

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072222AR\
 Data File : FD043320.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2022 02:16
 Operator : YP/AJ
 Sample : PB146350BSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB146350BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2022
 Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e
 Quant Time: Jul 23 05:47:35 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

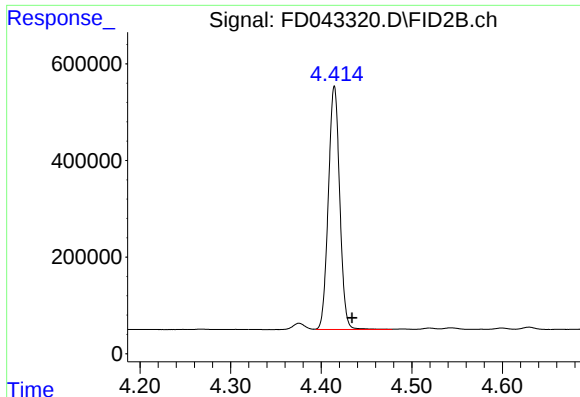
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.622	7251921	46.966 ug/ml
Spiked Amount 50.000		Recovery =	93.93%
6) S 2-Fluorobiphenyl (SURR)	8.484	3689661	34.982 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.96%
11) S ortho-Terphenyl (SURR)	11.531	6420816	35.328 ug/ml
Spiked Amount 50.000		Recovery =	70.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	4399424	26.195 ug/ml
2) T Naphthalene (C11.7)	5.955	5479793	31.300 ug/ml
3) T 2-Methylnaphthalene (...)	7.010	5841923	36.320 ug/ml
5) T Acenaphthylene (C15.06)	8.287	6175978	34.746 ug/ml
7) T Acenaphthene (C15.5)	8.584	6486348	37.041 ug/ml
8) T Flouorene (C16.55)	9.366	6487999	37.429 ug/ml
9) T Phenanthrene (C19.36)	10.763	6231156	36.331 ug/ml
10) T Anthracene (C19.43)	10.839	5969401	35.136 ug/ml
12) T Fluoranthene (C21.85)	12.577	6167774	36.775 ug/ml
13) T Pyrene (C20.8)	12.875	6096163	37.407 ug/mlm
14) T Benzo[a]anthracene (C...	14.747	5420263	34.902 ug/ml
15) T Chrysene (C27.41)	14.790	5626825	35.651 ug/ml
16) T benzo[b]fluoranthene ...	16.299	5498746	36.072 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.332	5344948	36.519 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	4747284	33.190 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	4957105	39.614 ug/mlm
20) T Dibenz[a,h]anthracene...	18.081	4707189	35.014 ug/ml
21) T Benzo[g,h,i]perylene ...	18.299	5089973	39.025 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



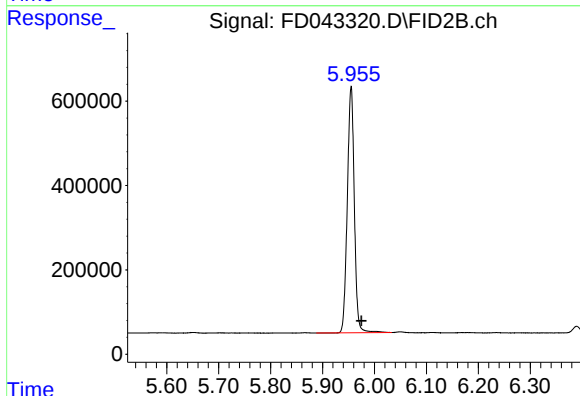
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: -0.019 min
Response: 4399424
Conc: 26.19 ug/ml

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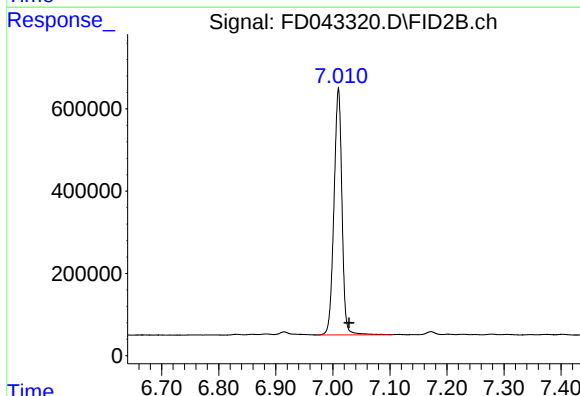
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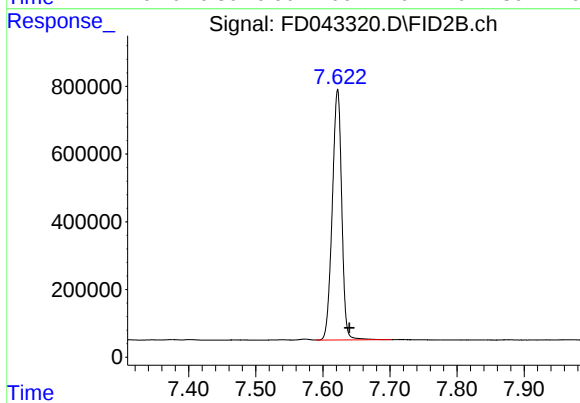
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.020 min
Response: 5479793
Conc: 31.30 ug/ml



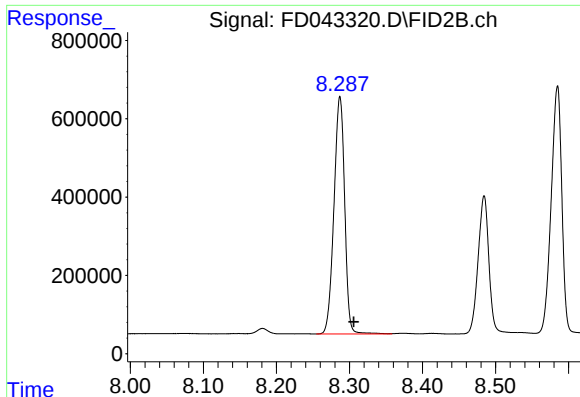
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.018 min
Response: 5841923
Conc: 36.32 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: -0.018 min
Response: 7251921
Conc: 46.97 ug/ml



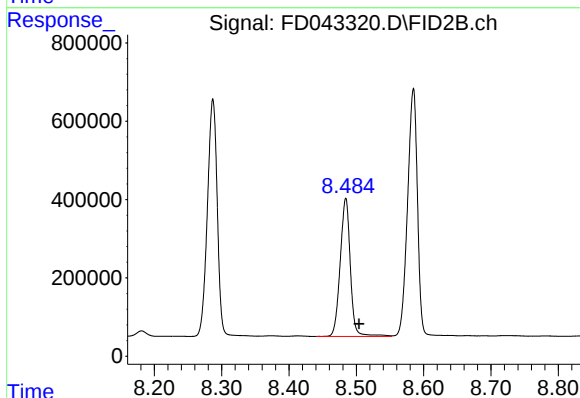
#5 Acenaphthylene (C15.06)

R.T.: 8.287 min
Delta R.T.: -0.019 min
Response: 6175978
Conc: 34.75 ug/ml

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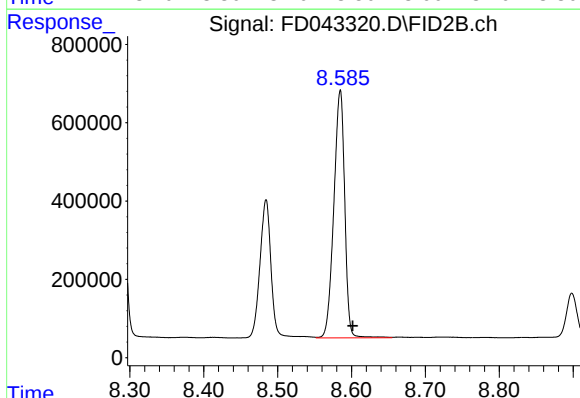
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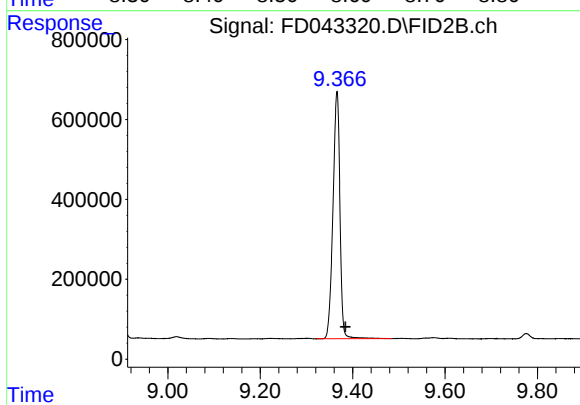
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: -0.020 min
Response: 3689661
Conc: 34.98 ug/ml



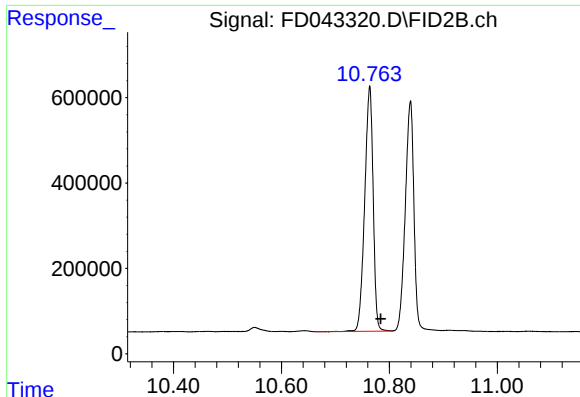
#7 Acenaphthene (C15.5)

R.T.: 8.584 min
Delta R.T.: -0.017 min
Response: 6486348
Conc: 37.04 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.366 min
Delta R.T.: -0.019 min
Response: 6487999
Conc: 37.43 ug/ml



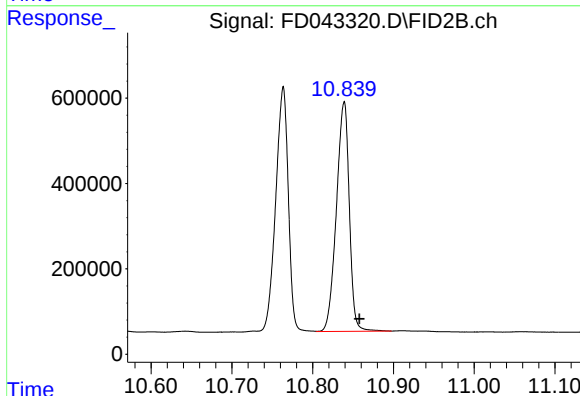
#9 Phenanthrene (C19.36)

R.T.: 10.763 min
Delta R.T.: -0.020 min
Response: 6231156
Conc: 36.33 ug/ml

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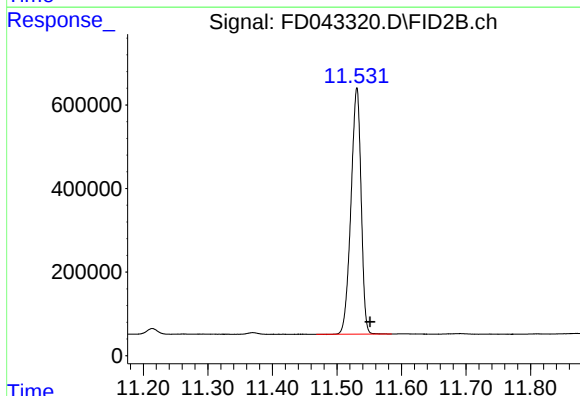
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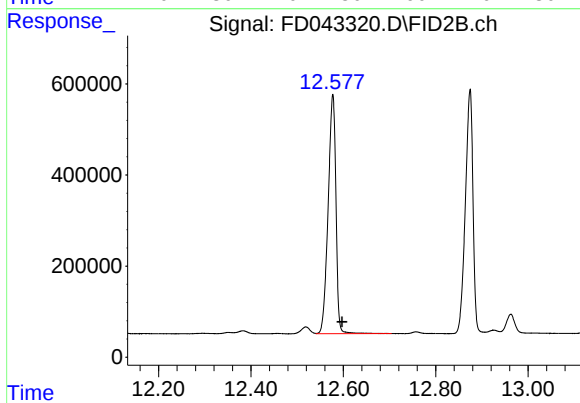
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.020 min
Response: 5969401
Conc: 35.14 ug/ml



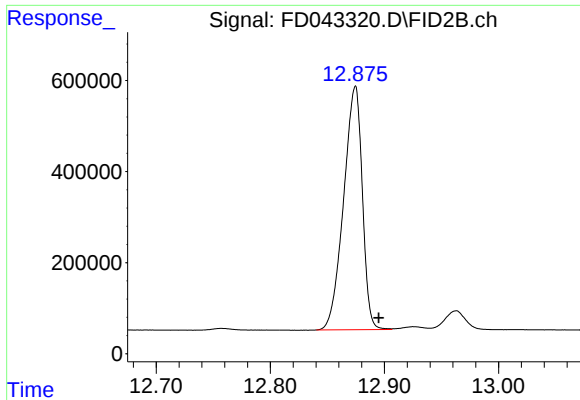
#11 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.021 min
Response: 6420816
Conc: 35.33 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.577 min
Delta R.T.: -0.021 min
Response: 6167774
Conc: 36.78 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.875 min
Delta R.T.: -0.020 min
Response: 6096163
Conc: 37.41 ug/ml

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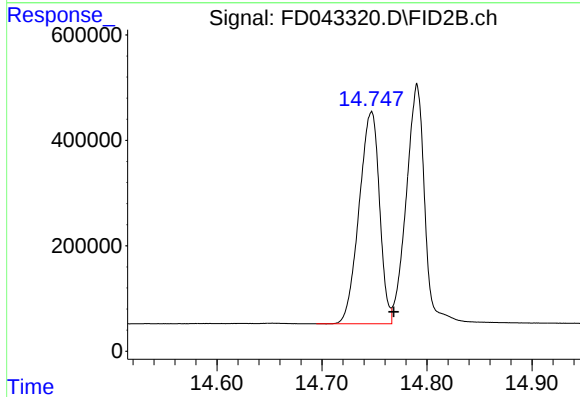
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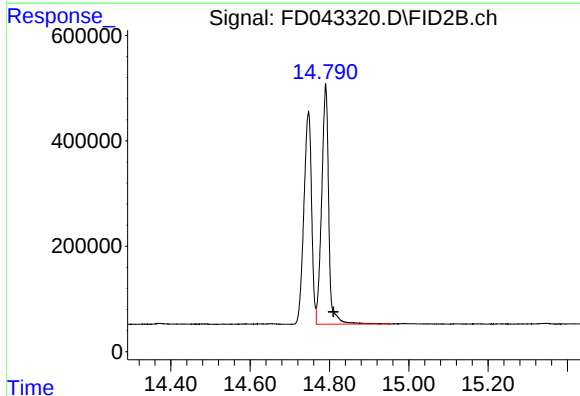
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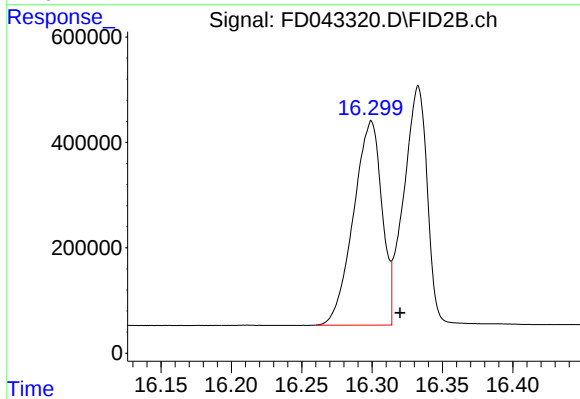
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.747 min
Delta R.T.: -0.022 min
Response: 5420263
Conc: 34.90 ug/ml



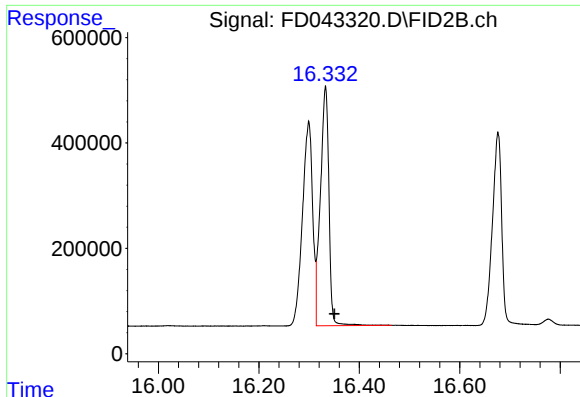
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: -0.020 min
Response: 5626825
Conc: 35.65 ug/ml



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

R.T.: 16.299 min
Delta R.T.: -0.021 min
Response: 5498746
Conc: 36.07 ug/ml m



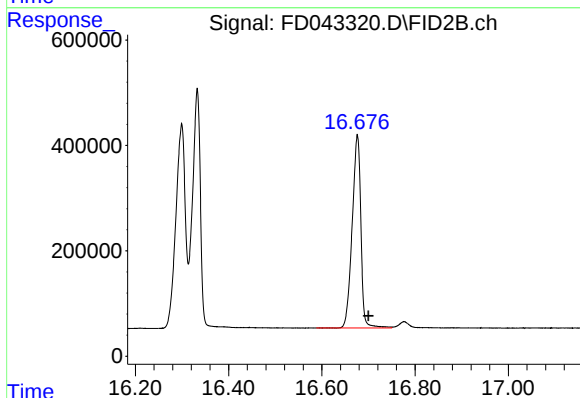
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.332 min
Delta R.T.: -0.018 min
Response: 5344948
Conc: 36.52 ug/ml

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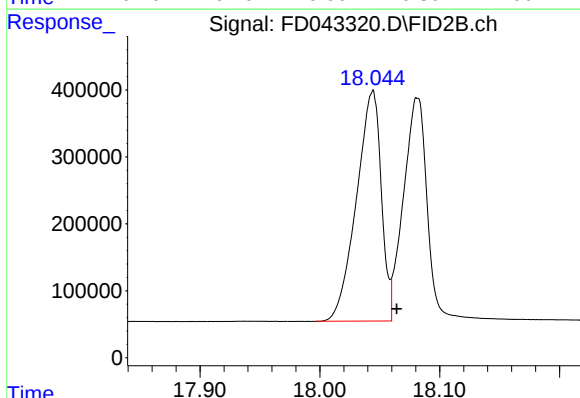
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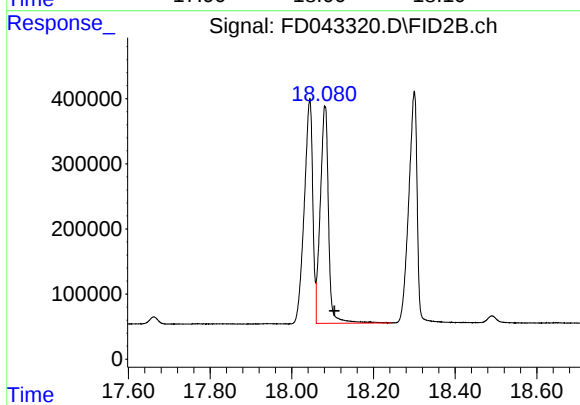
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: -0.024 min
Response: 4747284
Conc: 33.19 ug/ml



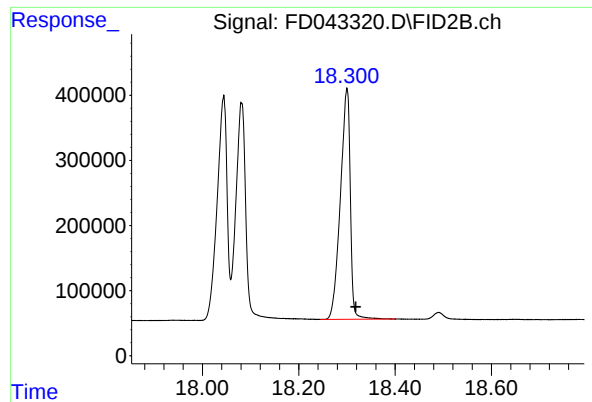
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.044 min
Delta R.T.: -0.020 min
Response: 4957105
Conc: 39.61 ug/ml m



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

R.T.: 18.081 min
Delta R.T.: -0.024 min
Response: 4707189
Conc: 35.01 ug/ml



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

R.T.: 18.299 min
Delta R.T.: -0.019 min
Response: 5089973
Conc: 39.02 ug/ml

Instrument :

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