

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AR\
 Data File : FD042646.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2022 11:49
 Operator : UA/NP
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2022
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: sample.E
 Quant Time: May 27 14:30:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 14:30:13 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.673	13987432	91.202 ug/ml
Spiked Amount 50.000		Recovery =	182.40%
6) S 2-Fluorobiphenyl (SURR)	8.537	9416412	91.276 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	182.55%#
11) S ortho-Terphenyl (SURR)	11.586	15893153	88.913 ug/ml
Spiked Amount 50.000		Recovery =	177.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.466	15456364	92.478 ug/ml
2) T Naphthalene (C11.7)	6.008	15797628	91.426 ug/ml
3) T 2-Methylnaphthalene (...)	7.062	14593946	91.389 ug/ml
5) T Acenaphthylene (C15.06)	8.342	15689842	90.561 ug/ml
7) T Acenaphthene (C15.5)	8.641	15650387	90.641 ug/ml
8) T Flouorene (C16.55)	9.421	15306189	90.620 ug/ml
9) T Phenanthrene (C19.36)	10.820	14990620	90.241 ug/ml
10) T Anthracene (C19.43)	10.897	14116492	91.348 ug/ml
12) T Fluoranthene (C21.85)	12.635	14292722	89.563 ug/ml
13) T Pyrene (C20.8)	12.934	14154025	89.741 ug/ml
14) T Benzo[a]anthracene (C...	14.804	12829180	94.350 ug/ml
15) T Chrysene (C27.41)	14.851	12601476	93.639 ug/ml
16) T benzo[b]fluoranthene ...	16.356	12816357	95.191 ug/ml
17) T Bnezo[k]fluoranthene ...	16.395	11784997	94.129 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.737	11884837	95.355 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.101	10872158	98.254 ug/ml
20) T Dibenz[a,h]anthracene...	18.143	10582411	94.036 ug/ml
21) T Benzo[g,h,i]perylene ...	18.364	11174984	94.335 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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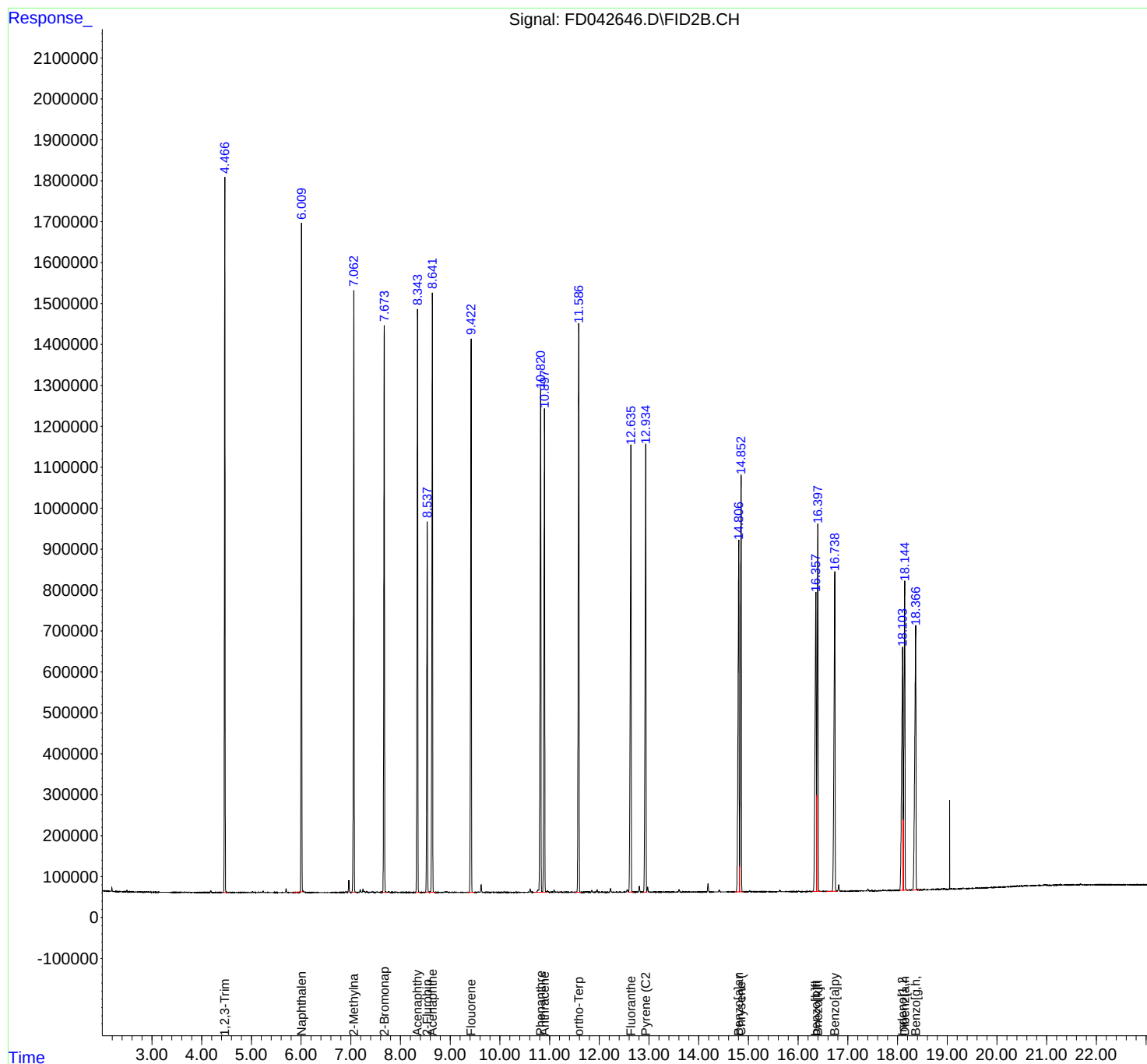
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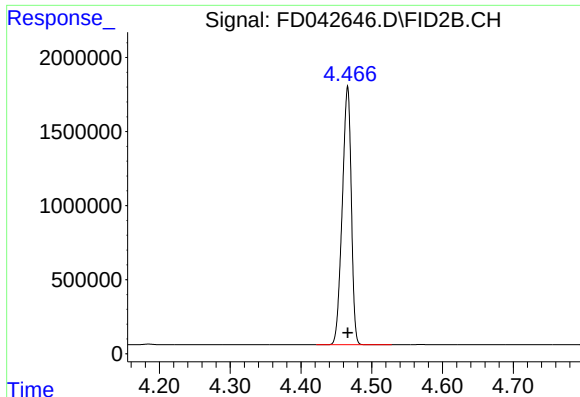
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 15456364
Conc: 92.48 ug/ml

Instrument :

FID_D

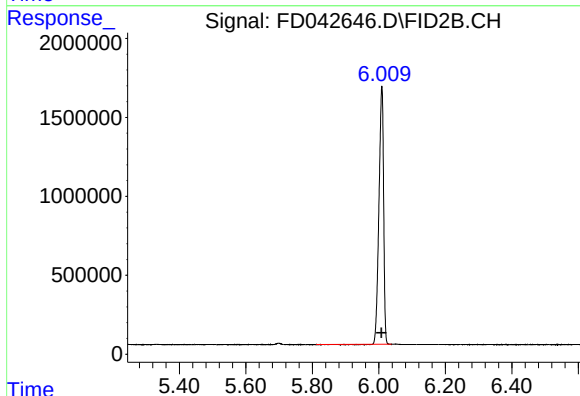
ClientSampleId :

100 PPM AROMATIC HC STD1

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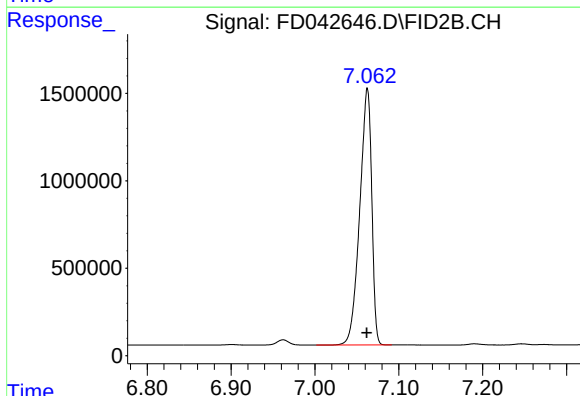
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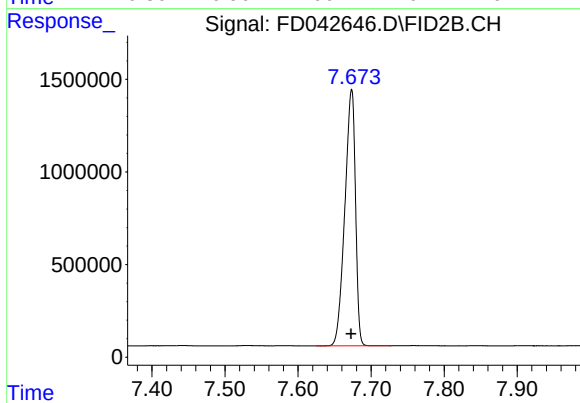
#2 Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 15797628
Conc: 91.43 ug/ml



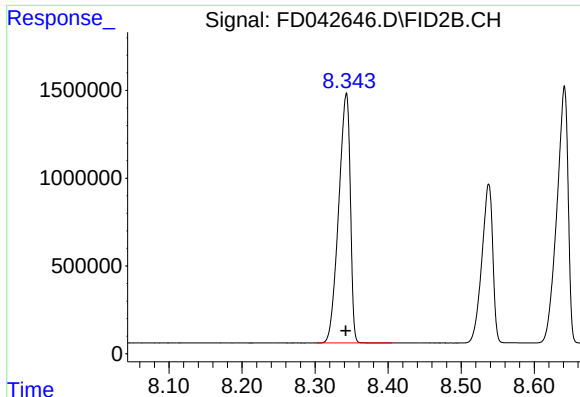
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 14593946
Conc: 91.39 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 13987432
Conc: 91.20 ug/ml



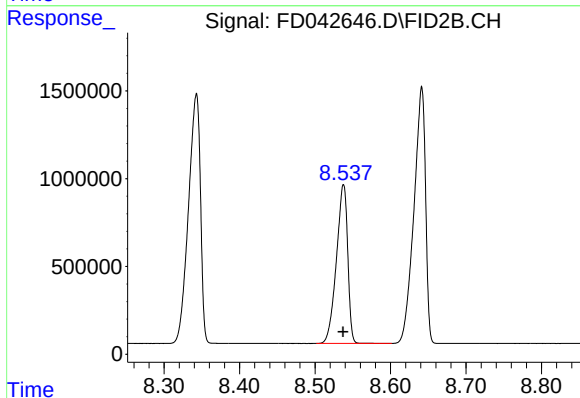
#5 Acenaphthylene (C15.06)

R.T.: 8.342 min
Delta R.T.: 0.000 min
Response: 15689842
Conc: 90.56 ug/ml

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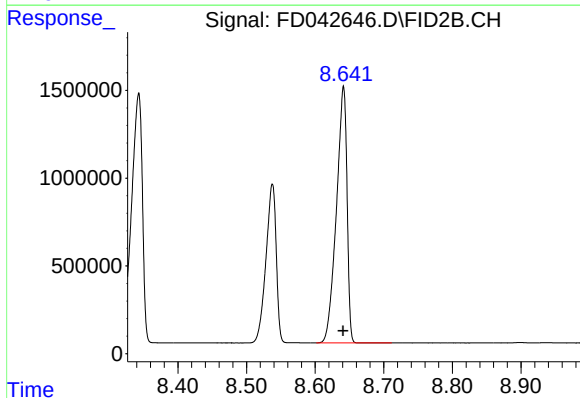
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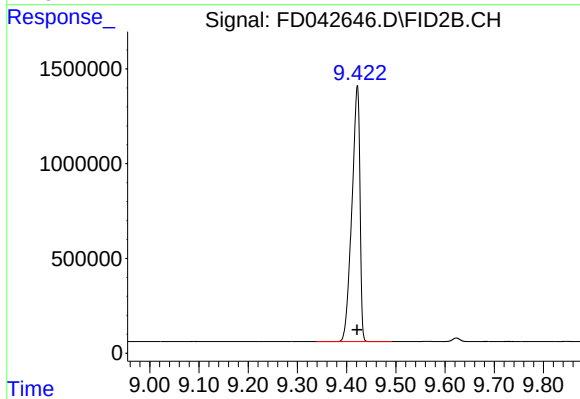
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 9416412
Conc: 91.28 ug/ml



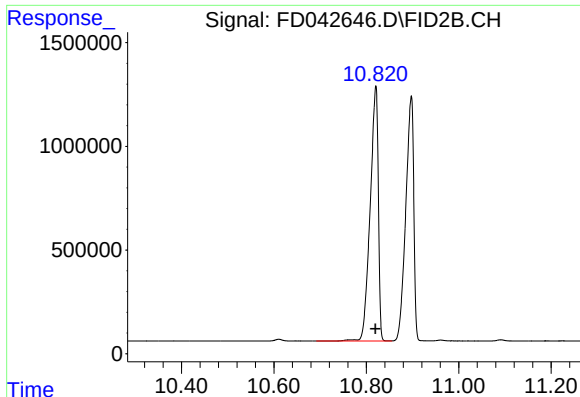
#7 Acenaphthene (C15.5)

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 15650387
Conc: 90.64 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.421 min
Delta R.T.: 0.000 min
Response: 15306189
Conc: 90.62 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.820 min
Delta R.T.: 0.000 min
Response: 14990620
Conc: 90.24 ug/ml

Instrument :

FID_D

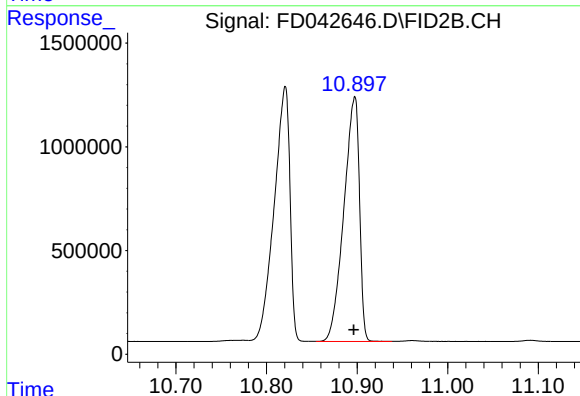
ClientSampleId :

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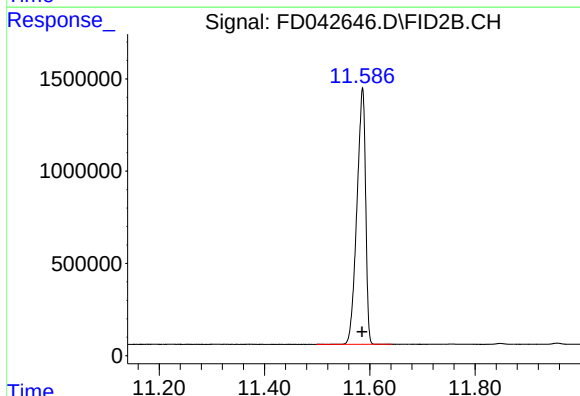
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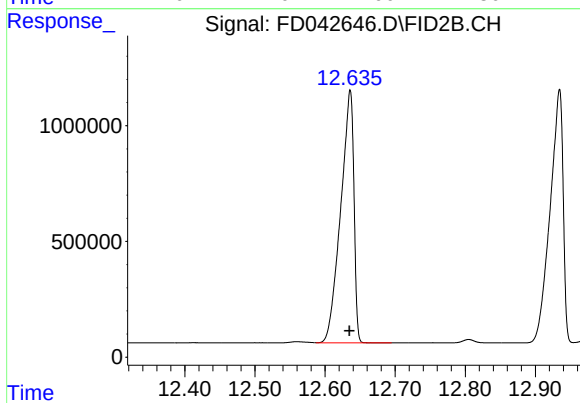
#10 Anthracene (C19.43)

R.T.: 10.897 min
Delta R.T.: 0.000 min
Response: 14116492
Conc: 91.35 ug/ml



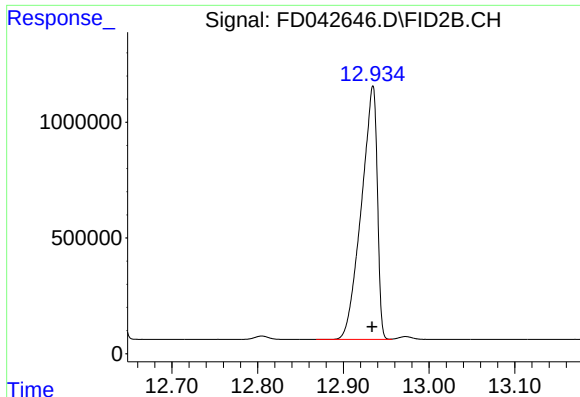
#11 ortho-Terphenyl (SURR)

R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 15893153
Conc: 88.91 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: 0.000 min
Response: 14292722
Conc: 89.56 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 14154025
Conc: 89.74 ug/ml

Instrument :

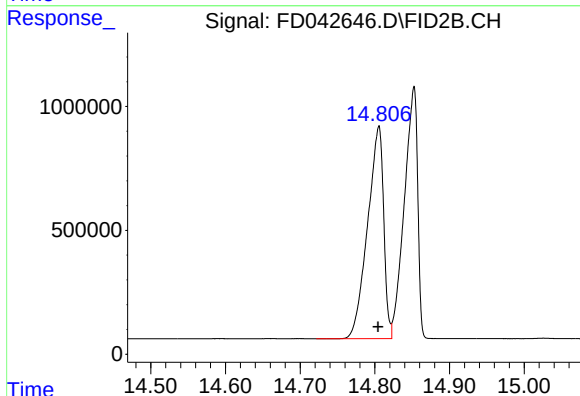
FID_D

ClientSampleId :

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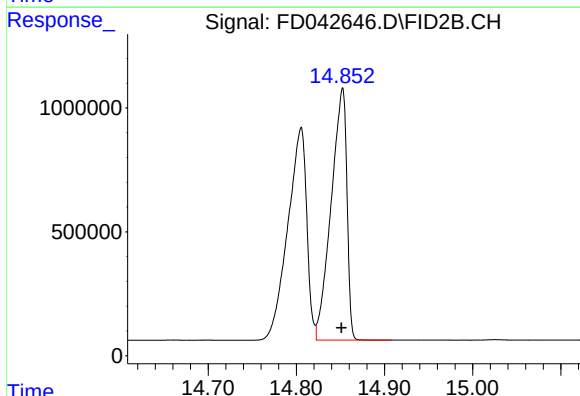
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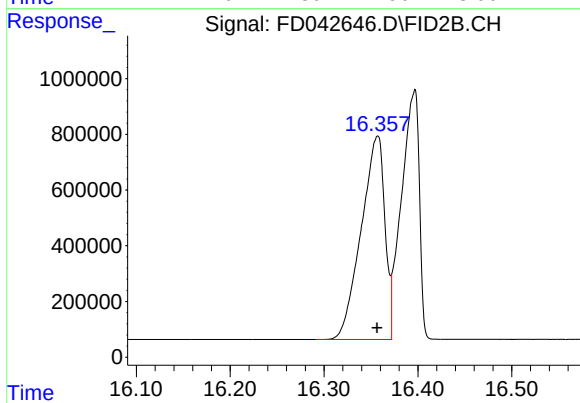
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.804 min
Delta R.T.: 0.000 min
Response: 12829180
Conc: 94.35 ug/ml



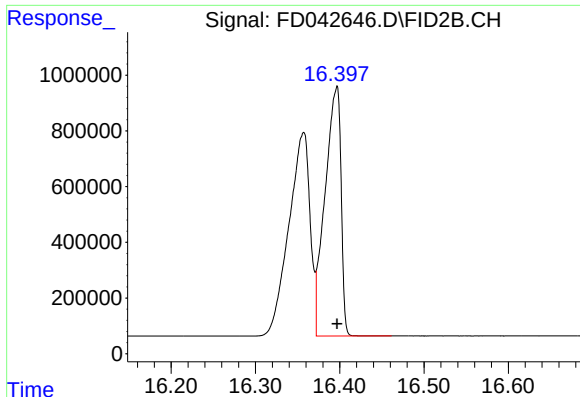
#15 Chrysene (C27.41)

R.T.: 14.851 min
Delta R.T.: 0.000 min
Response: 12601476
Conc: 93.64 ug/ml



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

R.T.: 16.356 min
Delta R.T.: 0.000 min
Response: 12816357
Conc: 95.19 ug/ml



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

R.T.: 16.395 min
Delta R.T.: -0.002 min
Response: 11784997
Conc: 94.13 ug/ml

Instrument :

FID_D

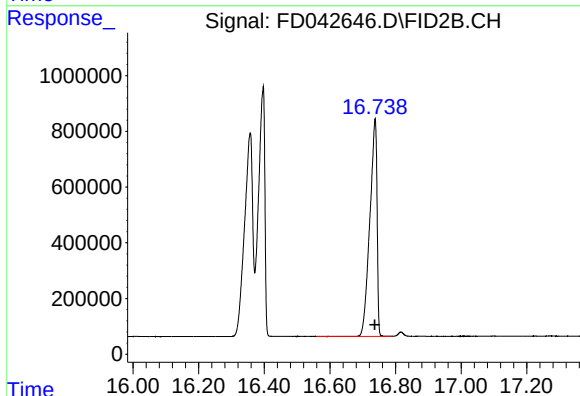
ClientSampleId :

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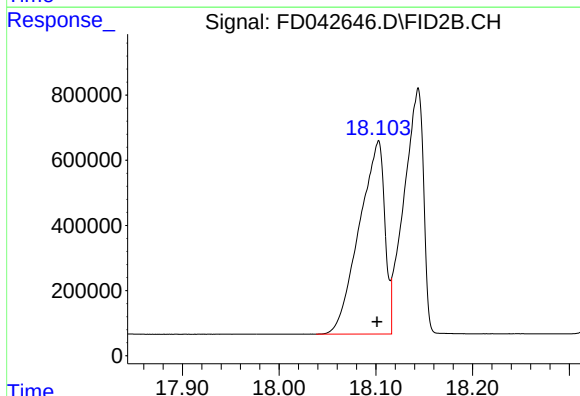
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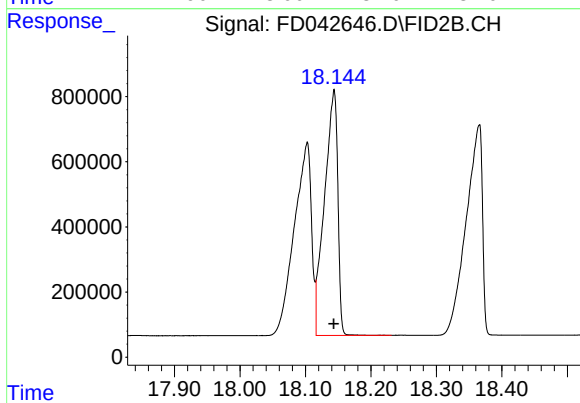
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.737 min
Delta R.T.: 0.000 min
Response: 11884837
Conc: 95.36 ug/ml



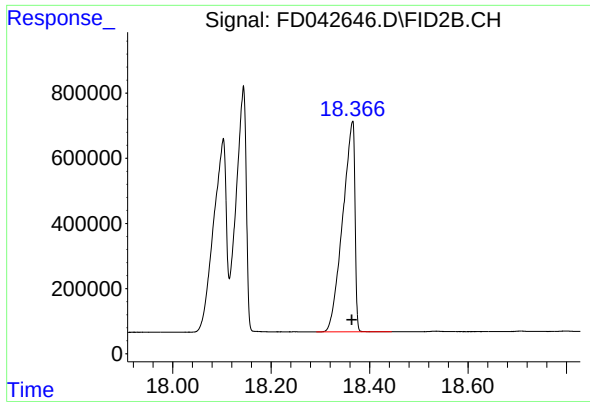
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.101 min
Delta R.T.: 0.000 min
Response: 10872158
Conc: 98.25 ug/ml



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

R.T.: 18.143 min
Delta R.T.: 0.000 min
Response: 10582411
Conc: 94.04 ug/ml



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

R.T.: 18.364 min
Delta R.T.: 0.000 min
Response: 11174984
Conc: 94.33 ug/ml

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