

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044688.D
 Signal(s) : FID2B.ch
 Acq On : 23 Dec 2022 16:55
 Operator : YP/AJ
 Sample : PB149873BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB149873BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/27/2022

Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e

Quant Time: Dec 23 18:08:35 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

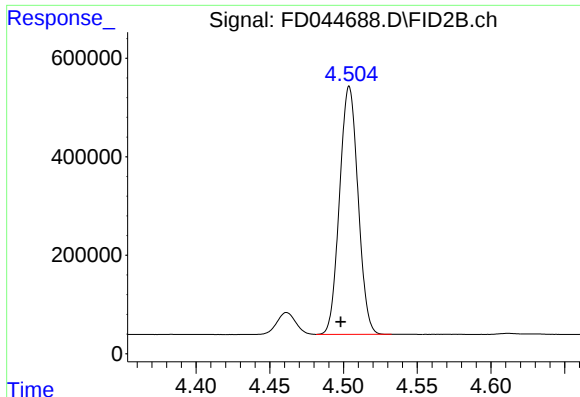
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.685	6109663	47.077 ug/ml
Spiked Amount 50.000		Recovery =	94.15%
6) S 2-Fluorobiphenyl (SURR)	8.543	3964403	44.888 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.78%
11) S ortho-Terphenyl (SURR)	11.570	5826855	35.804 ug/ml
Spiked Amount 50.000		Recovery =	71.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.504	4394729	30.796 ug/mlm
2) T Naphthalene (C11.7)	6.033	5623194	37.400 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	5288124	35.000 ug/ml
5) T Acenaphthylene (C15.06)	8.348	6085992	43.779 ug/ml
7) T Acenaphthene (C15.5)	8.642	5551896	37.831 ug/ml
8) T Flouorene (C16.55)	9.418	6037148	41.870 ug/ml
9) T Phenanthrene (C19.36)	10.807	6366817	44.647 ug/ml
10) T Anthracene (C19.43)	10.882	6260976	45.064 ug/ml
12) T Fluoranthene (C21.85)	12.609	6614898	46.401 ug/ml
13) T Pyrene (C20.8)	12.905	6402145	46.003 ug/ml
14) T Benzo[a]anthracene (C...	14.765	6488100	50.144 ug/ml
15) T Chrysene (C27.41)	14.810	6781214	50.300 ug/ml
16) T benzo[b]fluoranthene ...	16.307	6623255	50.321 ug/ml
17) T Bnezo[k]fluoranthene ...	16.342	6246646	47.970 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.683	5782641	44.744 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	5753294	45.142 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	5707467	45.361 ug/ml
21) T Benzo[g,h,i]perylene ...	18.293	5646638	43.902 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.504 min
Delta R.T.: 0.006 min
Response: 4394729
Conc: 30.80 ug/ml

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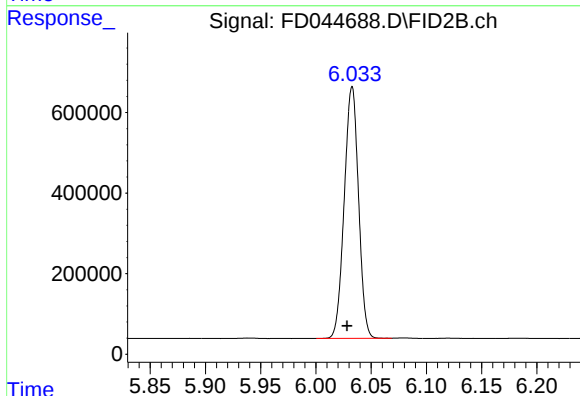
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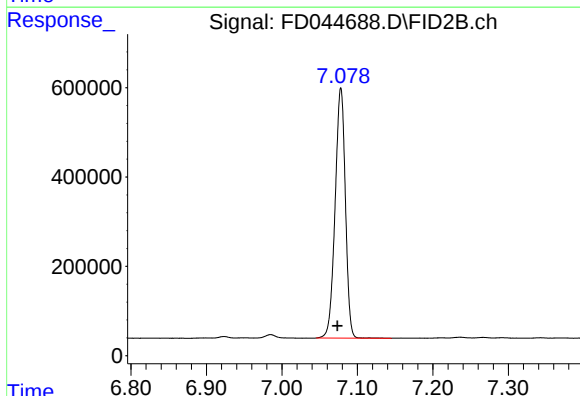
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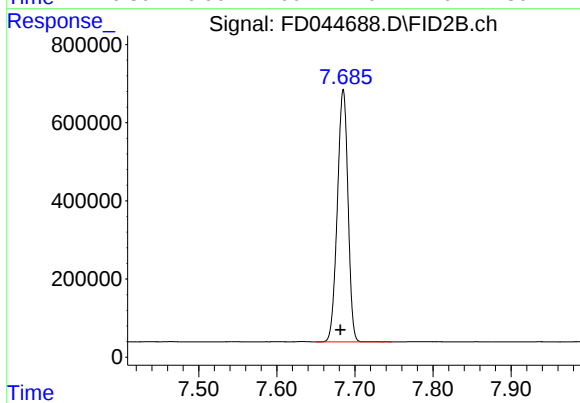
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: 0.004 min
Response: 5623194
Conc: 37.40 ug/ml



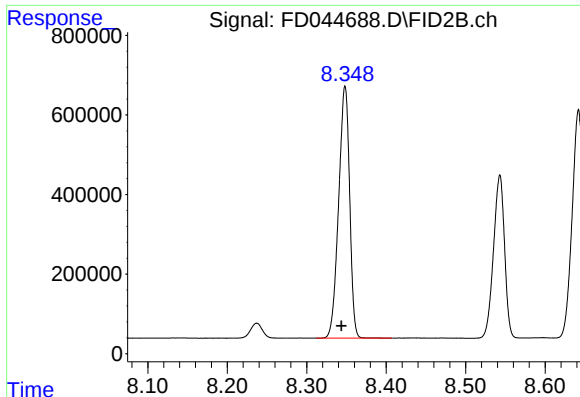
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: 0.004 min
Response: 5288124
Conc: 35.00 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.685 min
Delta R.T.: 0.003 min
Response: 6109663
Conc: 47.08 ug/ml



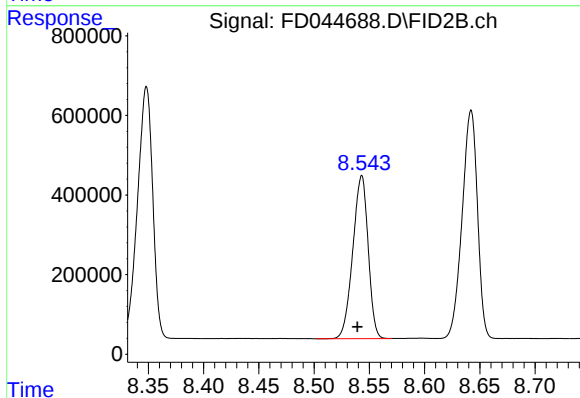
#5 Acenaphthylene (C15.06)

R.T.: 8.348 min
Delta R.T.: 0.004 min
Response: 6085992
Conc: 43.78 ug/ml

Instrument :
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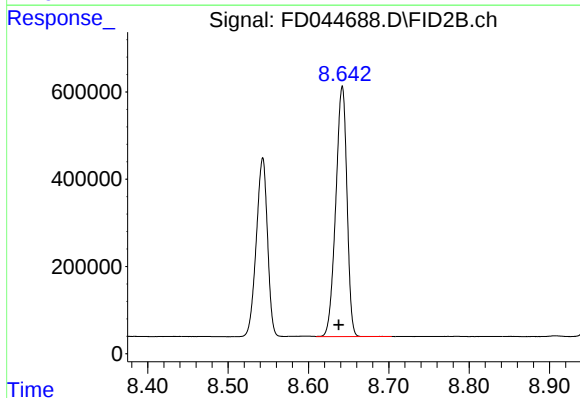
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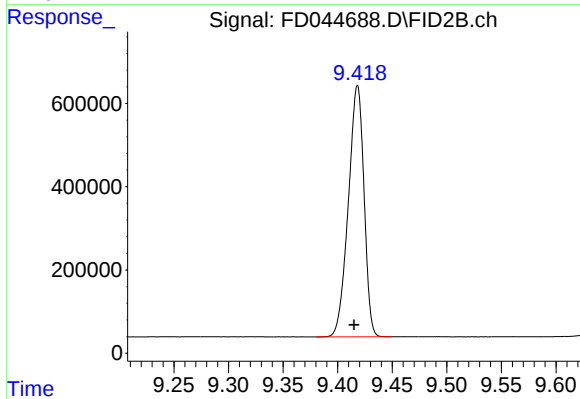
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.543 min
Delta R.T.: 0.004 min
Response: 3964403
Conc: 44.89 ug/ml



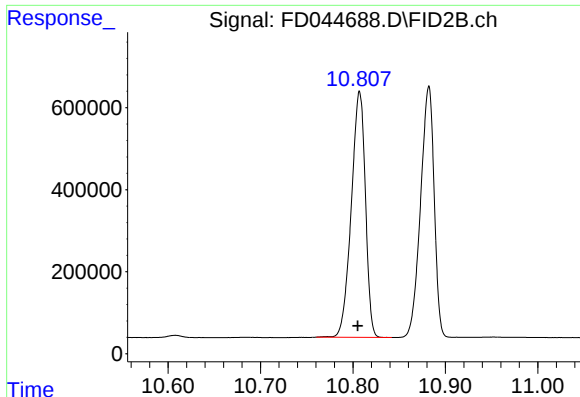
#7 Acenaphthene (C15.5)

R.T.: 8.642 min
Delta R.T.: 0.004 min
Response: 5551896
Conc: 37.83 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.418 min
Delta R.T.: 0.003 min
Response: 6037148
Conc: 41.87 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.807 min
Delta R.T.: 0.002 min
Response: 6366817
Conc: 44.65 ug/ml

Instrument :

FID_D

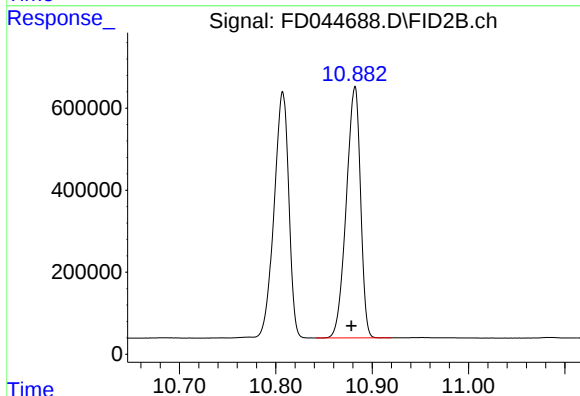
ClientSampleId :

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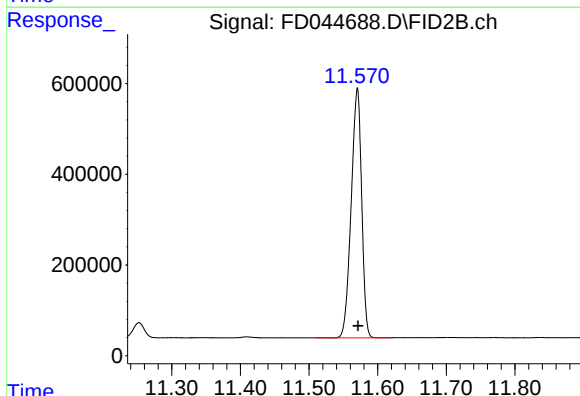
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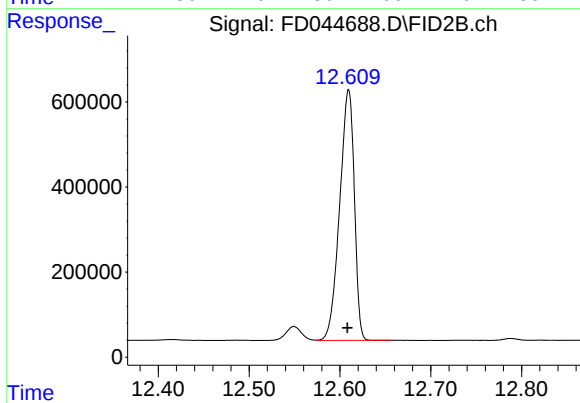
#10 Anthracene (C19.43)

R.T.: 10.882 min
Delta R.T.: 0.003 min
Response: 6260976
Conc: 45.06 ug/ml



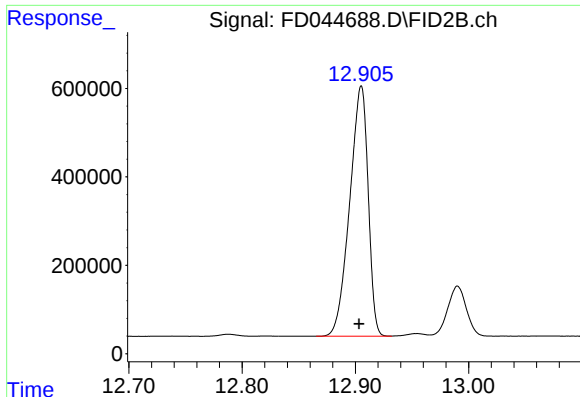
#11 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: -0.002 min
Response: 5826855
Conc: 35.80 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.609 min
Delta R.T.: 0.001 min
Response: 6614898
Conc: 46.40 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.905 min
Delta R.T.: 0.002 min
Response: 6402145
Conc: 46.00 ug/ml

Instrument :

FID_D

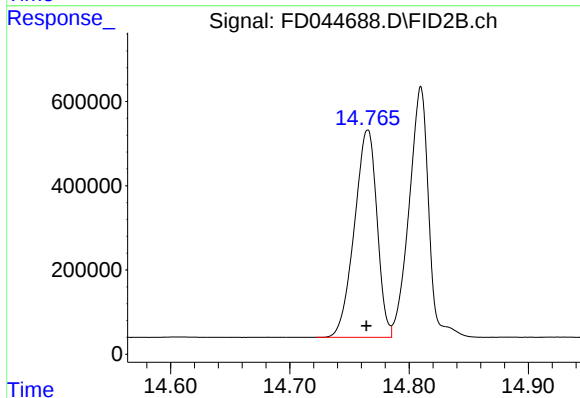
ClientSampleId :

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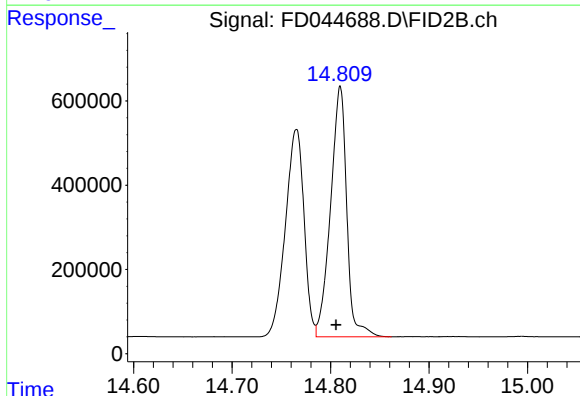
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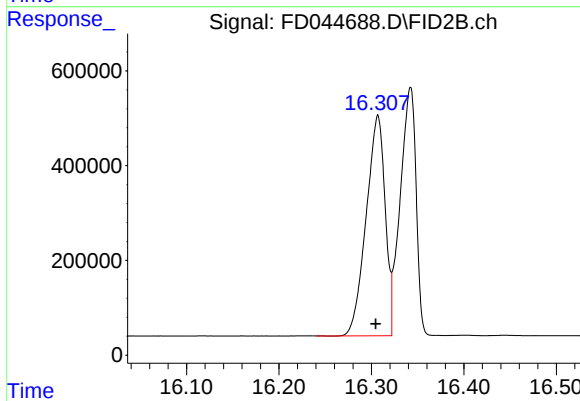
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: 0.000 min
Response: 6488100
Conc: 50.14 ug/ml



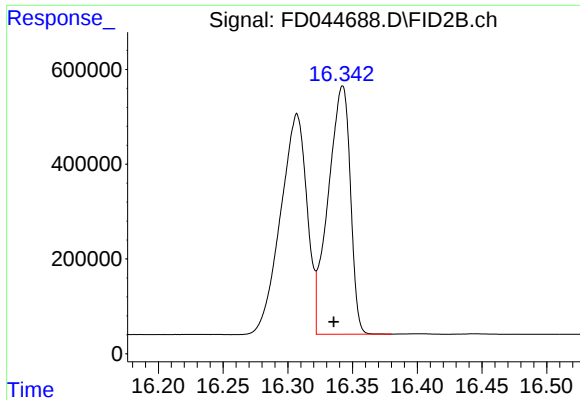
#15 Chrysene (C27.41)

R.T.: 14.810 min
Delta R.T.: 0.004 min
Response: 6781214
Conc: 50.30 ug/ml



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

R.T.: 16.307 min
Delta R.T.: 0.002 min
Response: 6623255
Conc: 50.32 ug/ml



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

R.T.: 16.342 min
Delta R.T.: 0.006 min
Response: 6246646
Conc: 47.97 ug/ml

Instrument :

FID_D

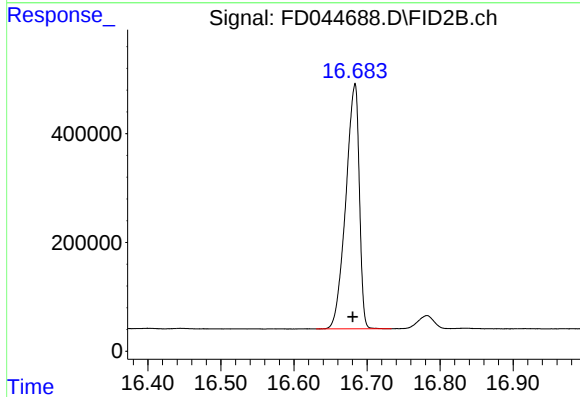
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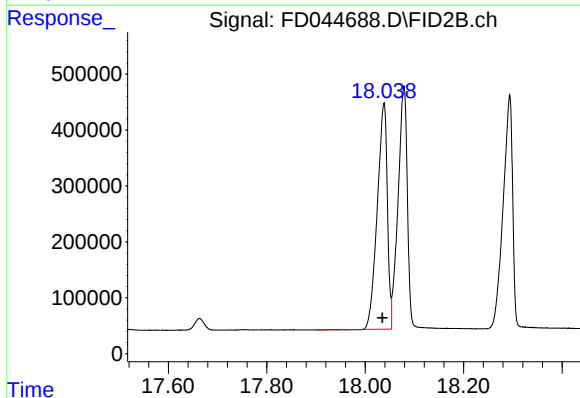
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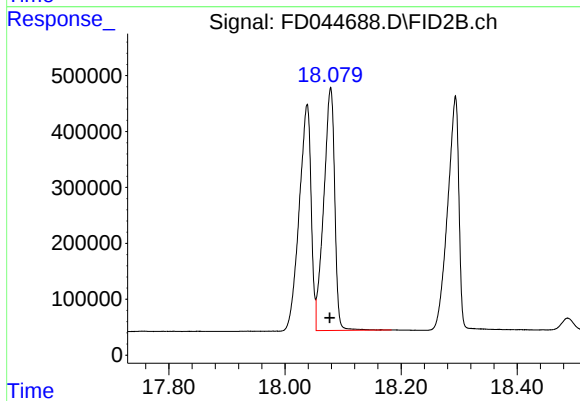
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.683 min
Delta R.T.: 0.002 min
Response: 5782641
Conc: 44.74 ug/ml



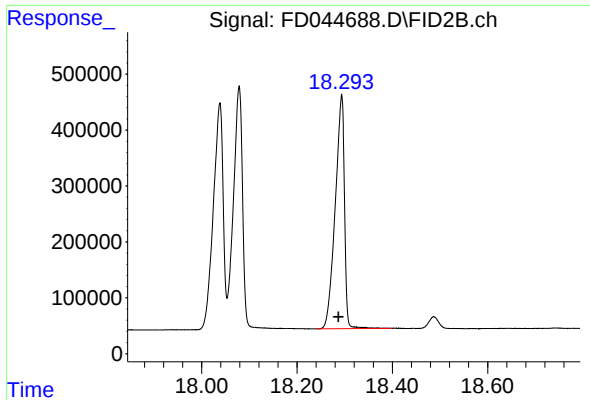
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: 0.003 min
Response: 5753294
Conc: 45.14 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 5707467
Conc: 45.36 ug/ml



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

R.T.: 18.293 min
Delta R.T.: 0.006 min
Response: 5646638
Conc: 43.90 ug/ml

Instrument :

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