

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022224AR\
 Data File : FD047292.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 04:41
 Operator : YP/AJ
 Sample : P1523-10MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MSD

Integration File: autoint1.e
 Quant Time: Feb 23 06:26:11 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

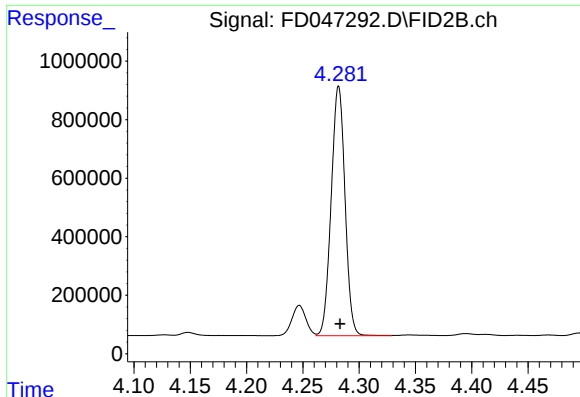
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.466	8238164	54.112 ug/ml
Spiked Amount 50.000		Recovery =	108.22%
6) S 2-Fluorobiphenyl (SURR)	8.319	4835407	47.838 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.68%
11) S ortho-Terphenyl (SURR)	11.358	7757412	43.984 ug/ml
Spiked Amount 50.000		Recovery =	87.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.282	7292848	46.260 ug/ml
2) T Naphthalene (C11.7)	5.806	8625356	51.898 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	8974320	53.215 ug/ml
5) T Acenaphthylene (C15.06)	8.124	9398040	61.060 ug/ml
7) T Acenaphthene (C15.5)	8.420	9229748	55.995 ug/ml
8) T Flouorene (C16.55)	9.201	9499402	59.915 ug/ml
9) T Phenanthrene (C19.36)	10.589	9326400	60.032 ug/ml
10) T Anthracene (C19.43)	10.664	9286822	62.976 ug/ml
12) T Fluoranthene (C21.85)	12.393	9360602	60.457 ug/ml
13) T Pyrene (C20.8)	12.688	9376348	62.331 ug/ml
14) T Benzo[a]anthracene (C...	14.553	8748565	65.082 ug/ml
15) T Chrysene (C27.41)	14.598	8633910	58.962 ug/ml
16) T benzo[b]fluoranthene ...	16.098	8393368	60.961 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	8328666	60.023 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.473	7949394	58.721 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	8659724	68.594 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	7728116	58.001 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	7636178	57.590 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

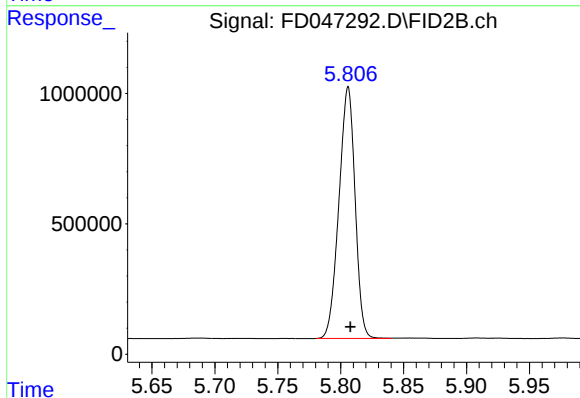
R.T.: 4.282 min
Delta R.T.: -0.001 min
Response: 7292848
Conc: 46.26 ug/ml

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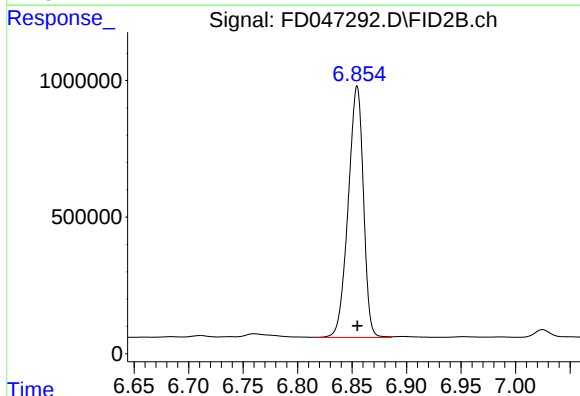
ClientSampleId :

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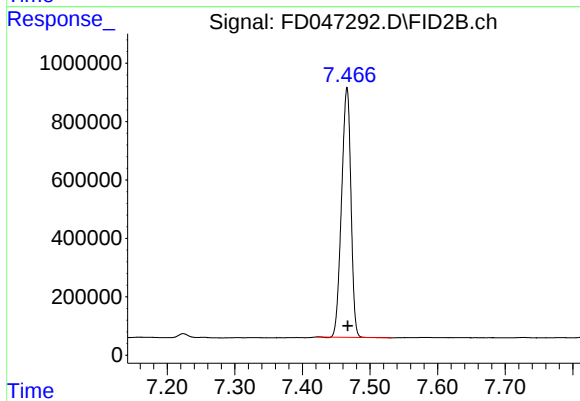
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 8625356
Conc: 51.90 ug/ml



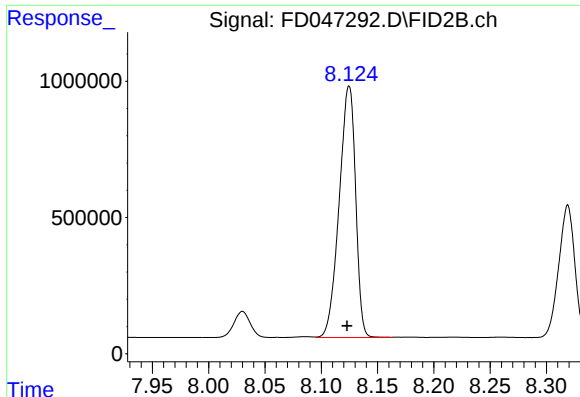
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 8974320
Conc: 53.22 ug/ml



#4 2-Bromonaphthalene (SURR)

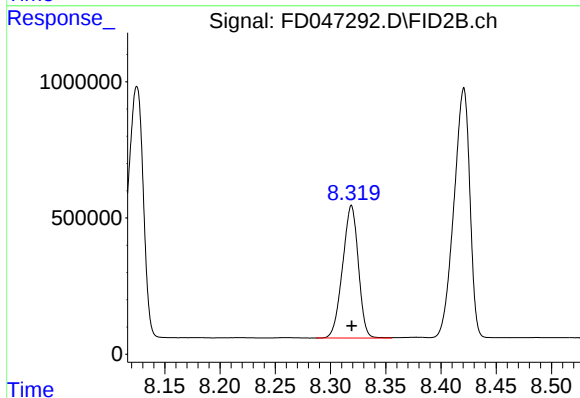
R.T.: 7.466 min
Delta R.T.: -0.001 min
Response: 8238164
Conc: 54.11 ug/ml



#5 Acenaphthylene (C15.06)

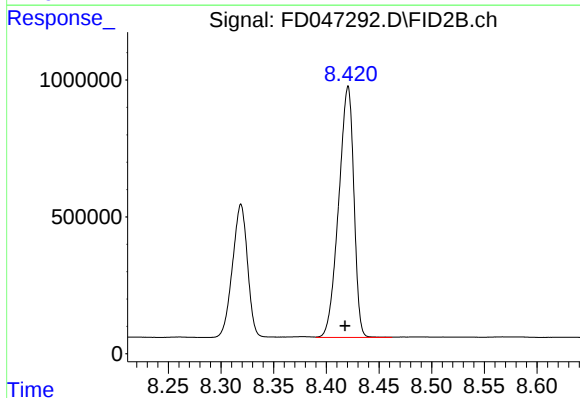
R.T.: 8.124 min
Delta R.T.: 0.002 min
Response: 9398040
Conc: 61.06 ug/ml

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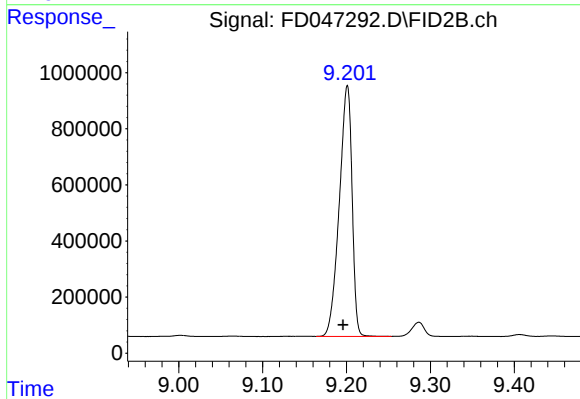
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 4835407
Conc: 47.84 ug/ml



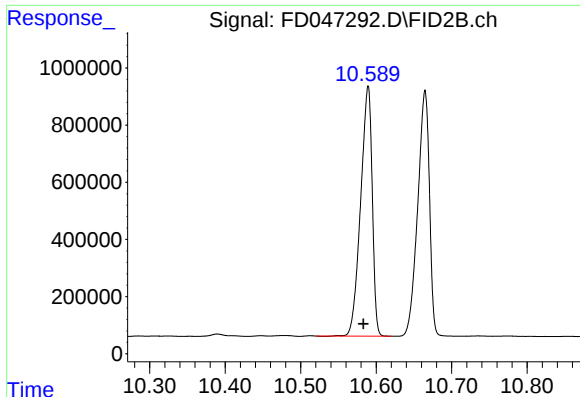
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.002 min
Response: 9229748
Conc: 56.00 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.201 min
Delta R.T.: 0.005 min
Response: 9499402
Conc: 59.92 ug/ml



#9 Phenanthrene (C19.36)

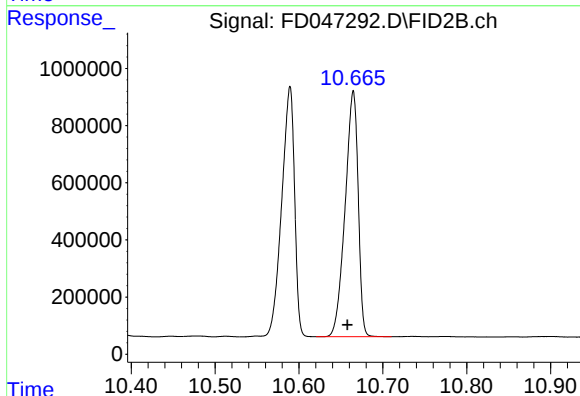
R.T.: 10.589 min
Delta R.T.: 0.006 min
Response: 9326400
Conc: 60.03 ug/ml

Instrument :

FID_D

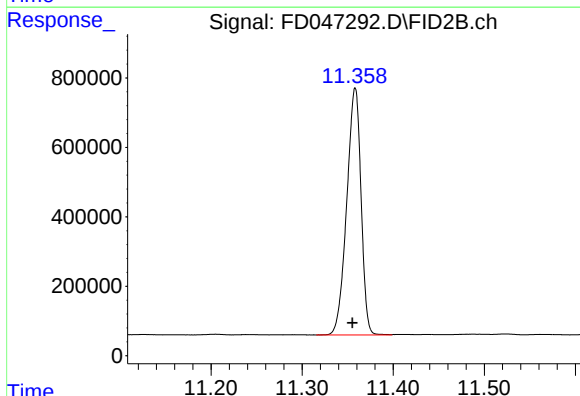
ClientSampleId :

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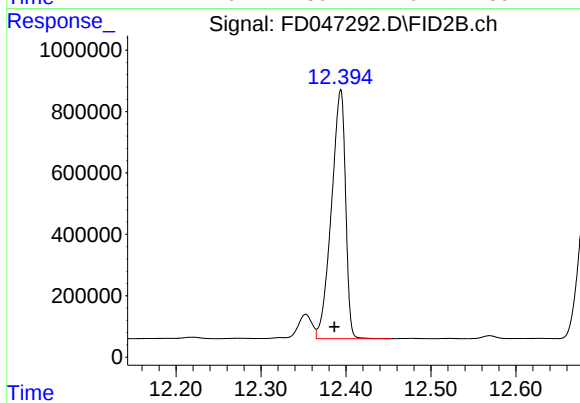
#10 Anthracene (C19.43)

R.T.: 10.664 min
Delta R.T.: 0.007 min
Response: 9286822
Conc: 62.98 ug/ml



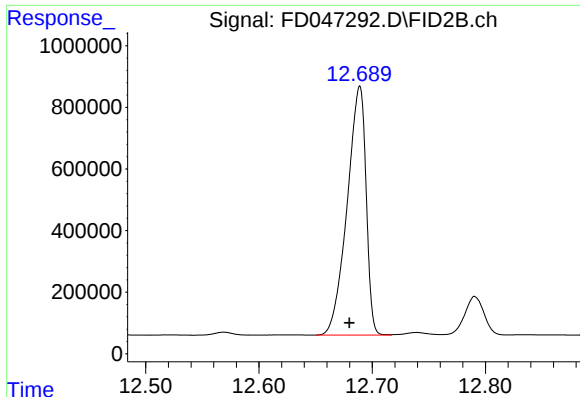
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.003 min
Response: 7757412
Conc: 43.98 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.393 min
Delta R.T.: 0.007 min
Response: 9360602
Conc: 60.46 ug/ml



#13 Pyrene (C20.8)

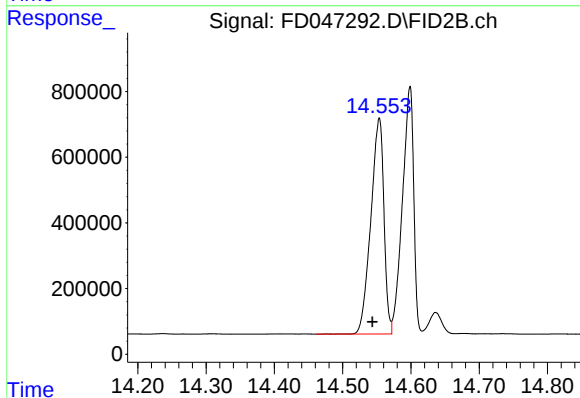
R.T.: 12.688 min
Delta R.T.: 0.008 min
Response: 9376348
Conc: 62.33 ug/ml

Instrument :

FID_D

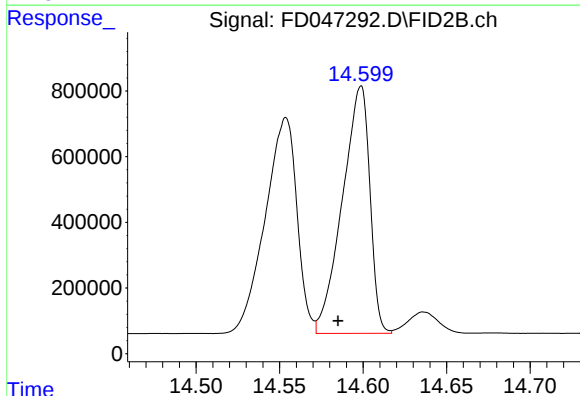
ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



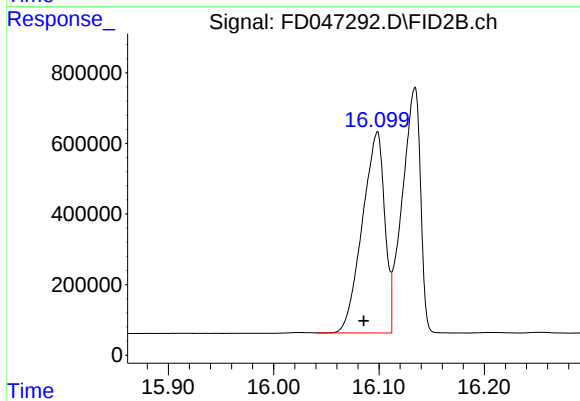
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.009 min
Response: 8748565
Conc: 65.08 ug/ml



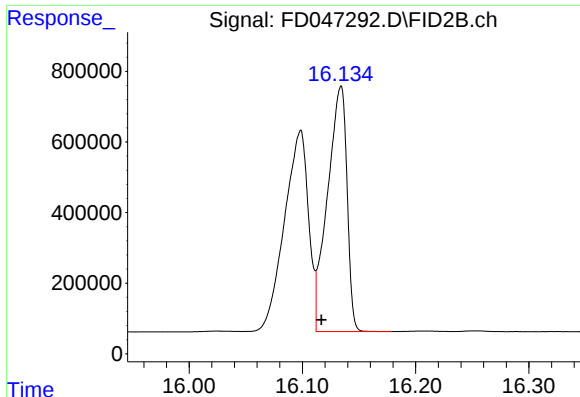
#15 Chrysene (C27.41)

R.T.: 14.598 min
Delta R.T.: 0.013 min
Response: 8633910
Conc: 58.96 ug/ml



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

R.T.: 16.098 min
Delta R.T.: 0.012 min
Response: 8393368
Conc: 60.96 ug/ml



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

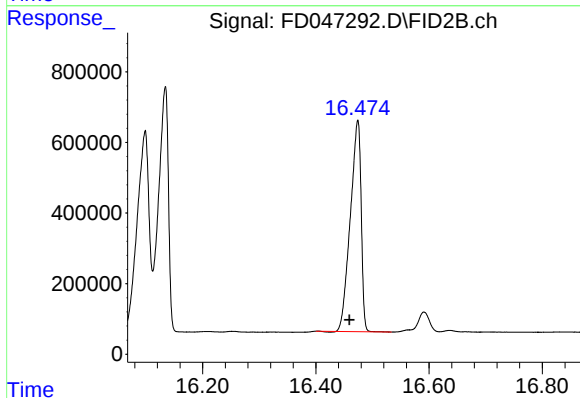
R.T.: 16.133 min
Delta R.T.: 0.016 min
Response: 8328666
Conc: 60.02 ug/ml

Instrument :

FID_D

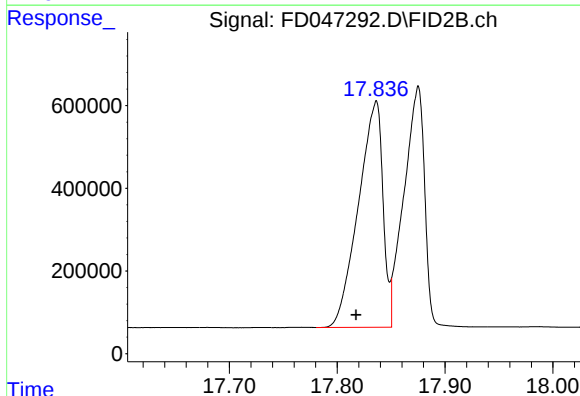
ClientSampleId :

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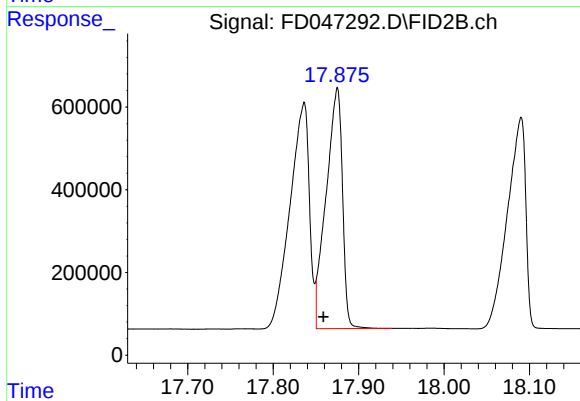
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: 0.014 min
Response: 7949394
Conc: 58.72 ug/ml



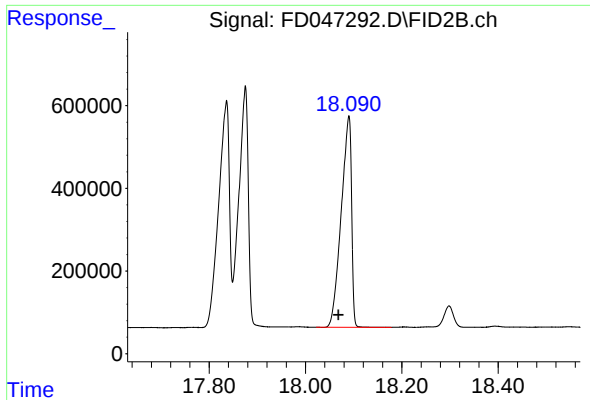
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: 0.018 min
Response: 8659724
Conc: 68.59 ug/ml



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

R.T.: 17.874 min
Delta R.T.: 0.016 min
Response: 7728116
Conc: 58.00 ug/ml



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

R.T.: 18.089 min
Delta R.T.: 0.020 min
Response: 7636178
Conc: 57.59 ug/ml

Instrument :

FID_D

ClientSampleId :

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