

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112522AR\
 Data File : FD044491.D
 Signal(s) : FID2B.ch
 Acq On : 25 Nov 2022 18:37
 Operator : YP/AJ
 Sample : PB149284BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149284BSD

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 01:19:22 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

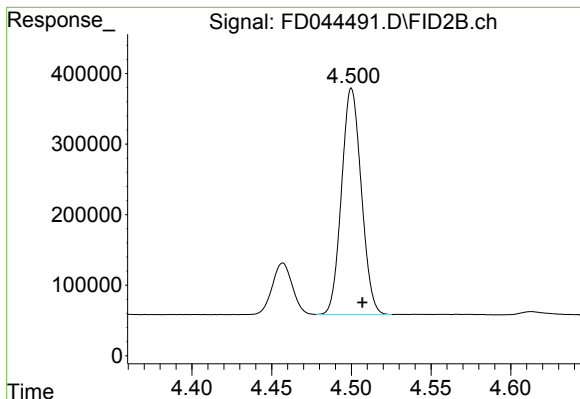
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.689	5470541	40.427 ug/ml
Spiked Amount 50.000		Recovery =	80.85%
6) S 2-Fluorobiphenyl (SURR)	8.547	2387771	25.461 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	50.92%
11) S ortho-Terphenyl (SURR)	11.582	6797385	39.618 ug/ml
Spiked Amount 50.000		Recovery =	79.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.500	2770862	19.010 ug/ml
2) T Naphthalene (C11.7)	6.033	3758582	24.140 ug/ml
3) T 2-Methylnaphthalene (...)	7.080	3967463	25.113 ug/ml
5) T Acenaphthylene (C15.06)	8.353	5125030	33.987 ug/ml
7) T Acenaphthene (C15.5)	8.647	4715482	30.474 ug/ml
8) T Flouorene (C16.55)	9.426	5959345	38.749 ug/ml
9) T Phenanthrene (C19.36)	10.817	6149138	40.891 ug/ml
10) T Anthracene (C19.43)	10.892	6118341	41.759 ug/ml
12) T Fluoranthene (C21.85)	12.622	6601706	43.440 ug/ml
13) T Pyrene (C20.8)	12.919	6370780	42.857 ug/mlm
14) T Benzo[a]anthracene (C...	14.782	6558401	46.856 ug/mlm
15) T Chrysene (C27.41)	14.826	7307439	49.896 ug/ml
16) T benzo[b]fluoranthene ...	16.325	6492363	45.143 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.359	6123057	43.065 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.701	5773790	41.270 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.060	6197111	45.449 ug/mlm
20) T Dibenz[a,h]anthracene...	18.100	5880344	43.655 ug/ml
21) T Benzo[g,h,i]perylene ...	18.316	5975941	43.776 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.500 min
Delta R.T.: -0.007 min
Response: 2770862
Conc: 19.01 ug/ml

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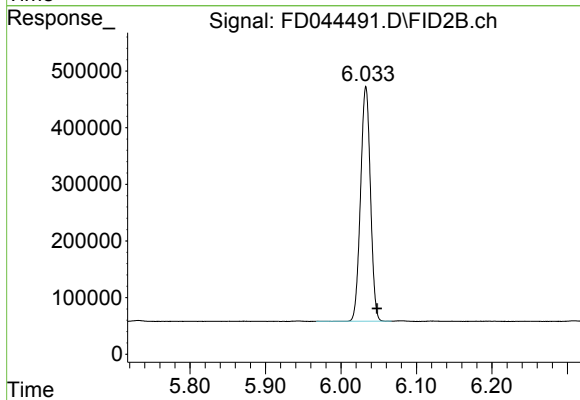
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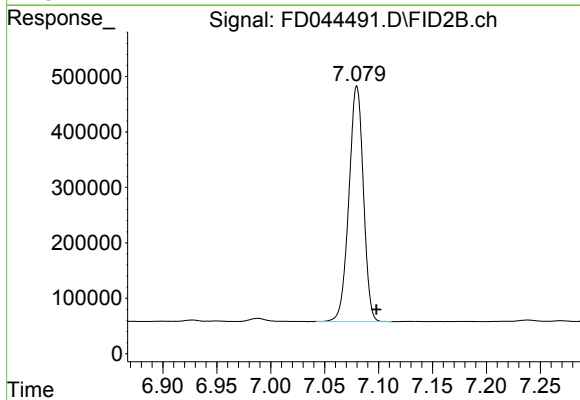
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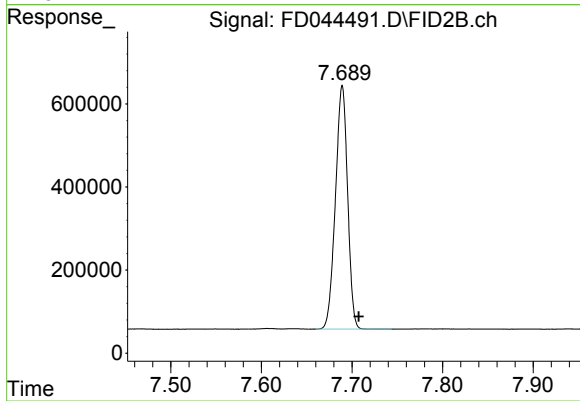
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.015 min
Response: 3758582
Conc: 24.14 ug/ml



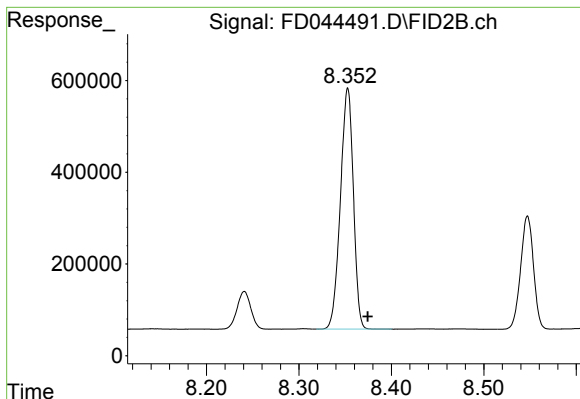
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.080 min
Delta R.T.: -0.018 min
Response: 3967463
Conc: 25.11 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.689 min
Delta R.T.: -0.018 min
Response: 5470541
Conc: 40.43 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.353 min
Delta R.T.: -0.022 min
Response: 5125030
Conc: 33.99 ug/ml

Instrument :

FID_D

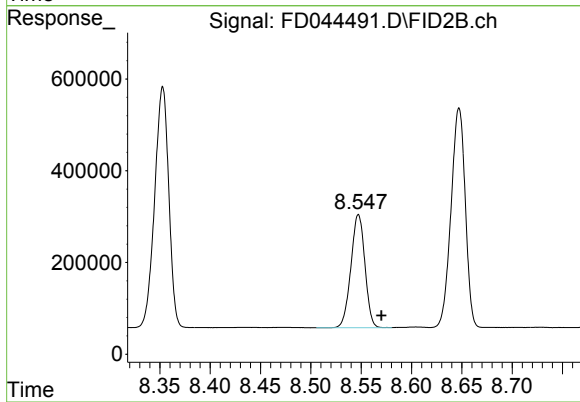
ClientSampleId :

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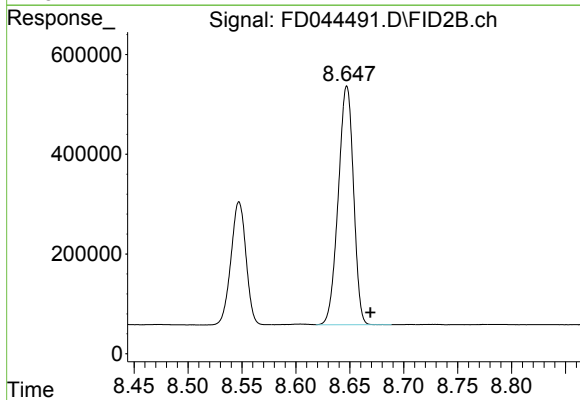
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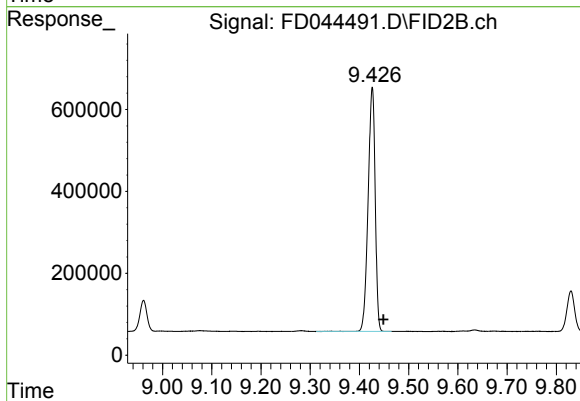
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.547 min
Delta R.T.: -0.023 min
Response: 2387771
Conc: 25.46 ug/ml



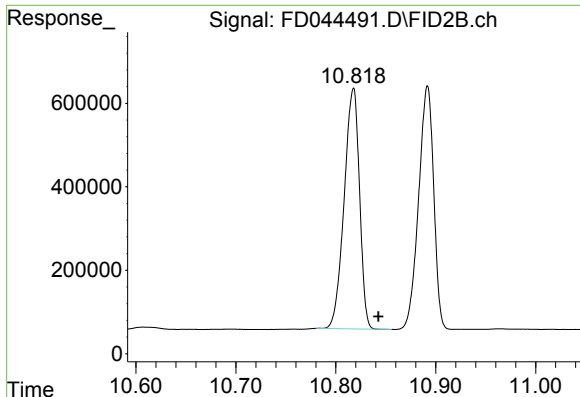
#7 Acenaphthene (C15.5)

R.T.: 8.647 min
Delta R.T.: -0.022 min
Response: 4715482
Conc: 30.47 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.426 min
Delta R.T.: -0.023 min
Response: 5959345
Conc: 38.75 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.817 min
Delta R.T.: -0.025 min
Response: 6149138
Conc: 40.89 ug/ml

Instrument :

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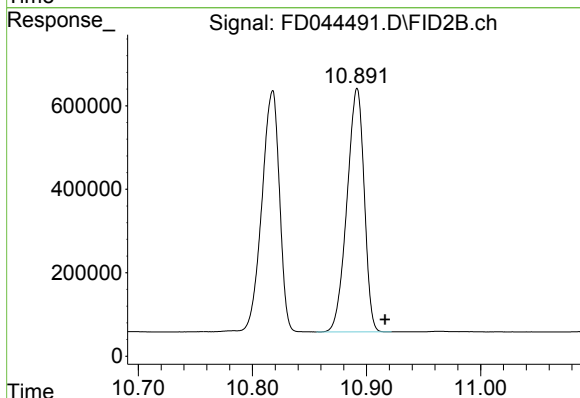
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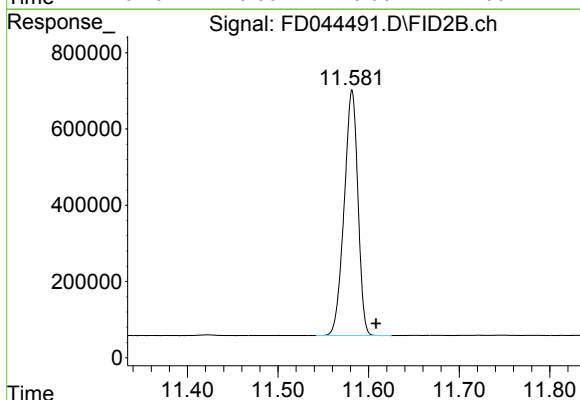
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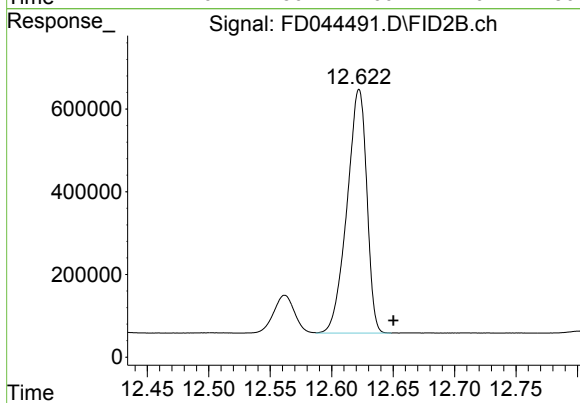
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: -0.025 min
Response: 6118341
Conc: 41.76 ug/ml



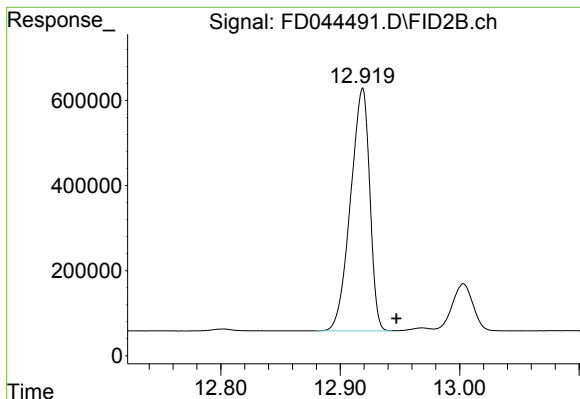
#11 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: -0.026 min
Response: 6797385
Conc: 39.62 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.622 min
Delta R.T.: -0.028 min
Response: 6601706
Conc: 43.44 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.919 min
Delta R.T.: -0.028 min
Response: 6370780
Conc: 42.86 ug/ml

Instrument :

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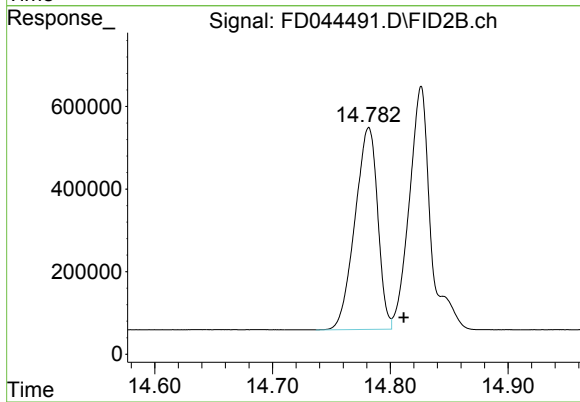
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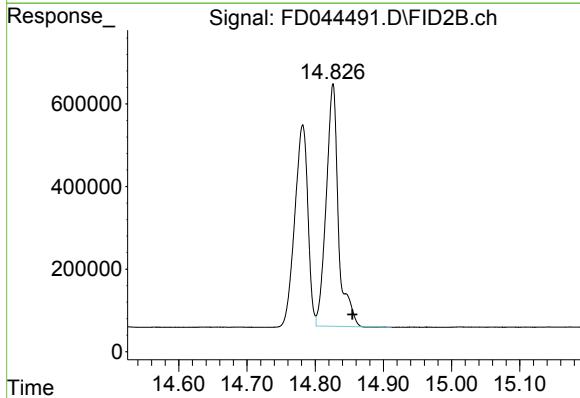
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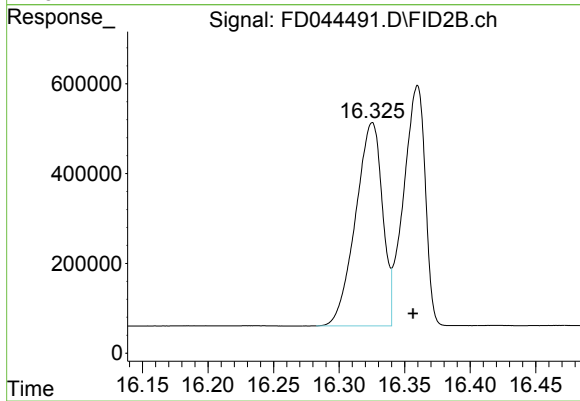
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.782 min
Delta R.T.: -0.030 min
Response: 6558401
Conc: 46.86 ug/ml m



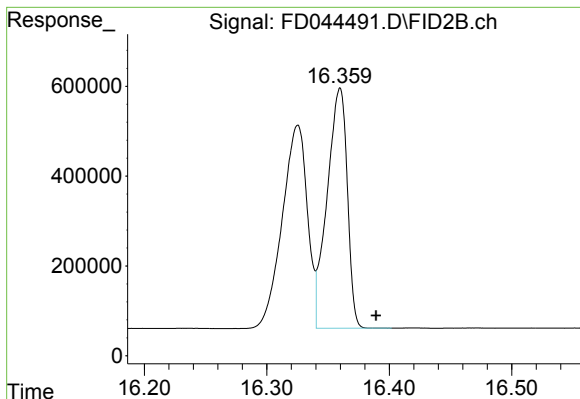
#15 Chrysene (C27.41)

R.T.: 14.826 min
Delta R.T.: -0.029 min
Response: 7307439
Conc: 49.90 ug/ml



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

R.T.: 16.325 min
Delta R.T.: -0.031 min
Response: 6492363
Conc: 45.14 ug/ml m



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

R.T.: 16.359 min
Delta R.T.: -0.030 min
Response: 6123057
Conc: 43.07 ug/ml

Instrument :

FID_D

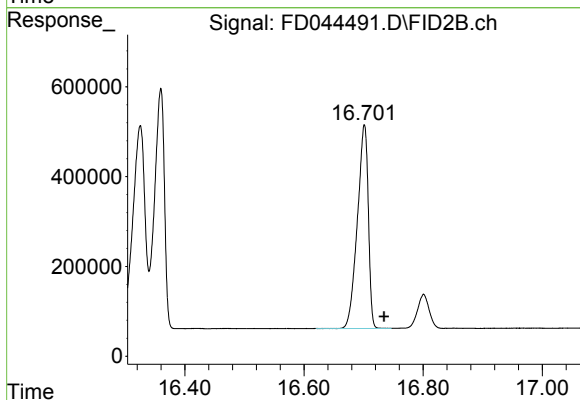
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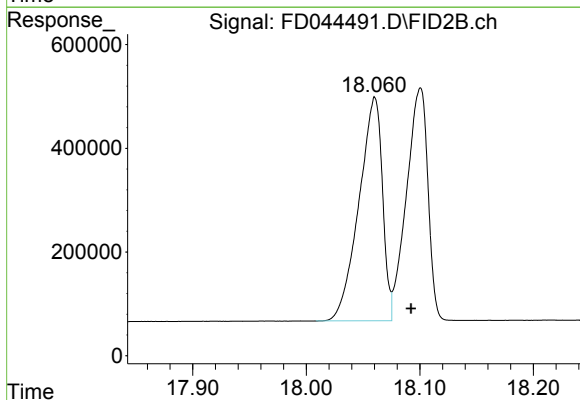
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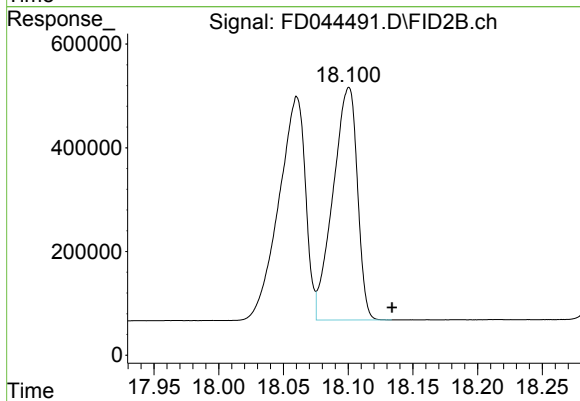
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.701 min
Delta R.T.: -0.033 min
Response: 5773790
Conc: 41.27 ug/ml



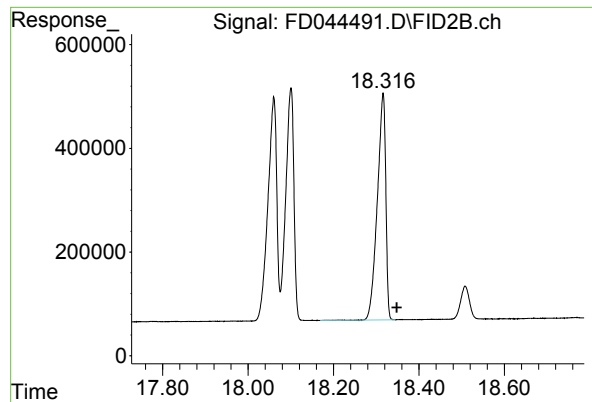
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.060 min
Delta R.T.: -0.033 min
Response: 6197111
Conc: 45.45 ug/ml m



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

R.T.: 18.100 min
Delta R.T.: -0.034 min
Response: 5880344
Conc: 43.66 ug/ml



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

R.T.: 18.316 min
Delta R.T.: -0.032 min
Response: 5975941
Conc: 43.78 ug/ml

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