

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071922AR\
 Data File : FD043264.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jul 2022 13:28
 Operator : YP/AJ
 Sample : PB146275BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB146275BS

Manual Integrations**APPROVED**

Reviewed By :Ankita Jodhani 07/20/2022

Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e
 Quant Time: Jul 20 03:34:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.622	5892518	38.162 ug/ml
Spiked Amount 50.000		Recovery =	76.32%
6) S 2-Fluorobiphenyl (SURR)	8.485	3339343	31.660 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	63.32%
11) S ortho-Terphenyl (SURR)	11.537	12110826	66.635 ug/ml
Spiked Amount 50.000		Recovery =	133.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	3690847	21.976 ug/mlm
2) T Naphthalene (C11.7)	5.956	4518028	25.807 ug/ml
3) T 2-Methylnaphthalene (...)	7.010	4838074	30.079 ug/ml
5) T Acenaphthylene (C15.06)	8.288	5225450	29.398 ug/ml
7) T Acenaphthene (C15.5)	8.585	5449528	31.120 ug/ml
8) T Flouorene (C16.55)	9.367	5729550	33.054 ug/ml
9) T Phenanthrene (C19.36)	10.764	5820714	33.938 ug/ml
10) T Anthracene (C19.43)	10.839	5766985	33.945 ug/ml
12) T Fluoranthene (C21.85)	12.578	5851388	34.889 ug/ml
13) T Pyrene (C20.8)	12.874	5769411	35.402 ug/mlm
14) T Benzo[a]anthracene (C...	14.748	5028574	32.380 ug/ml
15) T Chrysene (C27.41)	14.791	6131689	38.850 ug/ml
16) T benzo[b]fluoranthene ...	16.301	4920880	32.282 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.333	4894476	33.441 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	4137002	28.923 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.042	3758889	30.038 ug/mlm
20) T Dibenz[a,h]anthracene...	18.080	3679735	27.371 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	4102167	31.451 ug/ml

(f)=RT Delta > 1/2 Window

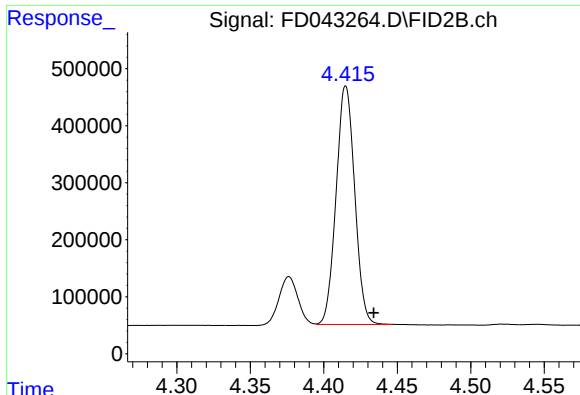
(m)=manual int.

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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.415 min
Delta R.T.: -0.019 min
Response: 3690847
Conc: 21.98 ug/ml

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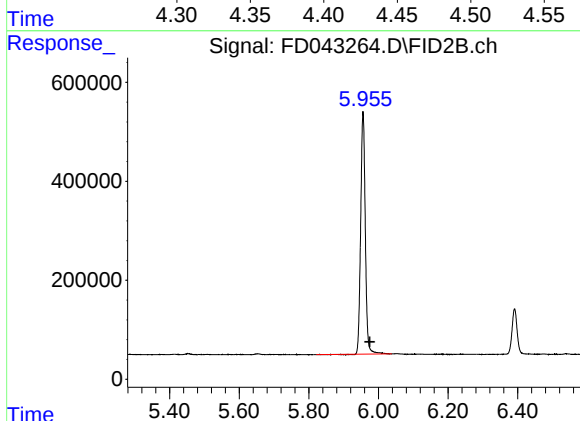
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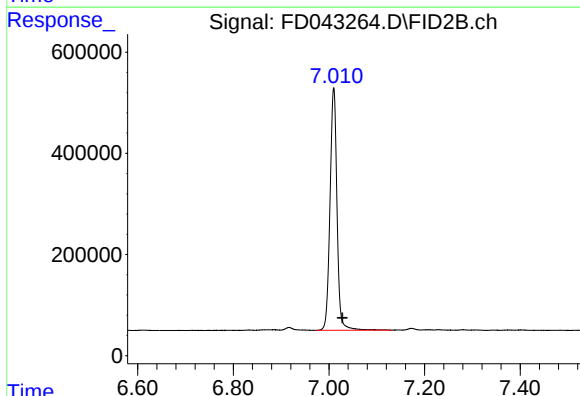
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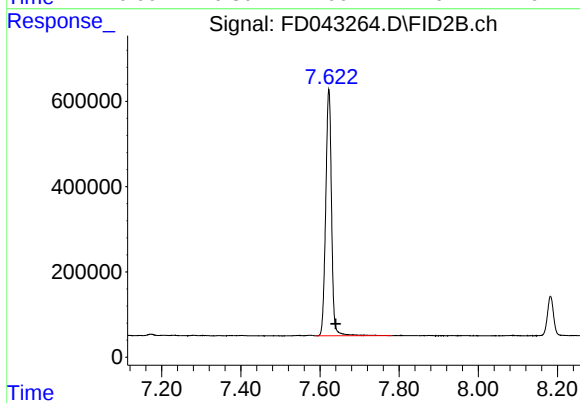
#2 Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: -0.019 min
Response: 4518028
Conc: 25.81 ug/ml



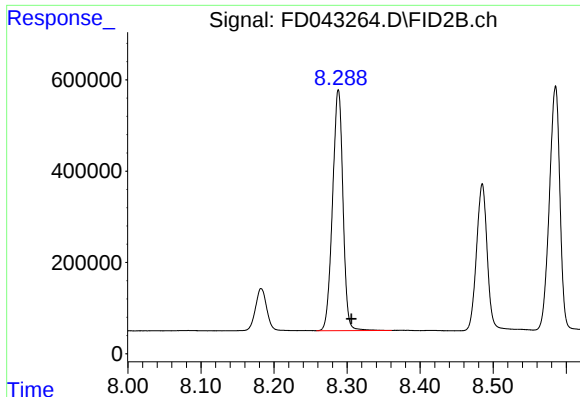
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.018 min
Response: 4838074
Conc: 30.08 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: -0.017 min
Response: 5892518
Conc: 38.16 ug/ml



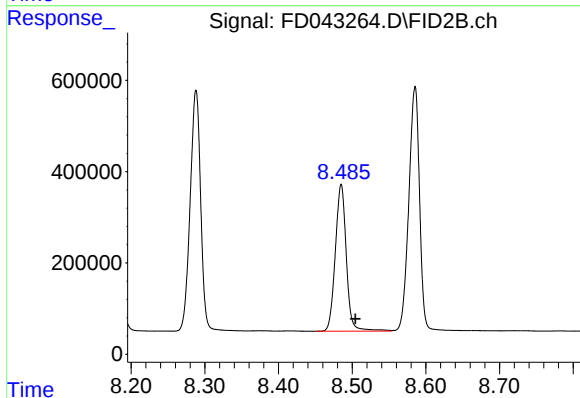
#5 Acenaphthylene (C15.06)

R.T.: 8.288 min
Delta R.T.: -0.018 min
Response: 5225450
Conc: 29.40 ug/ml

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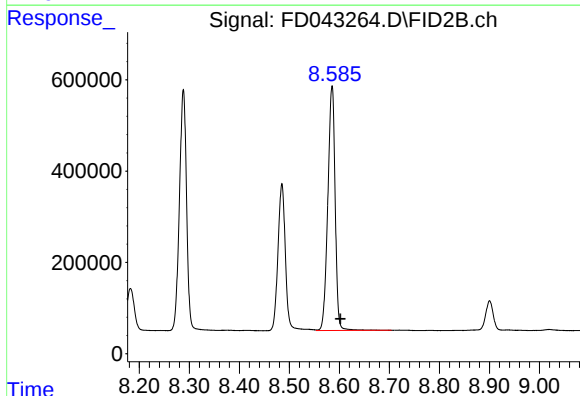
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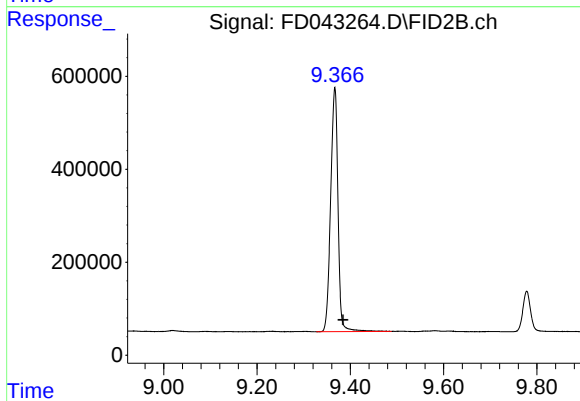
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.485 min
Delta R.T.: -0.019 min
Response: 3339343
Conc: 31.66 ug/ml



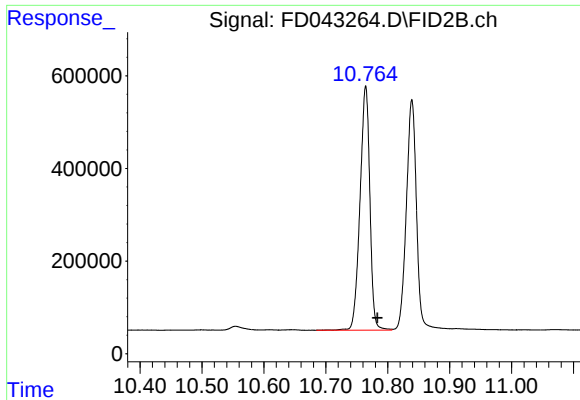
#7 Acenaphthene (C15.5)

R.T.: 8.585 min
Delta R.T.: -0.017 min
Response: 5449528
Conc: 31.12 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.367 min
Delta R.T.: -0.018 min
Response: 5729550
Conc: 33.05 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.764 min
Delta R.T.: -0.020 min
Response: 5820714
Conc: 33.94 ug/ml

Instrument :

FID_D

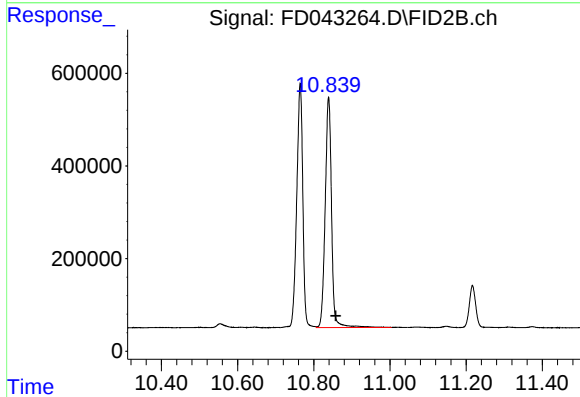
ClientSampleId :

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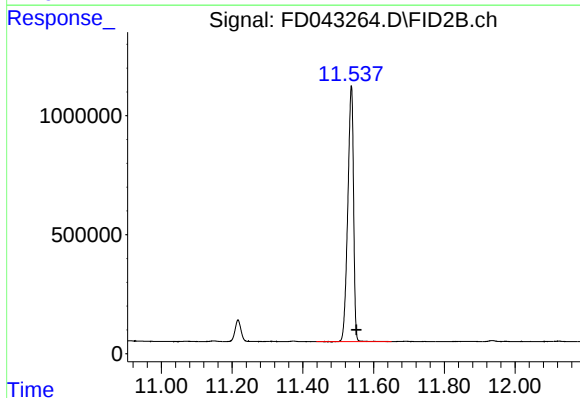
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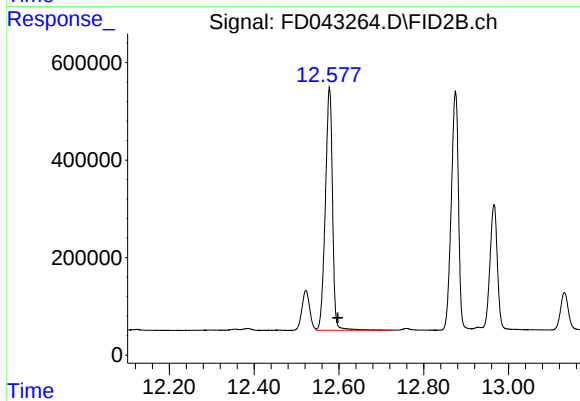
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.019 min
Response: 5766985
Conc: 33.94 ug/ml



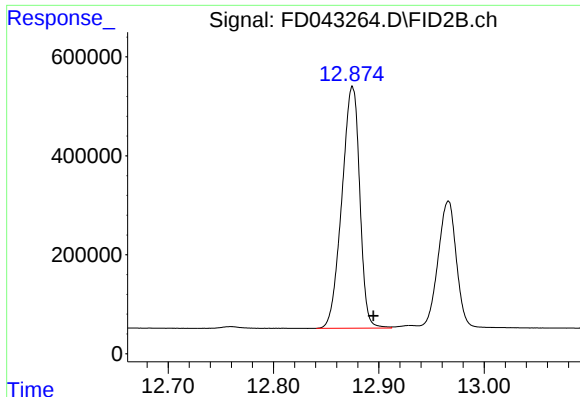
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.015 min
Response: 12110826
Conc: 66.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.578 min
Delta R.T.: -0.020 min
Response: 5851388
Conc: 34.89 ug/ml



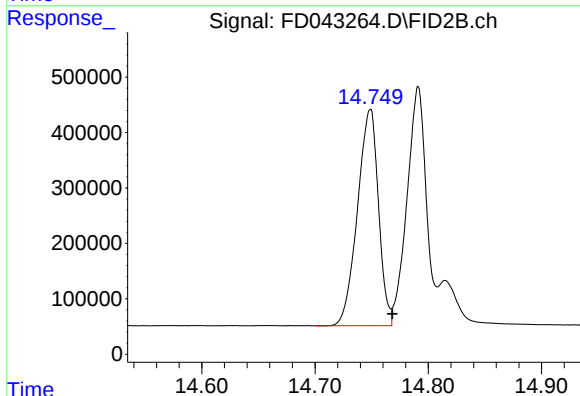
#13 Pyrene (C20.8)

R.T.: 12.874 min
Delta R.T.: -0.021 min
Response: 5769411
Conc: 35.40 ug/ml

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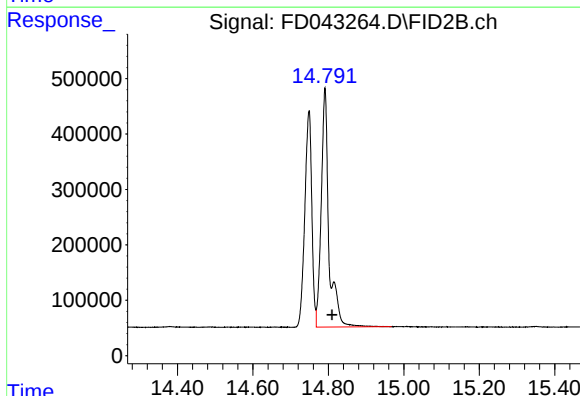
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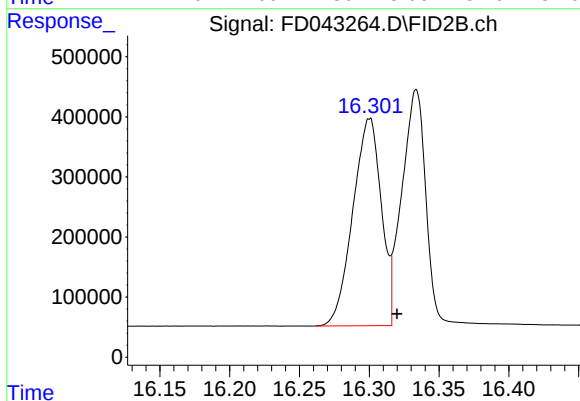
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.748 min
Delta R.T.: -0.020 min
Response: 5028574
Conc: 32.38 ug/ml



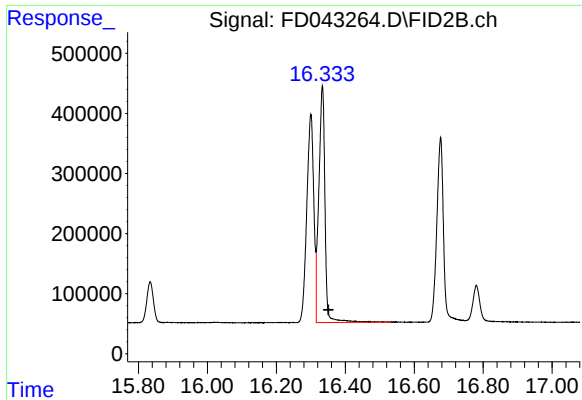
#15 Chrysene (C27.41)

R.T.: 14.791 min
Delta R.T.: -0.019 min
Response: 6131689
Conc: 38.85 ug/ml



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

R.T.: 16.301 min
Delta R.T.: -0.019 min
Response: 4920880
Conc: 32.28 ug/ml m



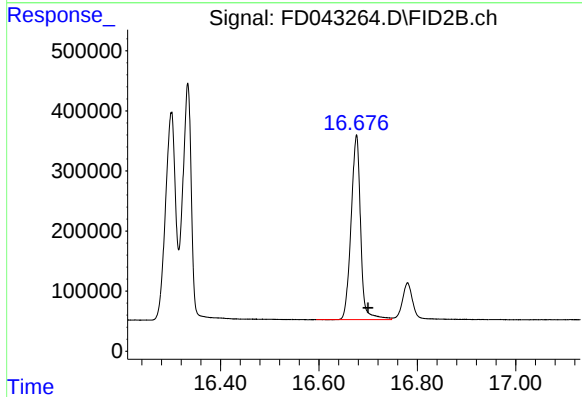
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.333 min
Delta R.T.: -0.017 min
Response: 4894476
Conc: 33.44 ug/ml

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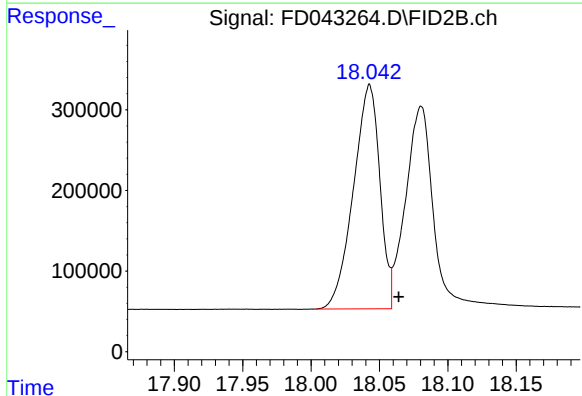
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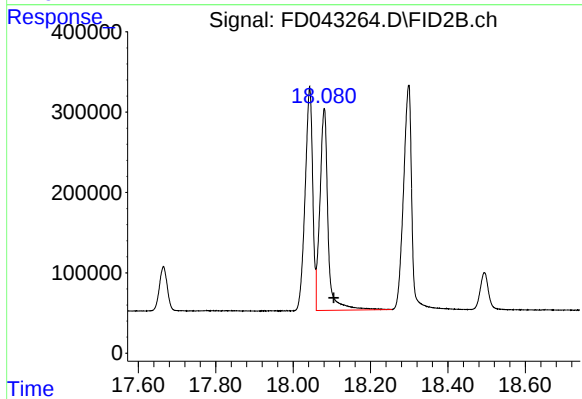
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: -0.024 min
Response: 4137002
Conc: 28.92 ug/ml



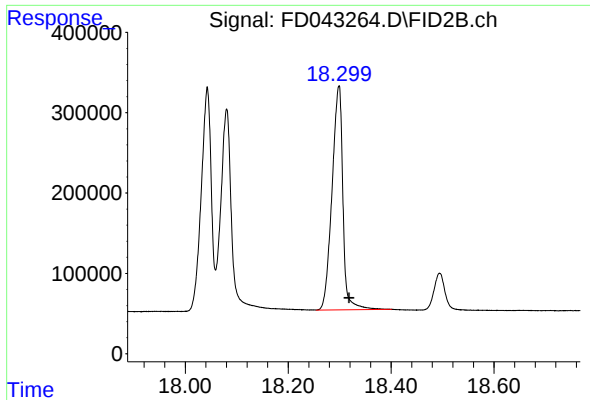
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.042 min
Delta R.T.: -0.022 min
Response: 3758889
Conc: 30.04 ug/ml m



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

R.T.: 18.080 min
Delta R.T.: -0.025 min
Response: 3679735
Conc: 27.37 ug/ml



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

R.T.: 18.298 min
Delta R.T.: -0.020 min
Response: 4102167
Conc: 31.45 ug/ml

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