min
Response: 6261540
Conc: 49.79 ug/ml



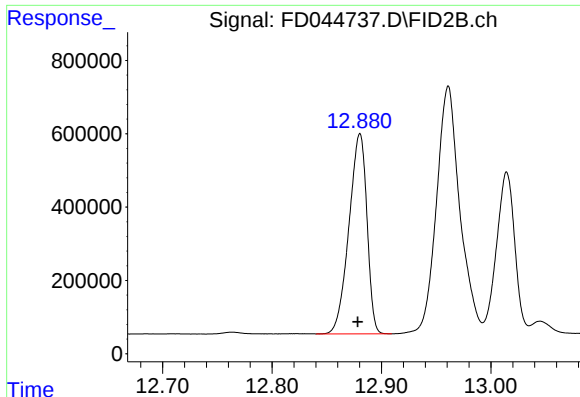
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 6129473
Conc: 34.02 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: 0.002 min
Response: 6327045
Conc: 40.29 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: 0.002 min
Response: 6234474
Conc: 40.73 ug/ml

Instrument :

FID_D

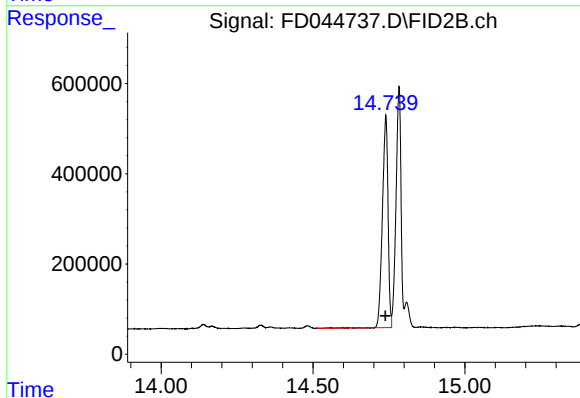
ClientSampleId :

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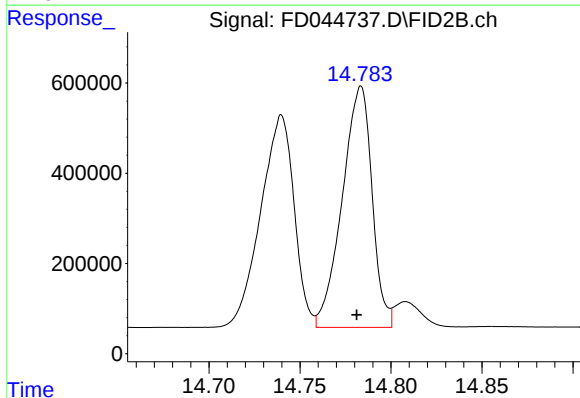
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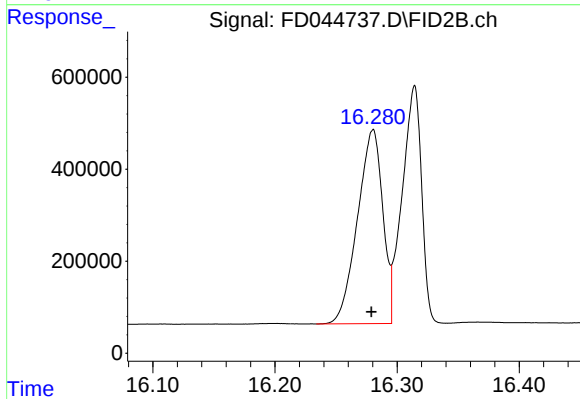
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 6034472
Conc: 42.44 ug/ml



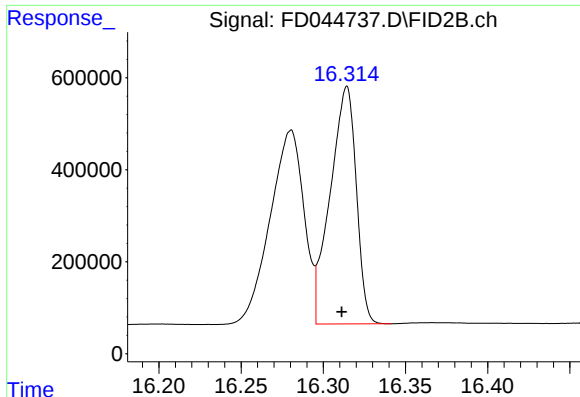
#15 Chrysene (C27.41)

R.T.: 14.783 min
Delta R.T.: 0.002 min
Response: 6105103
Conc: 40.26 ug/ml m



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

R.T.: 16.280 min
Delta R.T.: 0.000 min
Response: 6071475
Conc: 40.37 ug/ml



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

R.T.: 16.314 min
Delta R.T.: 0.003 min
Response: 5695712
Conc: 37.59 ug/ml

Instrument :

FID_D

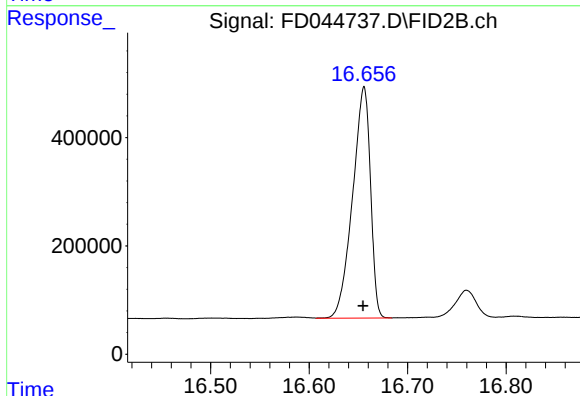
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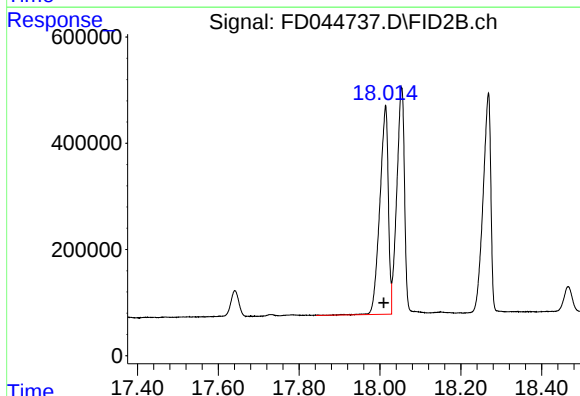
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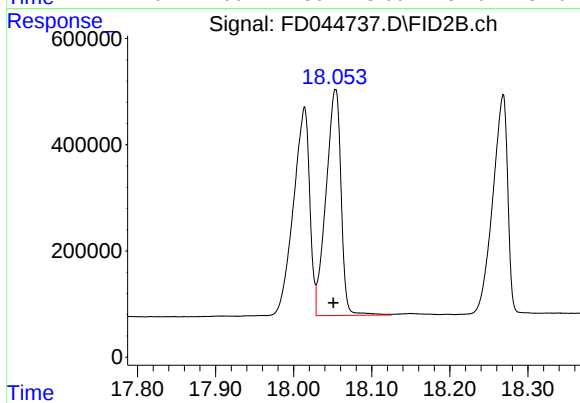
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.655 min
Delta R.T.: 0.000 min
Response: 5385266
Conc: 37.12 ug/ml



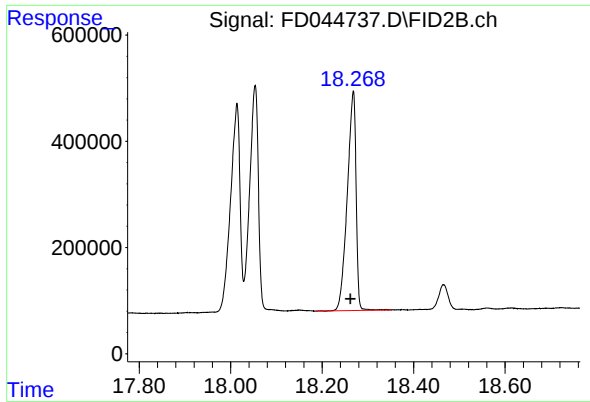
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min
Delta R.T.: 0.004 min
Response: 5699844
Conc: 40.31 ug/ml



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

R.T.: 18.053 min
Delta R.T.: 0.002 min
Response: 5704472
Conc: 38.91 ug/ml



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

R.T.: 18.267 min
Delta R.T.: 0.005 min
Response: 5511407
Conc: 38.80 ug/ml

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