

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112522AR\
 Data File : FD044501.D
 Signal(s) : FID2B.ch
 Acq On : 26 Nov 2022 02:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 01:20:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:00:35 2022
 Response via : Initial Calibration
 Integrator: ChemStation

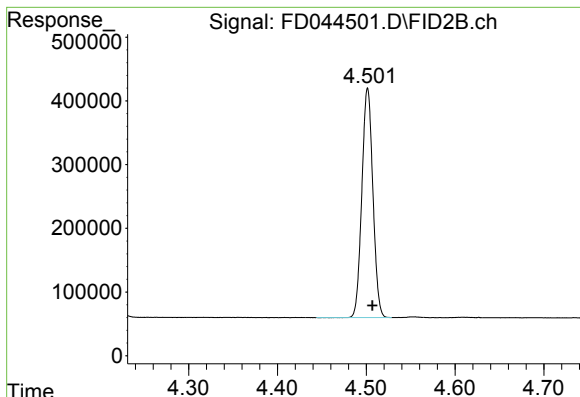
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.687	2832499	20.932 ug/ml
Spiked Amount 50.000		Recovery =	41.86%
6) S 2-Fluorobiphenyl (SURR)	8.546	1928336	20.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.12%
11) S ortho-Terphenyl (SURR)	11.578	3577714	20.853 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	3103768	21.294 ug/ml
2) T Naphthalene (C11.7)	6.033	3283765	21.090 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	3292702	20.842 ug/ml
5) T Acenaphthylene (C15.06)	8.350	3007210	19.942 ug/ml
7) T Acenaphthene (C15.5)	8.645	3200341	20.683 ug/ml
8) T Flouorene (C16.55)	9.422	3165041	20.580 ug/ml
9) T Phenanthrene (C19.36)	10.813	3107526	20.665 ug/ml
10) T Anthracene (C19.43)	10.887	2787893	19.028 ug/ml
12) T Fluoranthene (C21.85)	12.617	3135450	20.632 ug/ml
13) T Pyrene (C20.8)	12.912	3059575	20.582 ug/mlm
14) T Benzo[a]anthracene (C...	14.775	2813754	20.102 ug/mlm
15) T Chrysene (C27.41)	14.816	3001549	20.495 ug/mlm
16) T benzo[b]fluoranthene ...	16.315	2915167	20.270 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.348	2867264	20.166 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.692	2767882	19.784 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.048	2743866	20.123 ug/mlm
20) T Dibenz[a,h]anthracene...	18.089	2867091	21.285 ug/ml
21) T Benzo[g,h,i]perylene ...	18.303	2782197	20.381 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



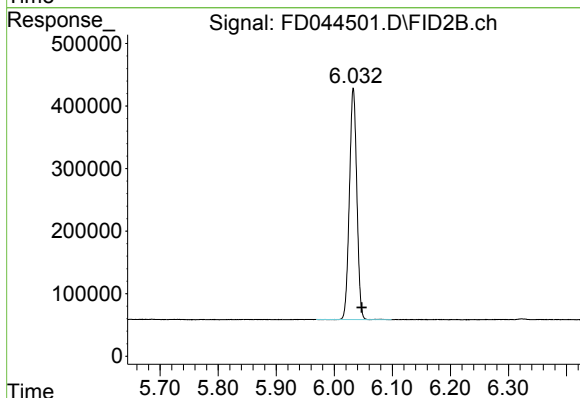
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.502 min
Delta R.T.: -0.005 min
Response: 3103768
Conc: 21.29 ug/ml

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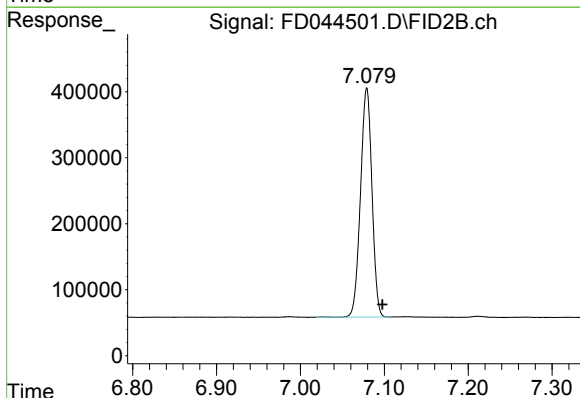
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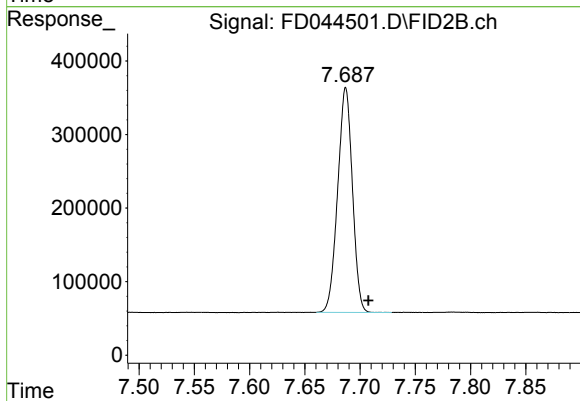
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.015 min
Response: 3283765
Conc: 21.09 ug/ml



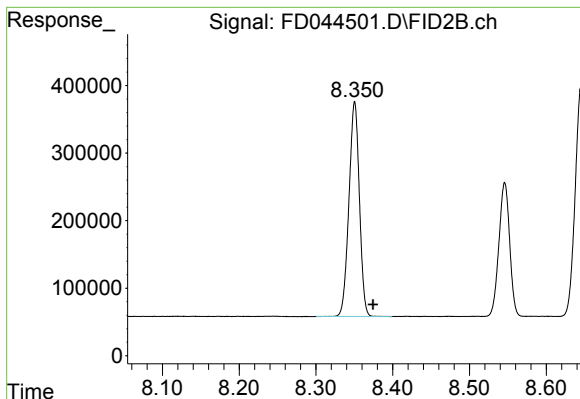
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.019 min
Response: 3292702
Conc: 20.84 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.687 min
Delta R.T.: -0.021 min
Response: 2832499
Conc: 20.93 ug/ml



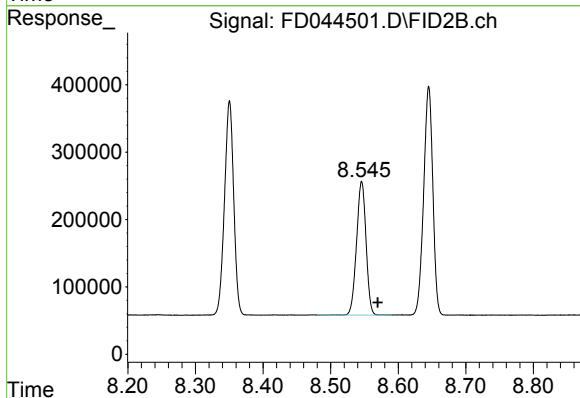
#5 Acenaphthylene (C15.06)

R.T.: 8.350 min
Delta R.T.: -0.024 min
Response: 3007210
Conc: 19.94 ug/ml

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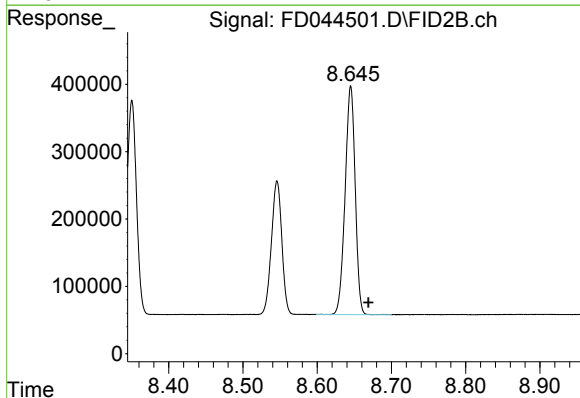
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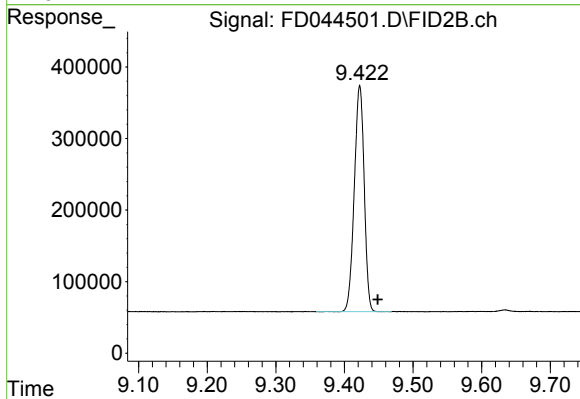
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.546 min
Delta R.T.: -0.024 min
Response: 1928336
Conc: 20.56 ug/ml



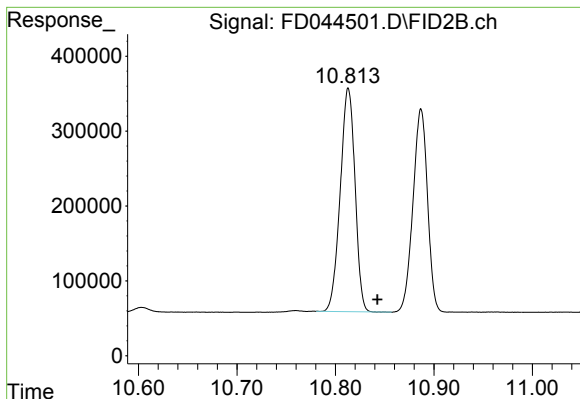
#7 Acenaphthene (C15.5)

R.T.: 8.645 min
Delta R.T.: -0.024 min
Response: 3200341
Conc: 20.68 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.422 min
Delta R.T.: -0.027 min
Response: 3165041
Conc: 20.58 ug/ml



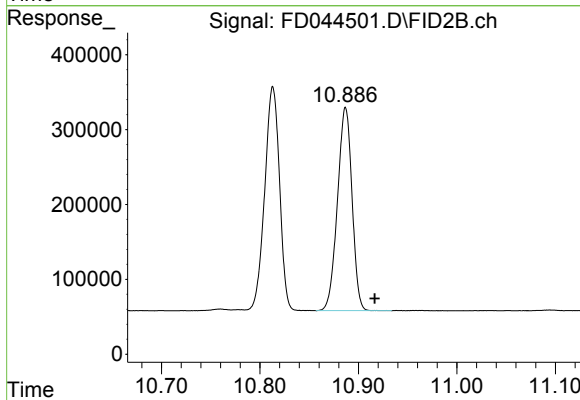
#9 Phenanthrene (C19.36)

R.T.: 10.813 min
Delta R.T.: -0.029 min
Response: 3107526
Conc: 20.66 ug/ml

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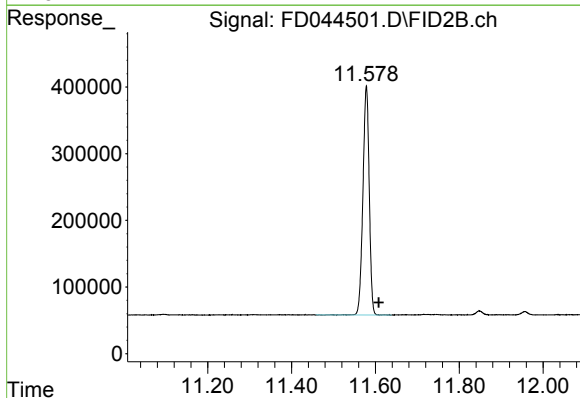
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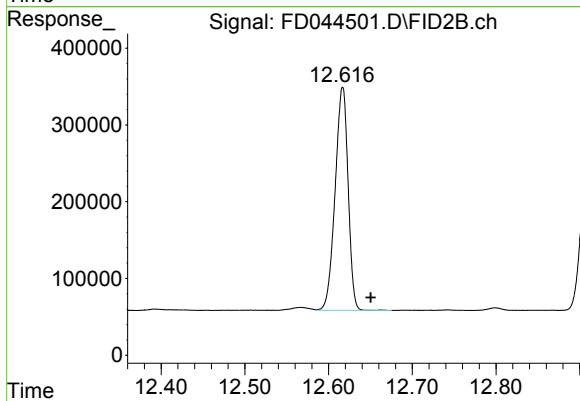
#10 Anthracene (C19.43)

R.T.: 10.887 min
Delta R.T.: -0.030 min
Response: 2787893
Conc: 19.03 ug/ml



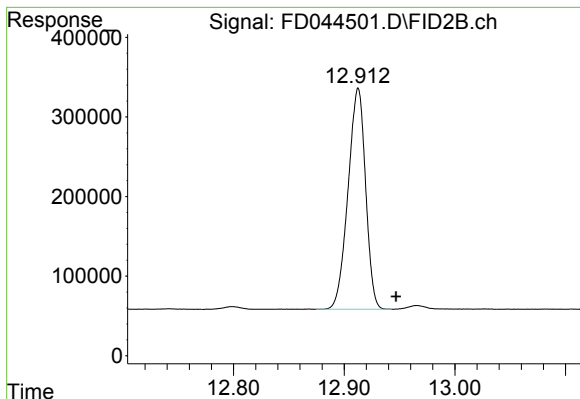
#11 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: -0.030 min
Response: 3577714
Conc: 20.85 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.617 min
Delta R.T.: -0.034 min
Response: 3135450
Conc: 20.63 ug/ml



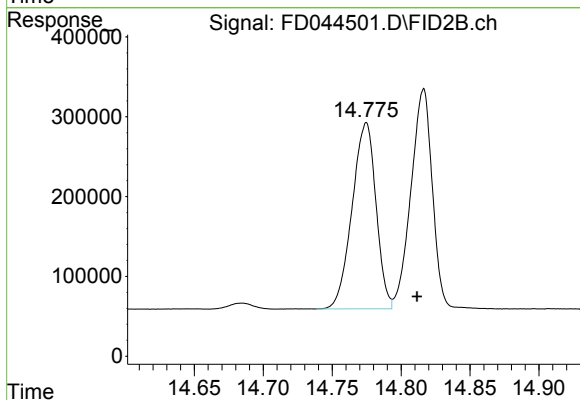
#13 Pyrene (C20.8)

R.T.: 12.912 min
Delta R.T.: -0.035 min
Response: 3059575
Conc: 20.58 ug/ml

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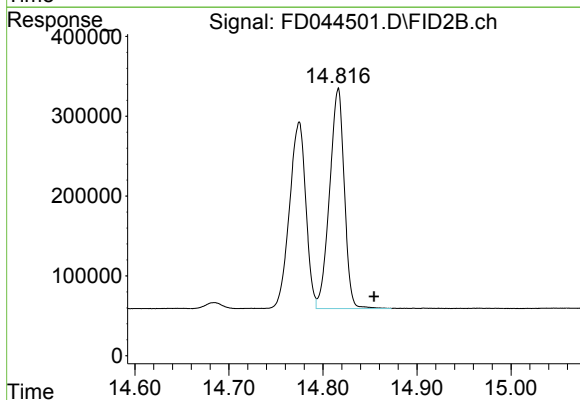
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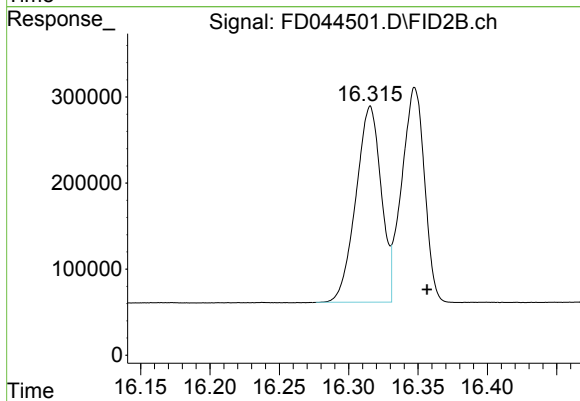
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.775 min
Delta R.T.: -0.037 min
Response: 2813754
Conc: 20.10 ug/ml m



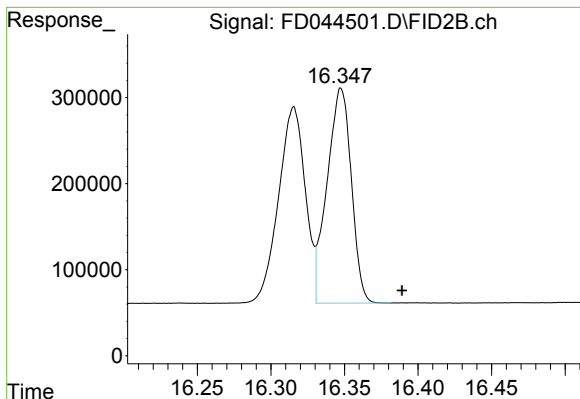
#15 Chrysene (C27.41)

R.T.: 14.816 min
Delta R.T.: -0.038 min
Response: 3001549
Conc: 20.49 ug/ml m



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

R.T.: 16.315 min
Delta R.T.: -0.041 min
Response: 2915167
Conc: 20.27 ug/ml m



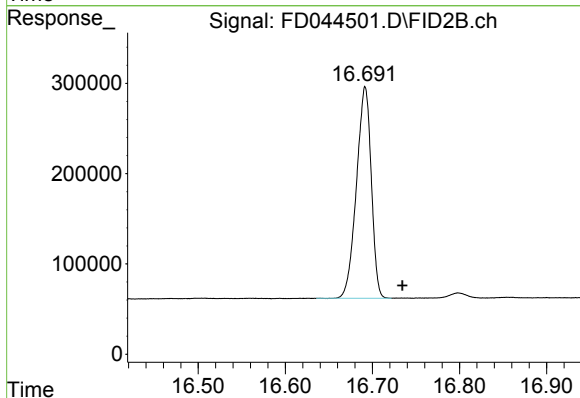
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.348 min
Delta R.T.: -0.042 min
Response: 2867264
Conc: 20.17 ug/ml

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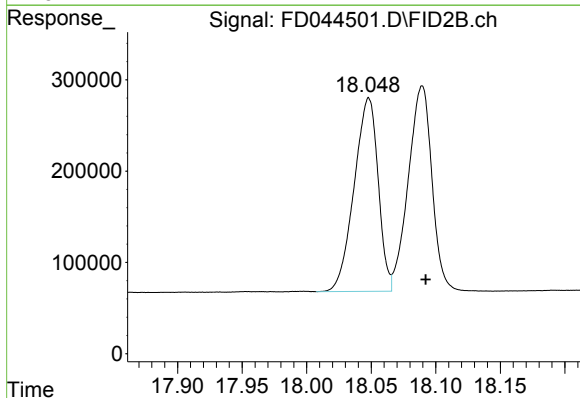
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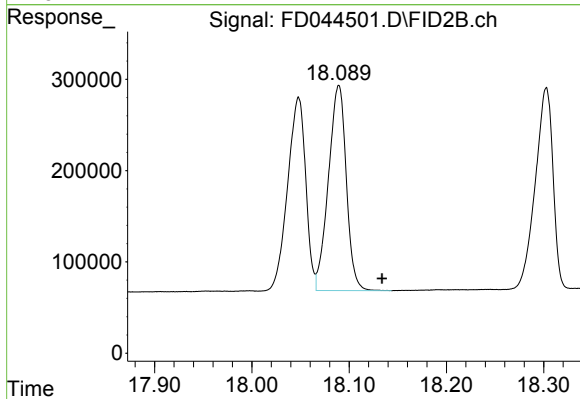
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.692 min
Delta R.T.: -0.043 min
Response: 2767882
Conc: 19.78 ug/ml



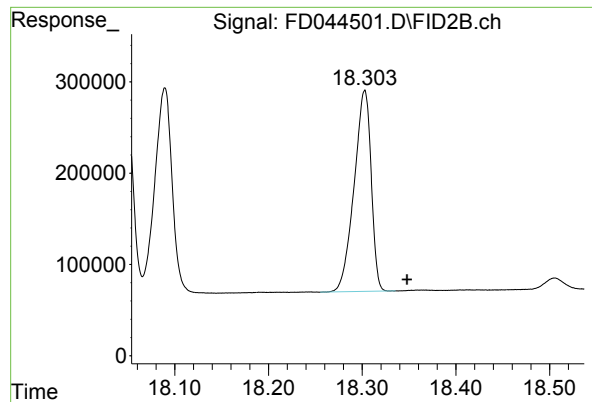
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: -0.045 min
Response: 2743866
Conc: 20.12 ug/ml m



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

R.T.: 18.089 min
Delta R.T.: -0.045 min
Response: 2867091
Conc: 21.29 ug/ml



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

R.T.: 18.303 min
Delta R.T.: -0.045 min
Response: 2782197
Conc: 20.38 ug/ml

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