

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121422AR\
 Data File : FD044648.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2022 18:49
 Operator : YP/AJ
 Sample : PB149633BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149633BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2022
 Supervised By :Ankita Jodhani 12/15/2022

Integration File: autoint1.e
 Quant Time: Dec 15 03:14:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

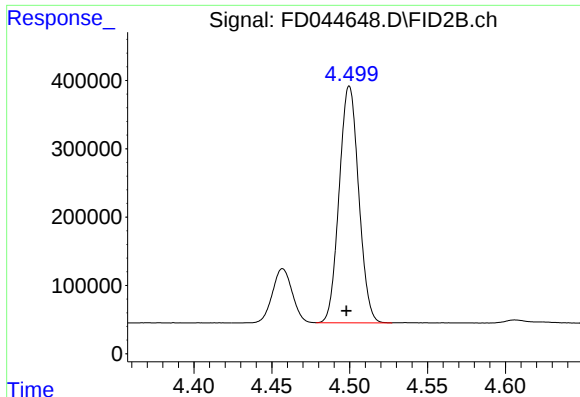
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.681	5835907	44.968 ug/ml
Spiked Amount 50.000		Recovery =	89.94%
6) S 2-Fluorobiphenyl (SURR)	8.537	2509044	28.410 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	56.82%
11) S ortho-Terphenyl (SURR)	11.568	7072085	43.455 ug/ml
Spiked Amount 50.000		Recovery =	86.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	3021375	21.172 ug/mlm
2) T Naphthalene (C11.7)	6.028	4046509	26.913 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	4220447	27.933 ug/ml
5) T Acenaphthylene (C15.06)	8.343	5413613	38.942 ug/ml
7) T Acenaphthene (C15.5)	8.637	4989077	33.996 ug/ml
8) T Flouorene (C16.55)	9.414	6254428	43.377 ug/ml
9) T Phenanthrene (C19.36)	10.804	6379632	44.737 ug/ml
10) T Anthracene (C19.43)	10.878	6262228	45.073 ug/ml
12) T Fluoranthene (C21.85)	12.606	6781668	47.571 ug/ml
13) T Pyrene (C20.8)	12.902	6508106	46.764 ug/ml
14) T Benzo[a]anthracene (C...	14.763	6904608	53.363 ug/ml
15) T Chrysene (C27.41)	14.807	7144525	52.995 ug/mlm
16) T benzo[b]fluoranthene ...	16.305	7283513	55.338 ug/ml
17) T Bnezo[k]fluoranthene ...	16.339	6685071	51.337 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.680	6221923	48.143 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	6797554	53.335 ug/ml
20) T Dibenz[a,h]anthracene...	18.076	6795376	54.008 ug/ml
21) T Benzo[g,h,i]perylene ...	18.292	6505738	50.582 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.499 min
Delta R.T.: 0.001 min
Response: 3021375
Conc: 21.17 ug/ml

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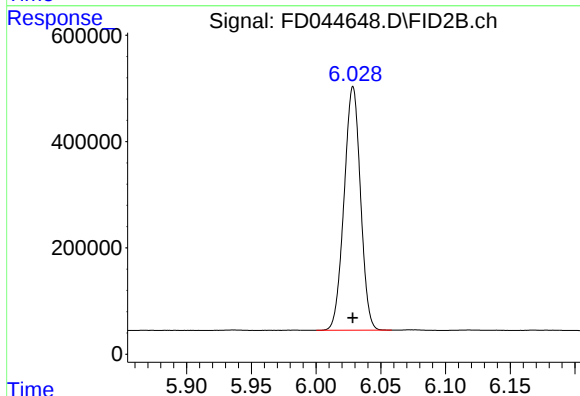
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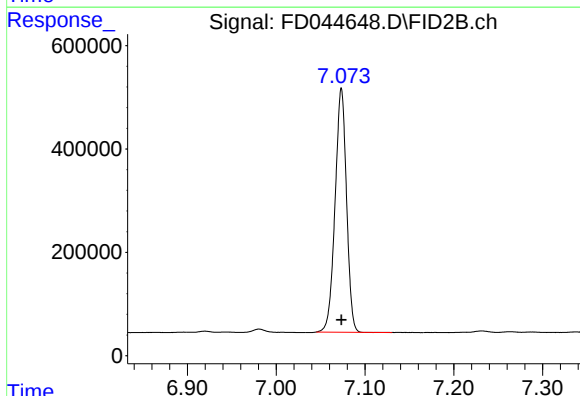
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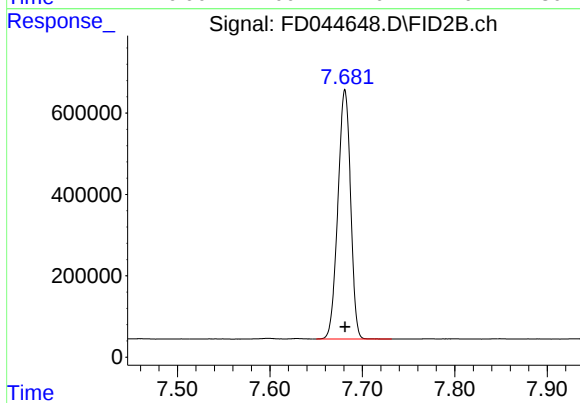
#2 Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 4046509
Conc: 26.91 ug/ml



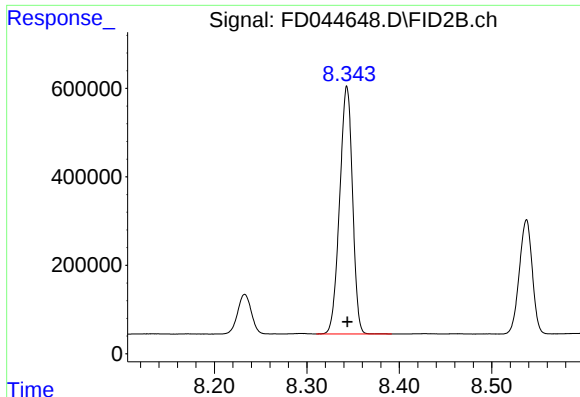
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 4220447
Conc: 27.93 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 5835907
Conc: 44.97 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.343 min
Delta R.T.: 0.000 min
Response: 5413613
Conc: 38.94 ug/ml

Instrument :

FID_D

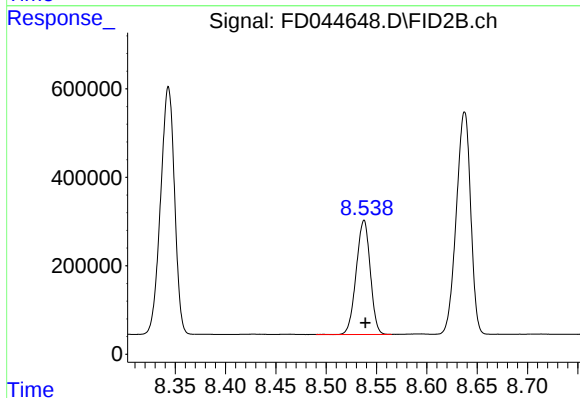
ClientSampleId :

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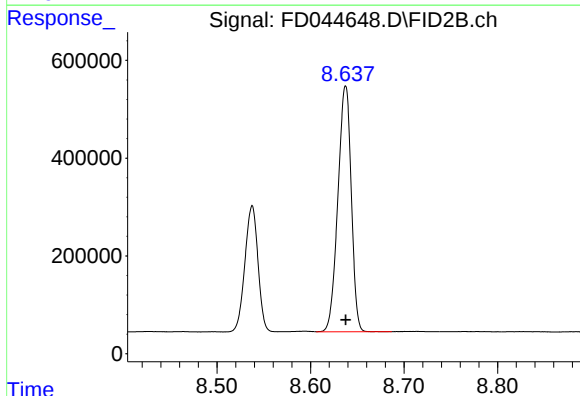
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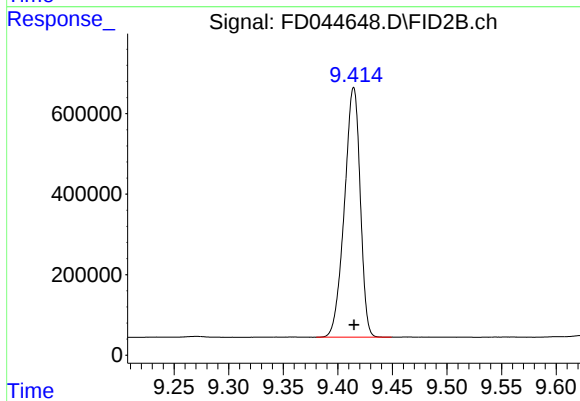
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.002 min
Response: 2509044
Conc: 28.41 ug/ml



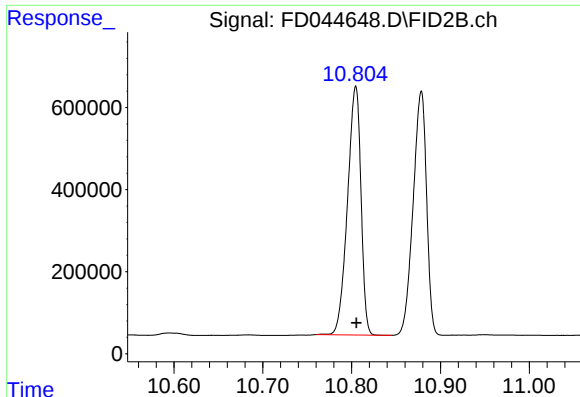
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 4989077
Conc: 34.00 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.414 min
Delta R.T.: 0.000 min
Response: 6254428
Conc: 43.38 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.804 min
Delta R.T.: -0.001 min
Response: 6379632
Conc: 44.74 ug/ml

Instrument :

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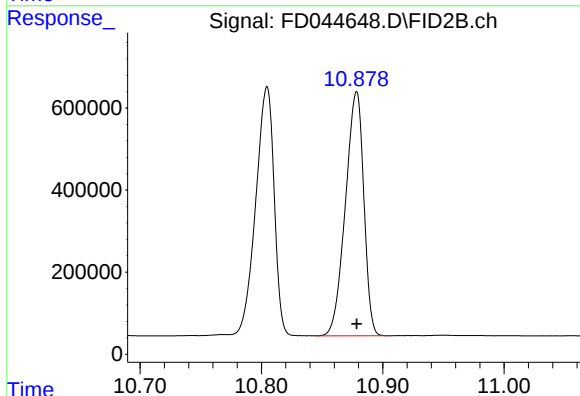
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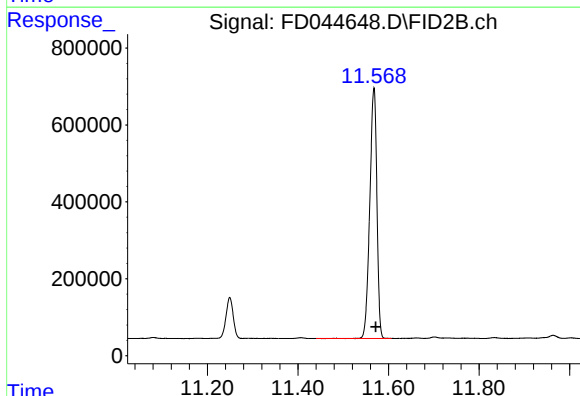
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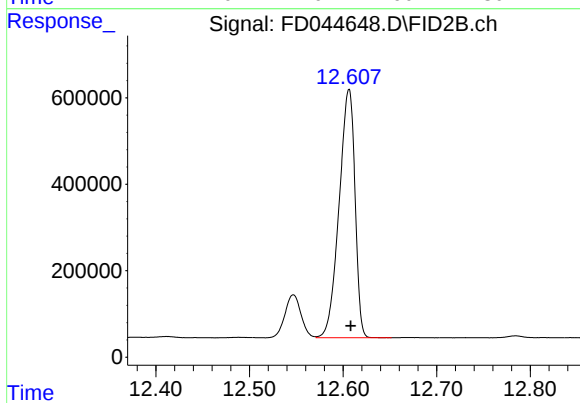
#10 Anthracene (C19.43)

R.T.: 10.878 min
Delta R.T.: 0.000 min
Response: 6262228
Conc: 45.07 ug/ml



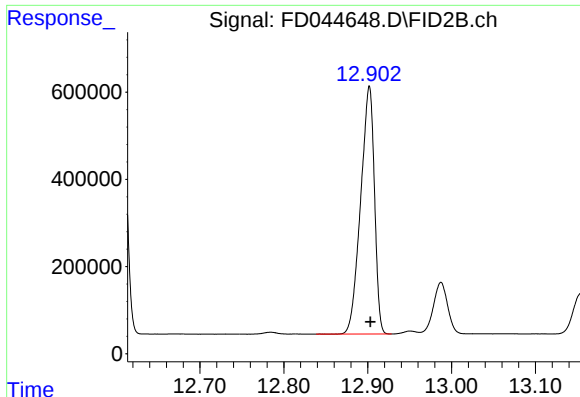
#11 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: -0.004 min
Response: 7072085
Conc: 43.46 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.606 min
Delta R.T.: -0.002 min
Response: 6781668
Conc: 47.57 ug/ml



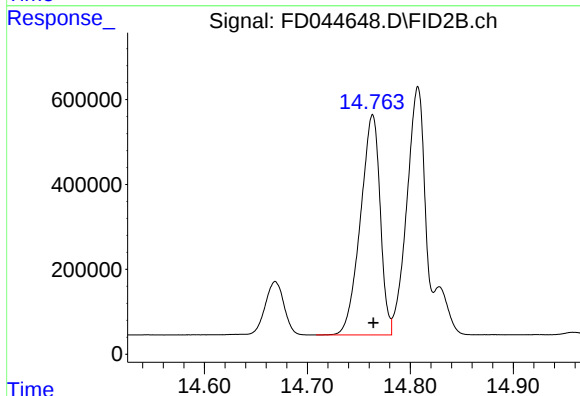
#13 Pyrene (C20.8)

R.T.: 12.902 min
Delta R.T.: -0.002 min
Response: 6508106
Conc: 46.76 ug/ml

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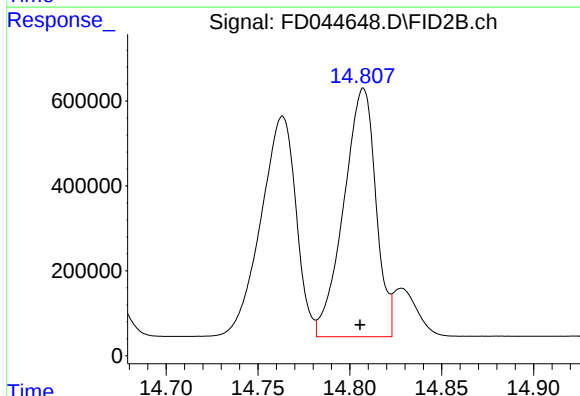
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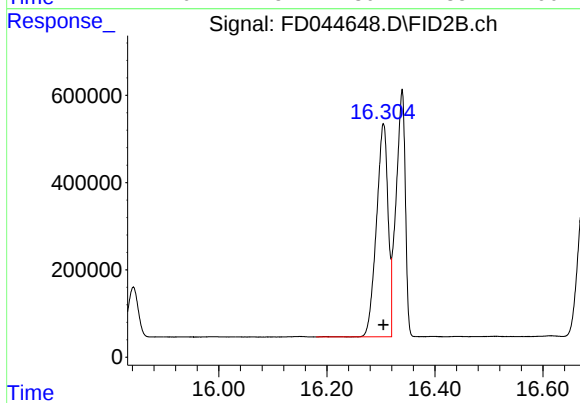
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.763 min
Delta R.T.: -0.001 min
Response: 6904608
Conc: 53.36 ug/ml



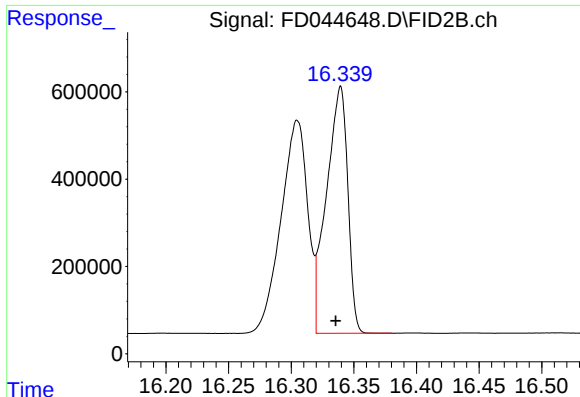
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: 0.001 min
Response: 7144525
Conc: 52.99 ug/ml m



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

R.T.: 16.305 min
Delta R.T.: 0.000 min
Response: 7283513
Conc: 55.34 ug/ml



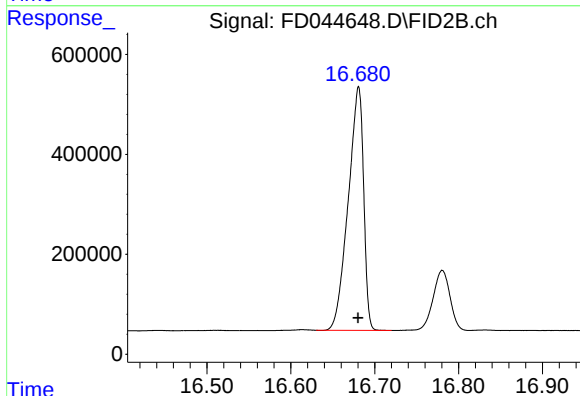
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.339 min
Delta R.T.: 0.003 min
Response: 6685071
Conc: 51.34 ug/ml

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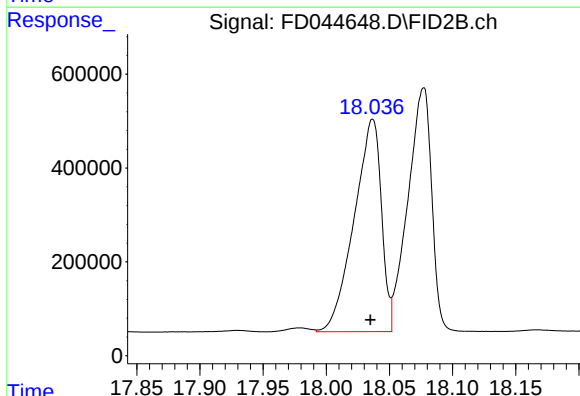
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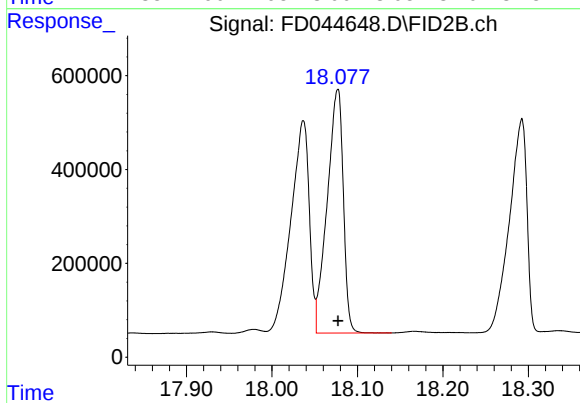
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.680 min
Delta R.T.: 0.000 min
Response: 6221923
Conc: 48.14 ug/ml



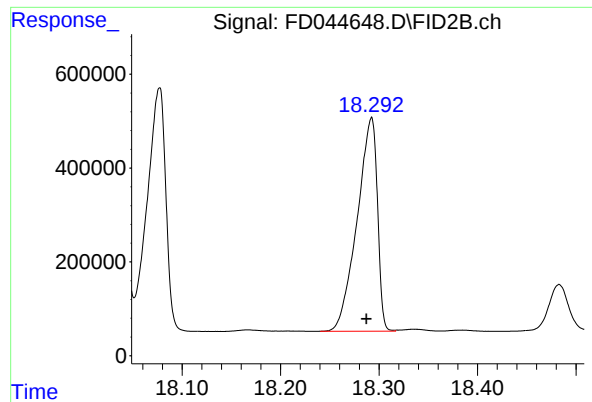
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: 0.001 min
Response: 6797554
Conc: 53.34 ug/ml



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

R.T.: 18.076 min
Delta R.T.: -0.001 min
Response: 6795376
Conc: 54.01 ug/ml



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

R.T.: 18.292 min
Delta R.T.: 0.004 min
Response: 6505738
Conc: 50.58 ug/ml

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