

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045424.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 01:05
 Operator : YP/AJ
 Sample : 02139-01MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WASTE MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/07/2023

Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e

Quant Time: Apr 07 07:15:05 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M

Quant Title : GC Extractables

QLast Update : Tue Mar 28 05:56:14 2023

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

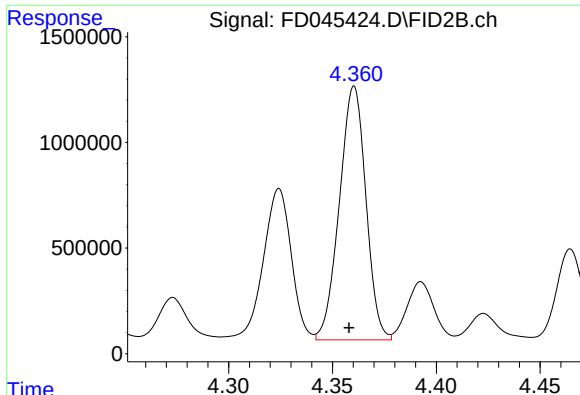
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.570	16965188	123.825 ug/mlm
Spiked Amount 50.000		Recovery =	247.65%
6) S 2-Fluorobiphenyl (SURR)	8.432	12428802	138.641 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	277.28%#
11) S ortho-Terphenyl (SURR)	11.467	10227803	58.786 ug/mlm
Spiked Amount 50.000		Recovery =	117.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	10671396	68.502 ug/ml
2) T Naphthalene (C11.7)	5.898	9765829	60.767 ug/mlm
3) T 2-Methylnaphthalene (...)	6.972	47878844	299.093 ug/mlm
5) T Acenaphthylene (C15.06)	8.233	27313143	186.546 ug/mlm
7) T Acenaphthene (C15.5)	8.529	12740882	82.143 ug/mlm
8) T Flouorene (C16.55)	9.314	9629543	64.938 ug/mlm
9) T Phenanthrene (C19.36)	10.703	12024337	83.009 ug/mlm
10) T Anthracene (C19.43)	10.779	12028951	87.024 ug/mlm
12) T Fluoranthene (C21.85)	12.455	12746877	88.599 ug/mlm
13) T Pyrene (C20.8)	12.802	9378768	66.706 ug/mlm
14) T Benzo[a]anthracene (C...	14.650	5410152	42.187 ug/mlm
15) T Chrysene (C27.41)	14.692	5018958	37.850 ug/mlm
16) T benzo[b]fluoranthene ...	16.187	5245945	40.384 ug/ml
17) T Bnezo[k]fluoranthene ...	16.220	5154361	40.696 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	4607588	36.647 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	4658508	39.359 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	4719046	39.611 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	4833810	38.699 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.360 min
Delta R.T.: 0.002 min
Response: 10671396
Conc: 68.50 ug/ml

Instrument :

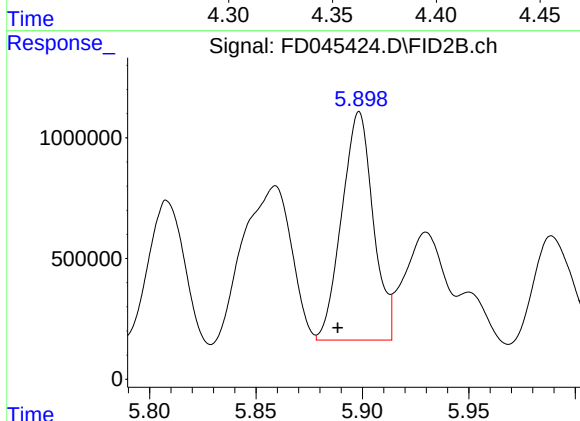
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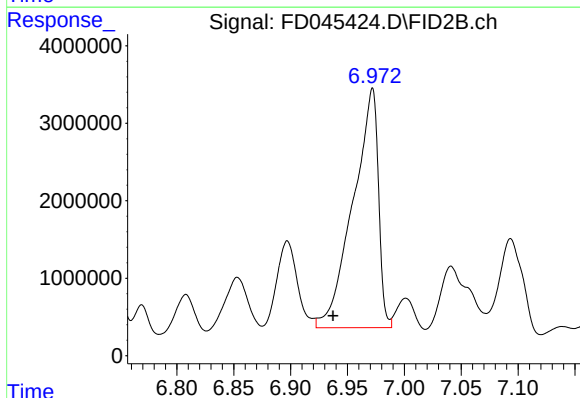
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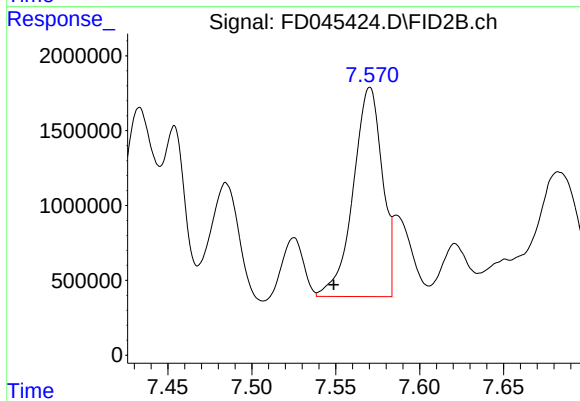
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: 0.010 min
Response: 9765829
Conc: 60.77 ug/ml m



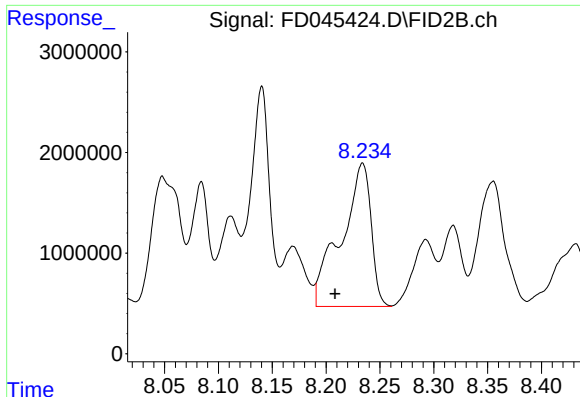
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.972 min
Delta R.T.: 0.034 min
Response: 47878844
Conc: 299.09 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.570 min
Delta R.T.: 0.021 min
Response: 16965188
Conc: 123.83 ug/ml m



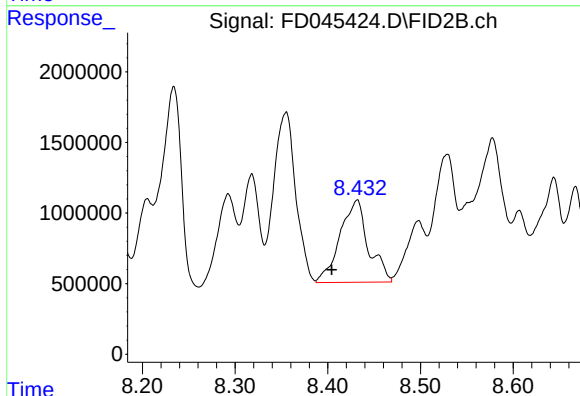
#5 Acenaphthylene (C15.06)

R.T.: 8.233 min
Delta R.T.: 0.025 min
Response: 27313143
Conc: 186.55 ug/ml

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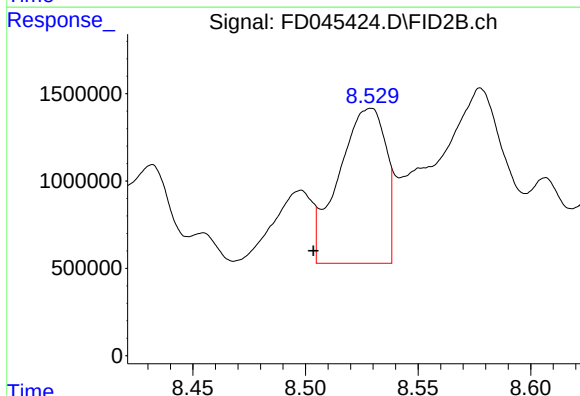
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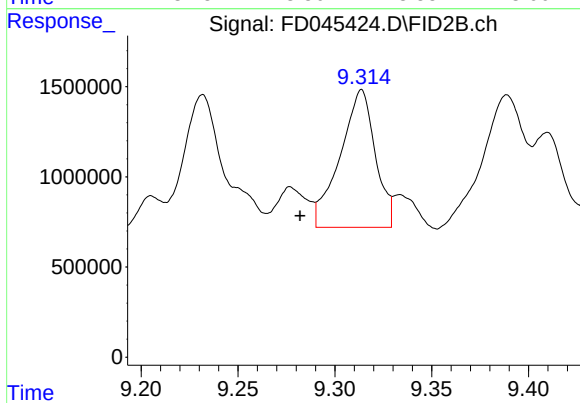
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.432 min
Delta R.T.: 0.028 min
Response: 12428802
Conc: 138.64 ug/ml m



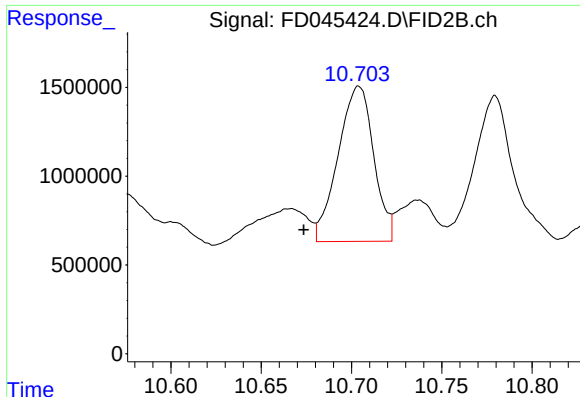
#7 Acenaphthene (C15.5)

R.T.: 8.529 min
Delta R.T.: 0.025 min
Response: 12740882
Conc: 82.14 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.314 min
Delta R.T.: 0.032 min
Response: 9629543
Conc: 64.94 ug/ml m



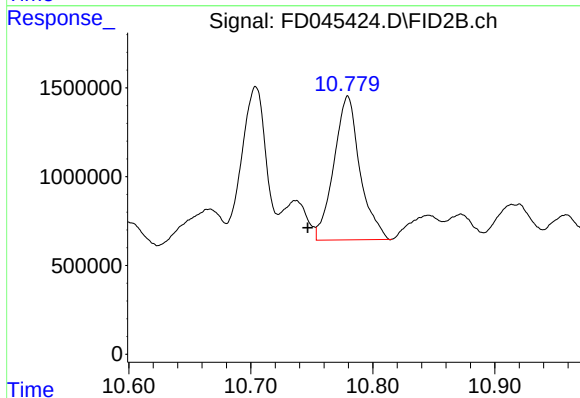
#9 Phenanthrene (C19.36)

R.T.: 10.703 min
Delta R.T.: 0.030 min
Response: 12024337
Conc: 83.01 ug/ml

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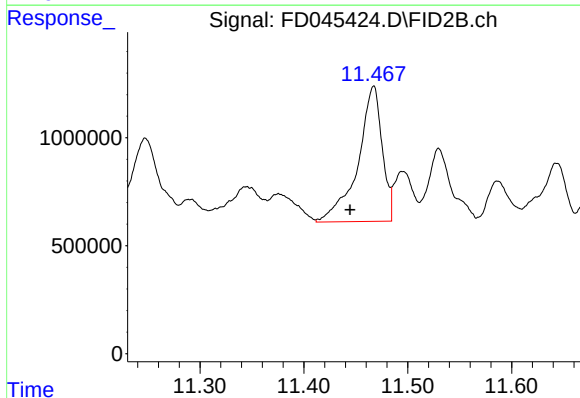
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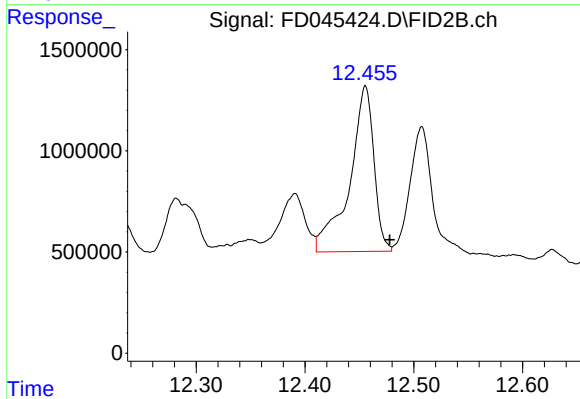
#10 Anthracene (C19.43)

R.T.: 10.779 min
Delta R.T.: 0.032 min
Response: 12028951
Conc: 87.02 ug/ml m



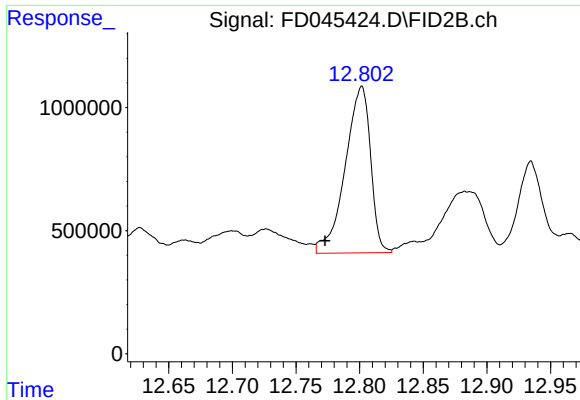
#11 ortho-Terphenyl (SURR)

R.T.: 11.467 min
Delta R.T.: 0.023 min
Response: 10227803
Conc: 58.79 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.455 min
Delta R.T.: -0.023 min
Response: 12746877
Conc: 88.60 ug/ml m



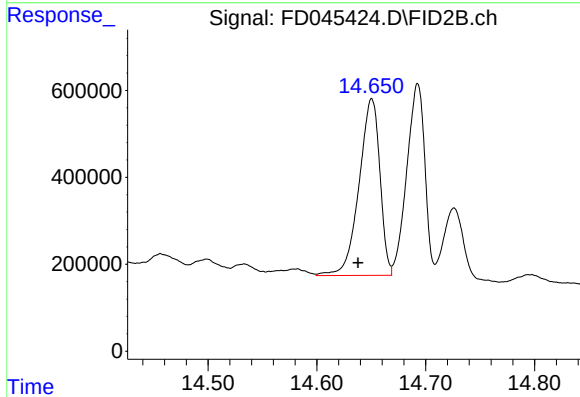
#13 Pyrene (C20.8)

R.T.: 12.802 min
Delta R.T.: 0.029 min
Response: 9378768
Conc: 66.71 ug/ml

Instrument :
FID_D
ClientSampleId :
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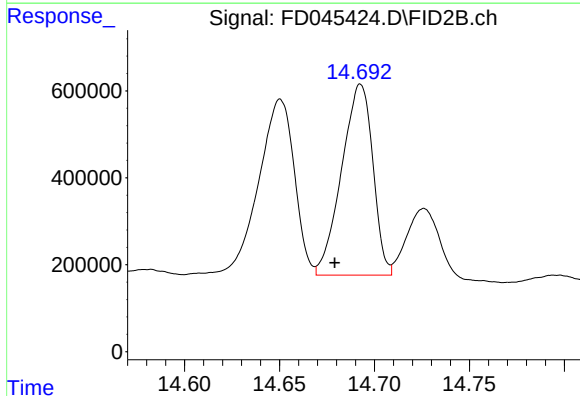
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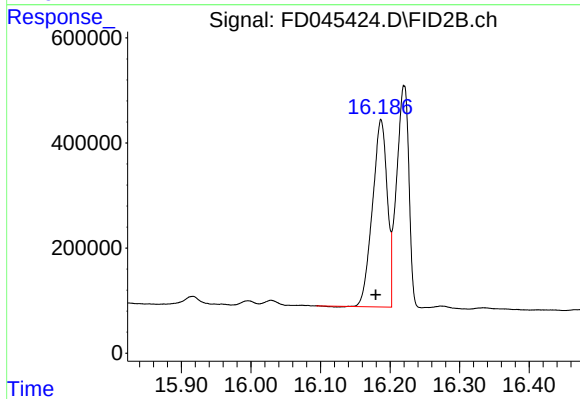
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: 0.012 min
Response: 5410152
Conc: 42.19 ug/ml m



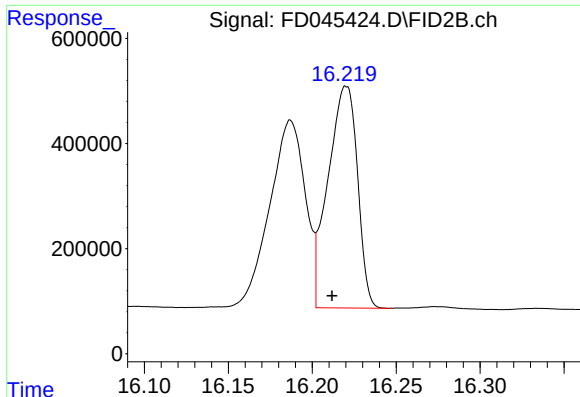
#15 Chrysene (C27.41)

R.T.: 14.692 min
Delta R.T.: 0.013 min
Response: 5018958
Conc: 37.85 ug/ml m



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

R.T.: 16.187 min
Delta R.T.: 0.007 min
Response: 5245945
Conc: 40.38 ug/ml



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

R.T.: 16.220 min
Delta R.T.: 0.008 min
Response: 5154361
Conc: 40.70 ug/ml

Instrument :

FID_D

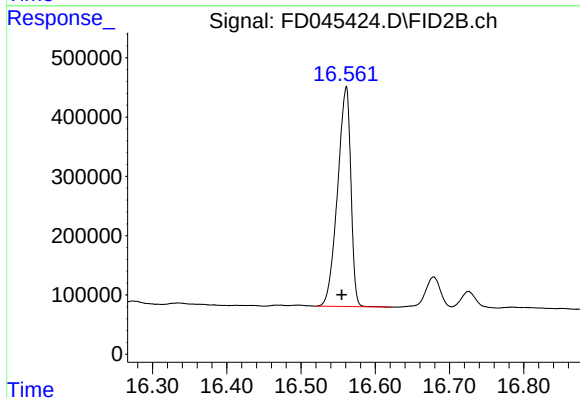
ClientSampleId :

WASTE MSD

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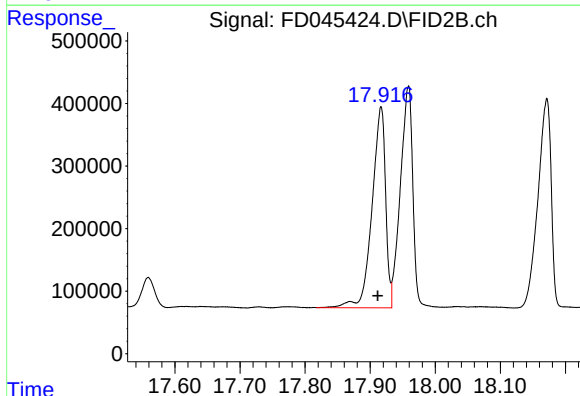
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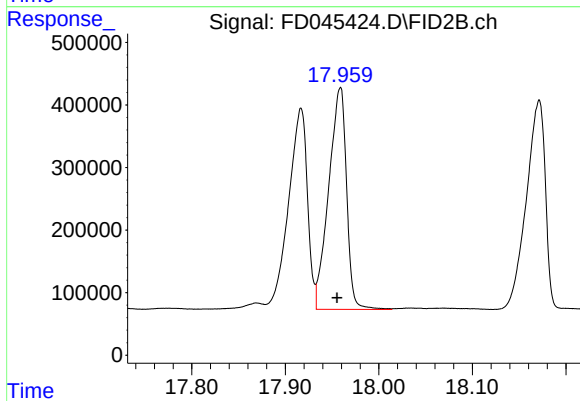
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.005 min
Response: 4607588
Conc: 36.65 ug/ml



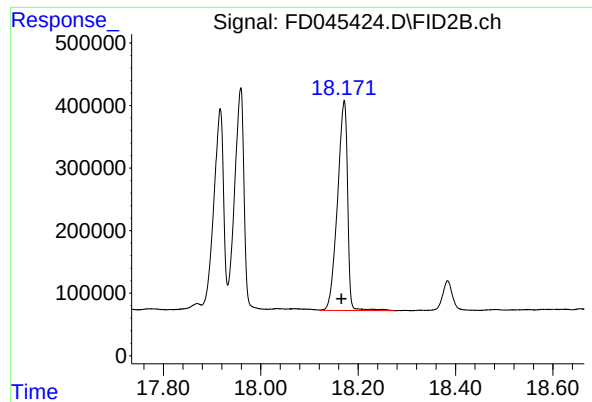
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.004 min
Response: 4658508
Conc: 39.36 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.003 min
Response: 4719046
Conc: 39.61 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.005 min
Response: 4833810
Conc: 38.70 ug/ml

Instrument :

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