

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047319.D
 Signal(s) : FID2B.ch
 Acq On : 26 Feb 2024 20:46
 Operator : YP/AJ
 Sample : P1538-07
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/04/2024
 Supervised By :mohammad ahmed 03/04/2024

Integration File: autoint1.e
 Quant Time: Feb 27 03:06:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 Response via : Initial Calibration
 Integrator: ChemStation

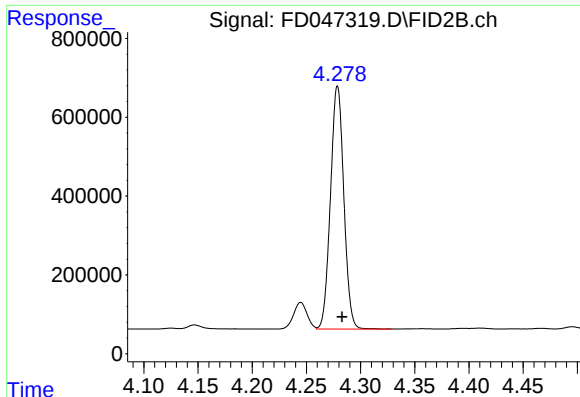
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.464	6310011	41.447 ug/mlm
Spiked Amount 50.000		Recovery =	82.89%
6) S 2-Fluorobiphenyl (SURR)	8.317	3781538	37.412 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.82%
11) S ortho-Terphenyl (SURR)	11.353	4998649	28.342 ug/ml
Spiked Amount 50.000		Recovery =	56.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	5292846	33.574 ug/ml
2) T Naphthalene (C11.7)	5.804	6586899	39.633 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	6993158	41.467 ug/ml
5) T Acenaphthylene (C15.06)	8.122	7391543	48.024 ug/ml
7) T Acenaphthene (C15.5)	8.417	7328008	44.458 ug/ml
8) T Flouorene (C16.55)	9.196	7601452	47.944 ug/ml
9) T Phenanthrene (C19.36)	10.584	7624937	49.080 ug/ml
10) T Anthracene (C19.43)	10.659	7484256	50.752 ug/ml
12) T Fluoranthene (C21.85)	12.388	7735465	49.961 ug/ml
13) T Pyrene (C20.8)	12.683	7697528	51.171 ug/ml
14) T Benzo[a]anthracene (C...	14.548	7128958	53.033 ug/ml
15) T Chrysene (C27.41)	14.592	7102177	48.501 ug/ml
16) T benzo[b]fluoranthene ...	16.092	6900503	50.118 ug/ml
17) T Bnezo[k]fluoranthene ...	16.126	6856294	49.412 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.467	6548597	48.373 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	6936061	54.941 ug/ml
20) T Dibenz[a,h]anthracene...	17.868	6413203	48.132 ug/ml
21) T Benzo[g,h,i]perylene ...	18.081	6309220	47.583 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.279 min
Delta R.T.: -0.004 min
Response: 5292846
Conc: 33.57 ug/ml

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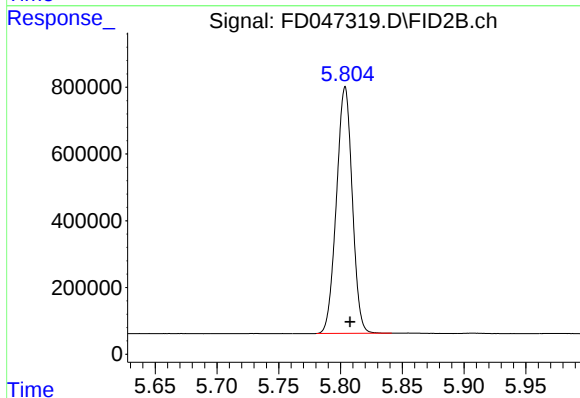
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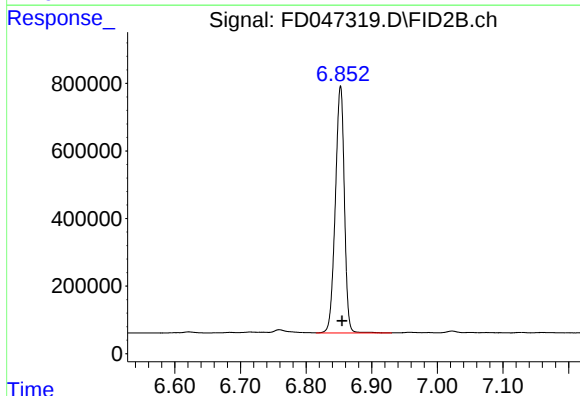
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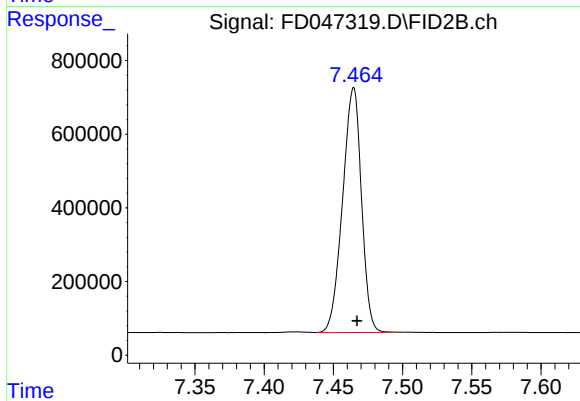
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 6586899
Conc: 39.63 ug/ml



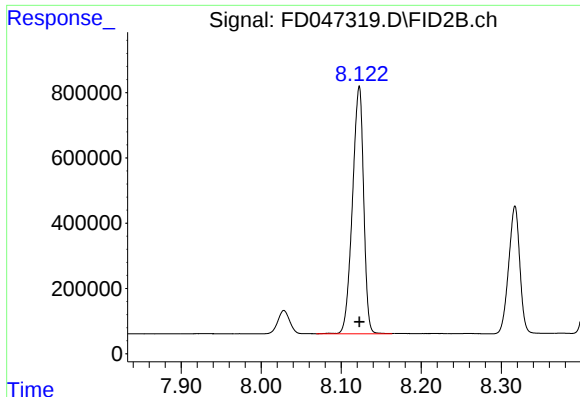
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 6993158
Conc: 41.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 6310011
Conc: 41.45 ug/ml m



#5 Acenaphthylene (C15.06)

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 7391543
Conc: 48.02 ug/ml

Instrument :

FID_D

ClientSampleId :

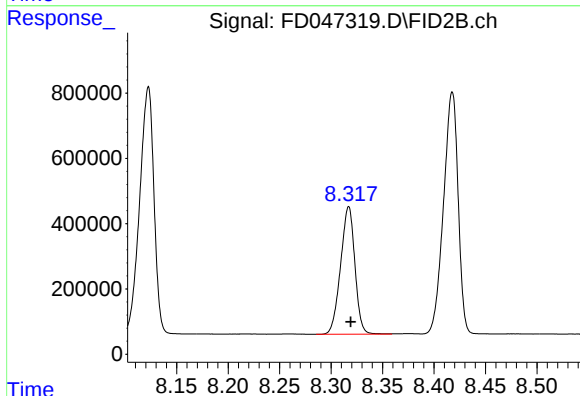
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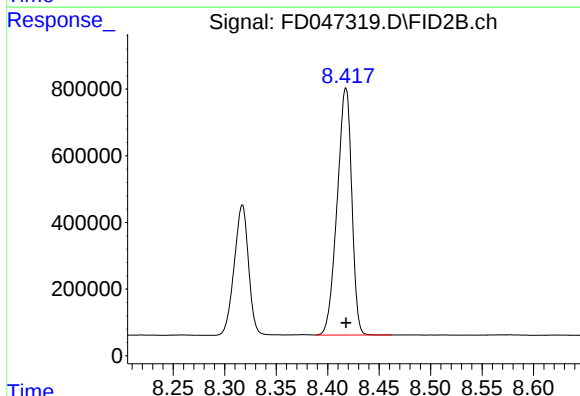
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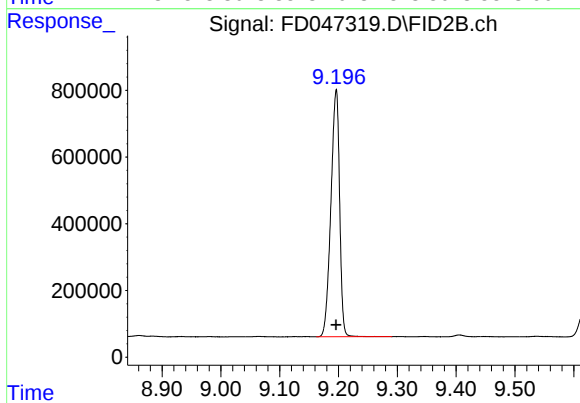
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 3781538
Conc: 37.41 ug/ml



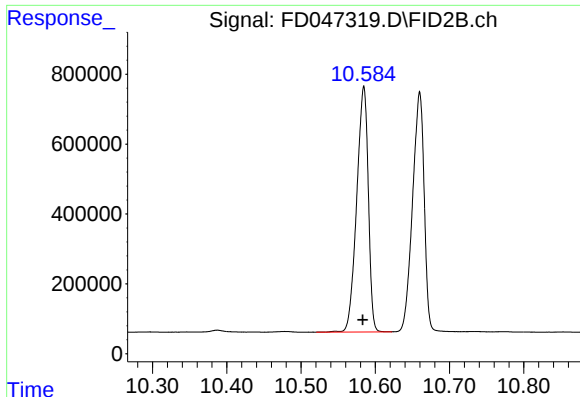
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 7328008
Conc: 44.46 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.196 min
Delta R.T.: 0.000 min
Response: 7601452
Conc: 47.94 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: 0.000 min
Response: 7624937
Conc: 49.08 ug/ml

Instrument :

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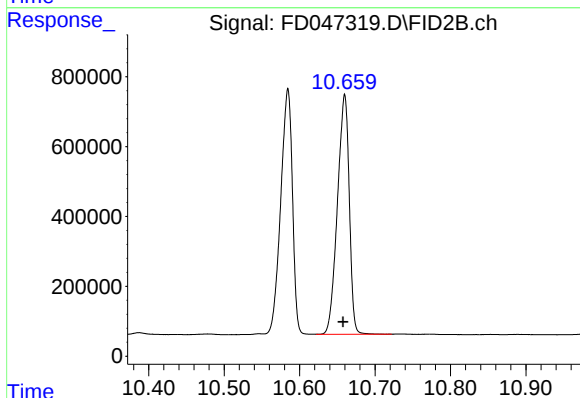
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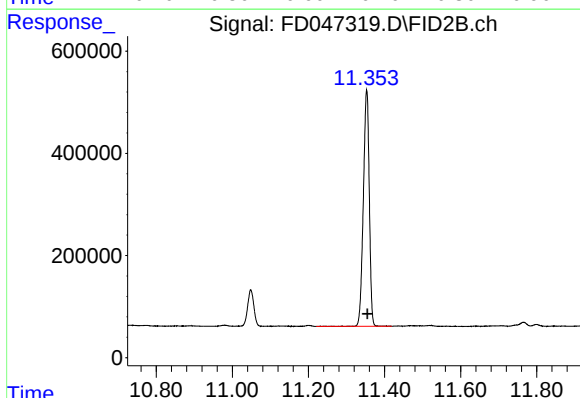
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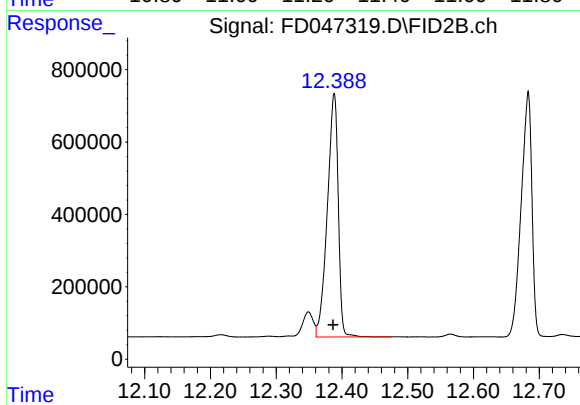
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.002 min
Response: 7484256
Conc: 50.75 ug/ml



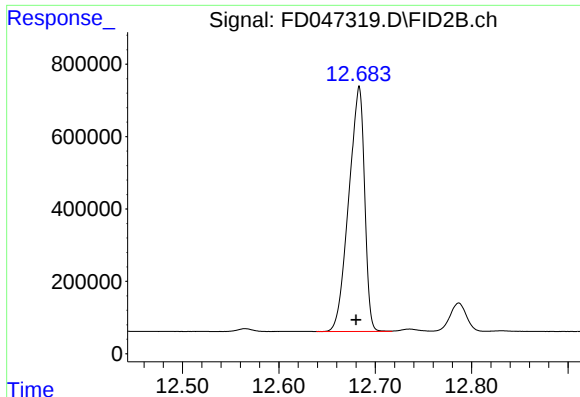
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: -0.002 min
Response: 4998649
Conc: 28.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.388 min
Delta R.T.: 0.002 min
Response: 7735465
Conc: 49.96 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.683 min
Delta R.T.: 0.003 min
Response: 7697528
Conc: 51.17 ug/ml

Instrument :

FID_D

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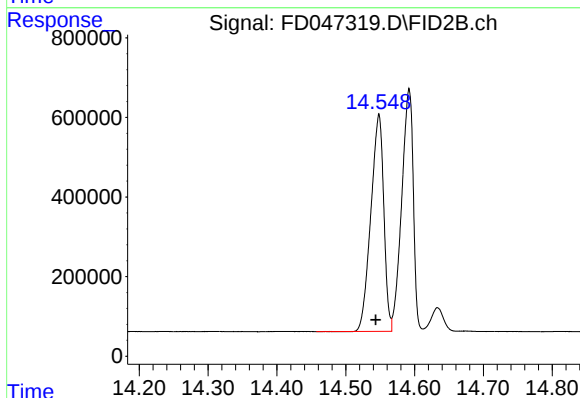
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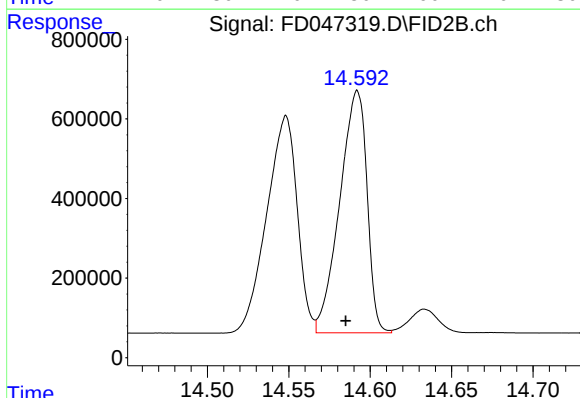
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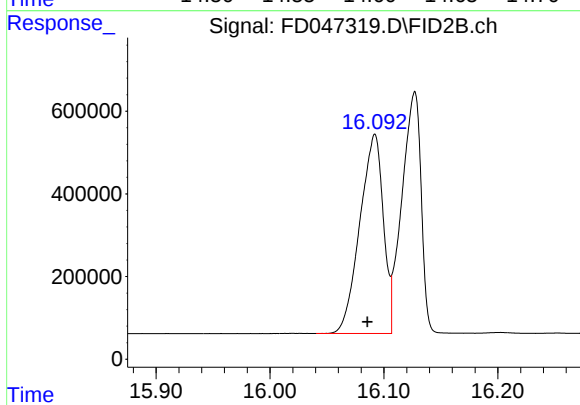
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.548 min
Delta R.T.: 0.004 min
Response: 7128958
Conc: 53.03 ug/ml



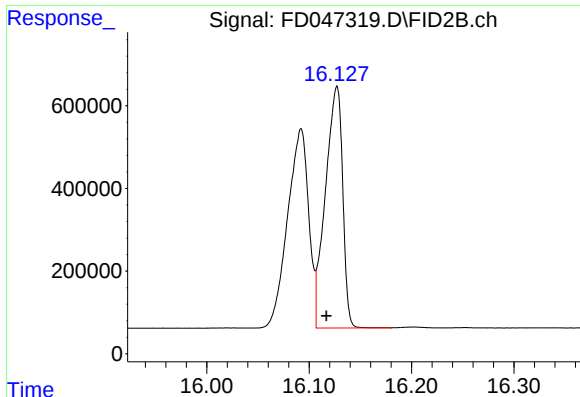
#15 Chrysene (C27.41)

R.T.: 14.592 min
Delta R.T.: 0.007 min
Response: 7102177
Conc: 48.50 ug/ml



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

R.T.: 16.092 min
Delta R.T.: 0.006 min
Response: 6900503
Conc: 50.12 ug/ml



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

R.T.: 16.126 min
Delta R.T.: 0.010 min
Response: 6856294
Conc: 49.41 ug/ml

Instrument :

FID_D

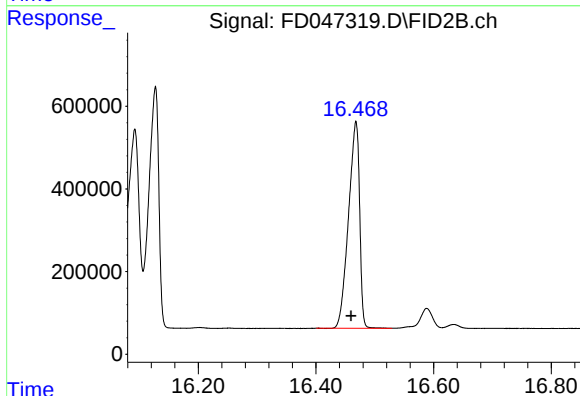
ClientSampleId :

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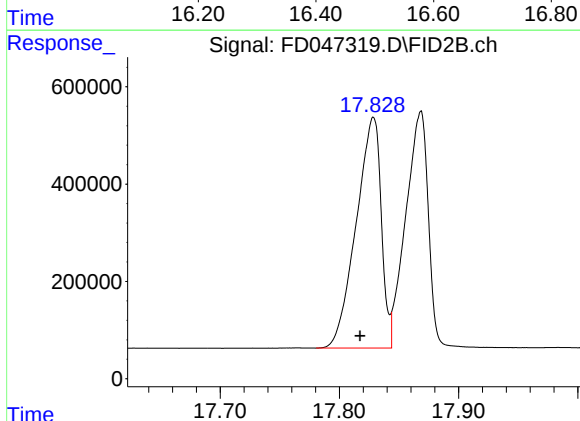
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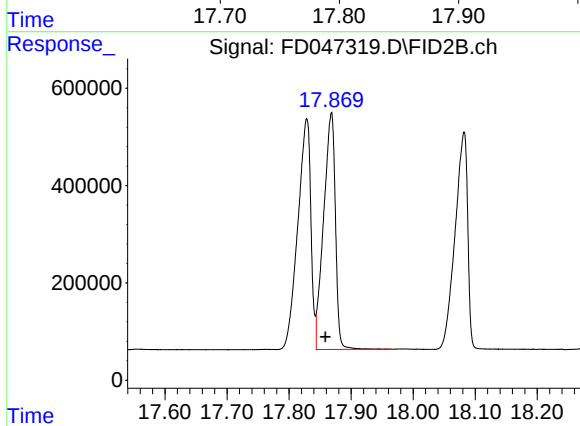
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.467 min
Delta R.T.: 0.008 min
Response: 6548597
Conc: 48.37 ug/ml



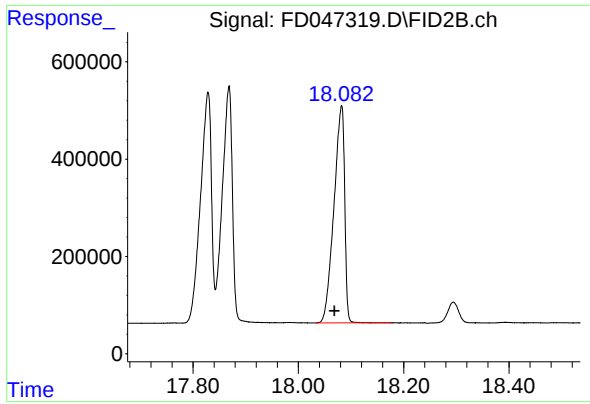
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.011 min
Response: 6936061
Conc: 54.94 ug/ml



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

R.T.: 17.868 min
Delta R.T.: 0.009 min
Response: 6413203
Conc: 48.13 ug/ml



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

R.T.: 18.081 min
Delta R.T.: 0.013 min
Response: 6309220
Conc: 47.58 ug/ml

Instrument :

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