

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042222AR\
 Data File : FD042049.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2022 20:34
 Operator : UA/NP
 Sample : N2428-01MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

S-1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/25/2022

Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E

Quant Time: Apr 23 00:02:19 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Thu Apr 21 17:32:22 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...	7.331	6671498	47.597 ug/ml
Spiked Amount 50.000		Recovery =	95.19%
6) S 2-Fluorobiphenyl (SURR)	8.180	3991500	56.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.04%
11) S ortho-Terphenyl (SURR)	11.207	6303221	36.365 ug/ml
Spiked Amount 50.000		Recovery =	72.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	5091698	32.706 ug/mlm
2) T Naphthalene (C11.7)	5.674	5941369	37.663 ug/ml
3) T 2-Methylnaphthalene (...)	6.720	6048199	41.826 ug/ml
5) T Acenaphthylene (C15.06)	7.981	6191041	37.566 ug/ml
7) T Acenaphthene (C15.5)	8.275	7046932	37.535 ug/ml
8) T Flouorene (C16.55)	9.053	6659302	43.720 ug/ml
9) T Phenanthrene (C19.36)	10.438	6778723	45.652 ug/ml
10) T Anthracene (C19.43)	10.515	6934836	41.424 ug/ml
12) T Fluoranthene (C21.85)	12.240	6890215	43.926 ug/mlm
13) T Pyrene (C20.8)	12.533	6861714	42.069 ug/ml
14) T Benzo[a]anthracene (C...	14.403	6329434	52.913 ug/ml
15) T Chrysene (C27.41)	14.444	6145452	33.497 ug/mlm
16) T benzo[b]fluoranthene ...	15.949	6250959	47.609 ug/ml
17) T Bnezo[k]fluoranthene ...	15.981	6647210	38.449 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.324	5665779	38.401 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.692	5696913	57.076 ug/mlm
20) T Dibenz[a,h]anthracene...	17.728	6199462	39.498 ug/ml
21) T Benzo[g,h,i]perylene ...	17.941	6048176	43.672 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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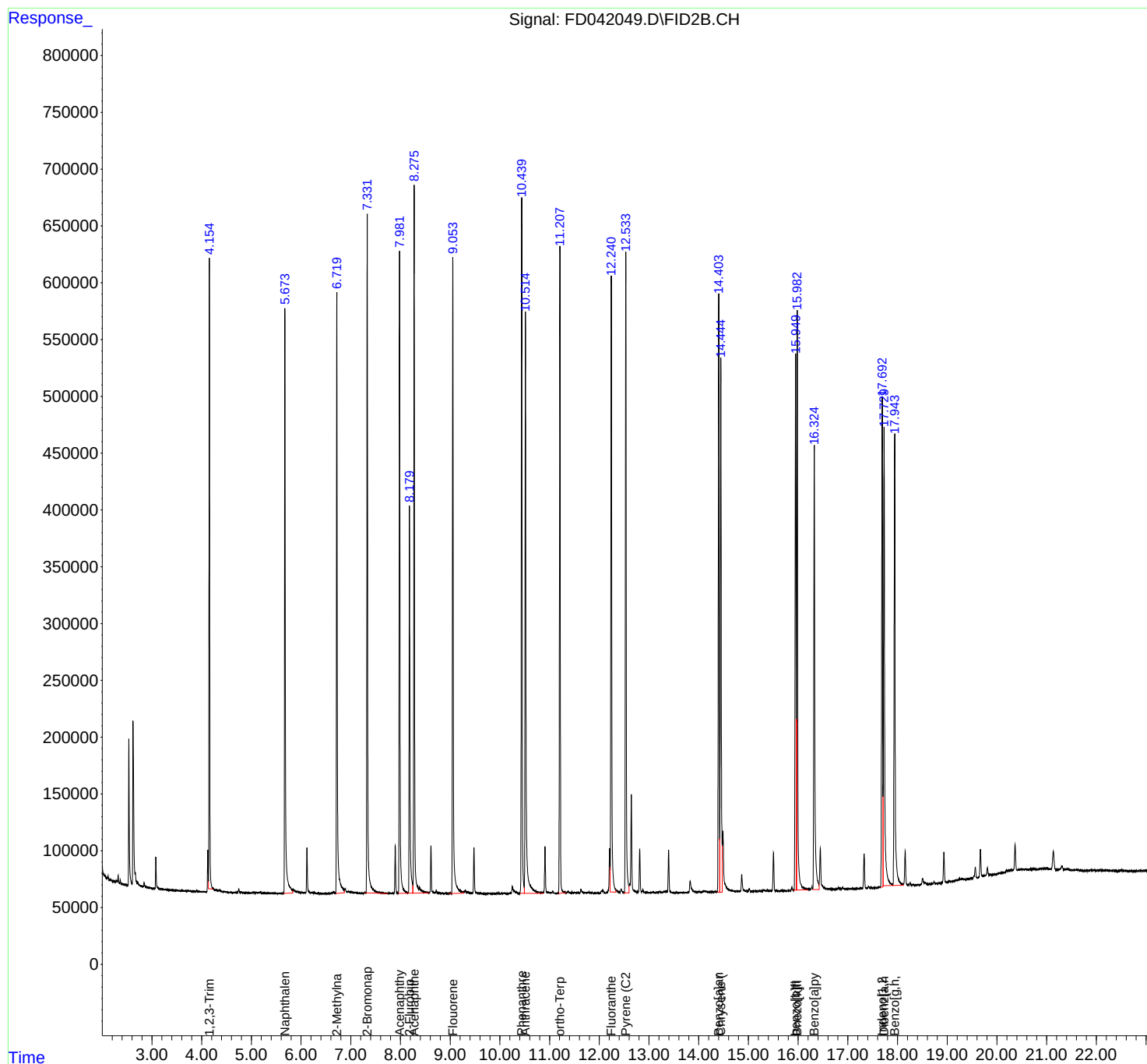
Instrument :
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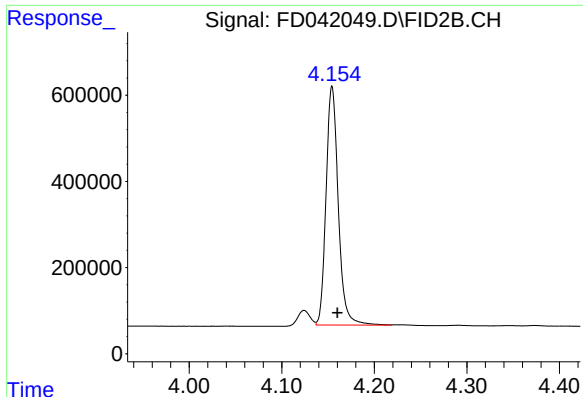
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Signal Info : 20M x 0.18mm x 0.18µm





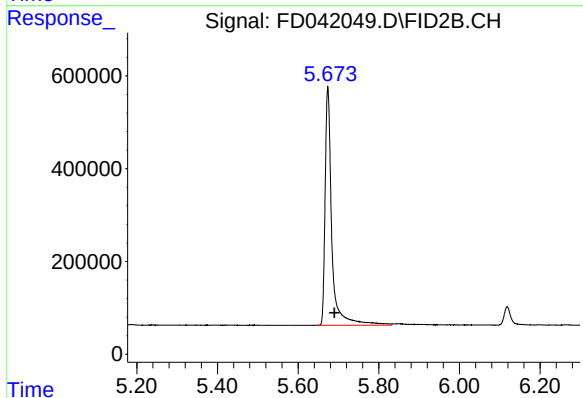
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.154 min
Delta R.T.: -0.006 min
Response: 5091698
Conc: 32.71 ug/ml

Instrument :
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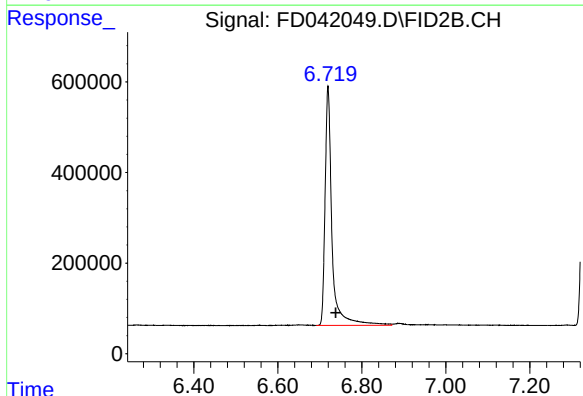
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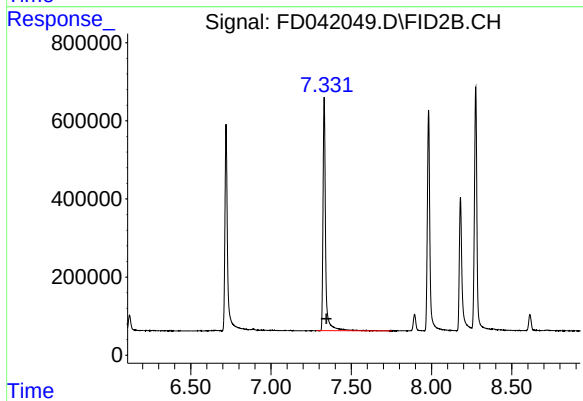
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.016 min
Response: 5941369
Conc: 37.66 ug/ml



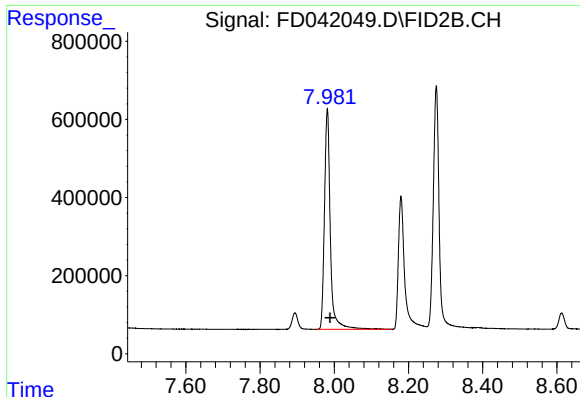
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: -0.018 min
Response: 6048199
Conc: 41.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.331 min
Delta R.T.: -0.014 min
Response: 6671498
Conc: 47.60 ug/ml



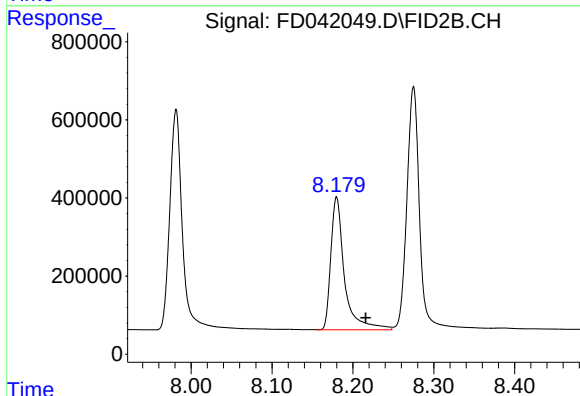
#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: -0.008 min
Response: 6191041
Conc: 37.57 ug/ml

Instrument :
FID_D
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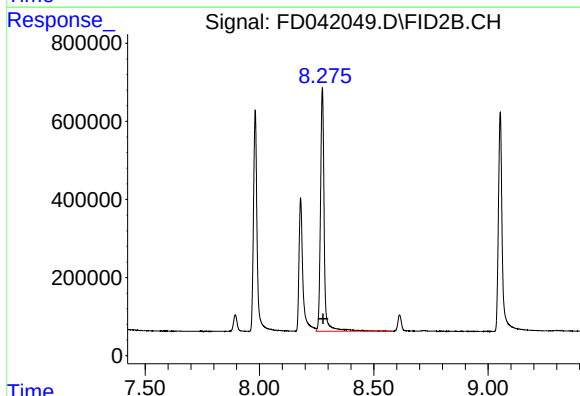
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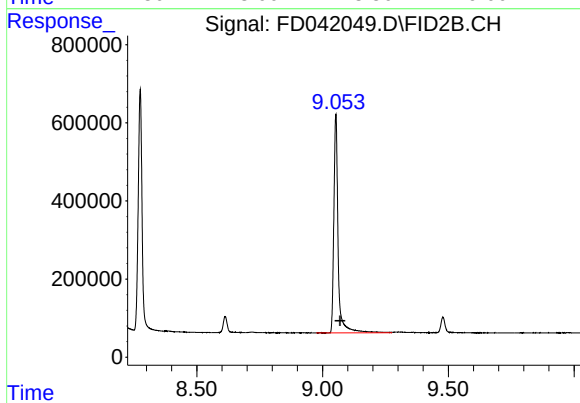
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.035 min
Response: 3991500
Conc: 56.02 ug/ml



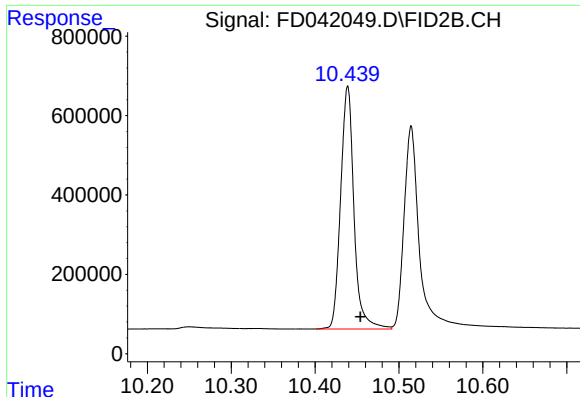
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 7046932
Conc: 37.53 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.053 min
Delta R.T.: -0.017 min
Response: 6659302
Conc: 43.72 ug/ml



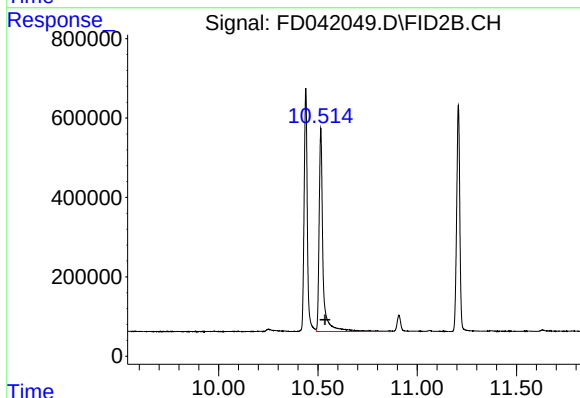
#9 Phenanthrene (C19.36)

R.T.: 10.438 min
Delta R.T.: -0.016 min
Response: 6778723
Conc: 45.65 ug/ml

Instrument :
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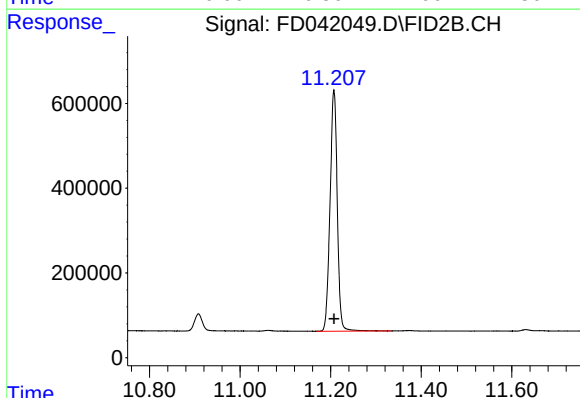
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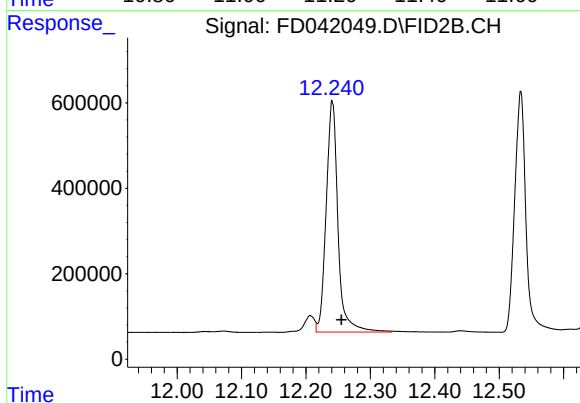
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.022 min
Response: 6934836
Conc: 41.42 ug/ml



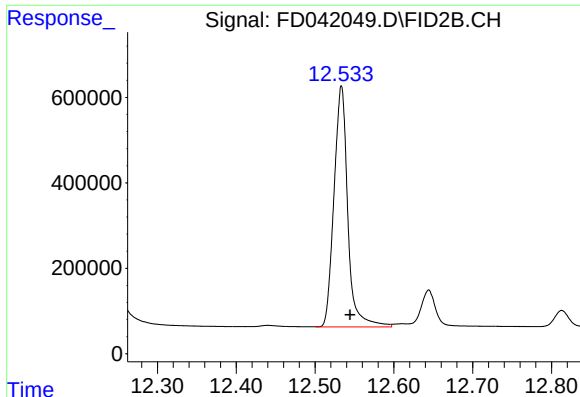
#11 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.001 min
Response: 6303221
Conc: 36.37 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.240 min
Delta R.T.: -0.015 min
Response: 6890215
Conc: 43.93 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.533 min
Delta R.T.: -0.012 min
Response: 6861714
Conc: 42.07 ug/ml

Instrument :

FID_D

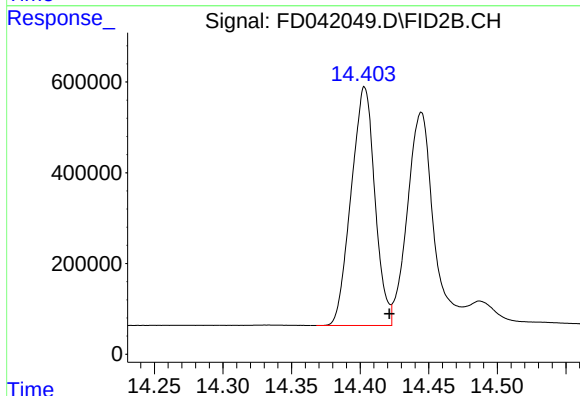
ClientSampleId :

S-1MSD

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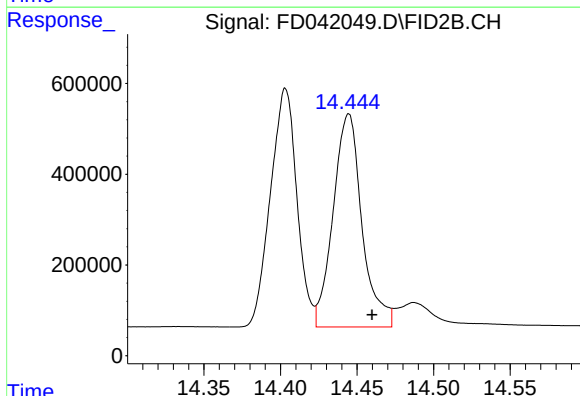
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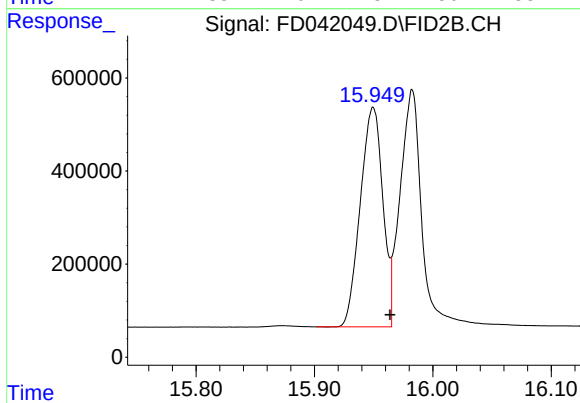
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.403 min
Delta R.T.: -0.019 min
Response: 6329434
Conc: 52.91 ug/ml



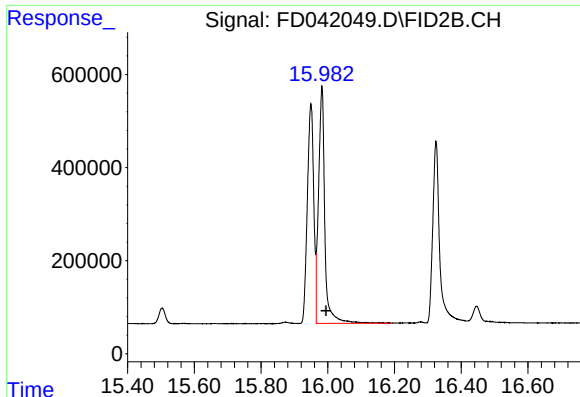
#15 Chrysene (C27.41)

R.T.: 14.444 min
Delta R.T.: -0.016 min
Response: 6145452
Conc: 33.50 ug/ml m



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

R.T.: 15.949 min
Delta R.T.: -0.015 min
Response: 6250959
Conc: 47.61 ug/ml



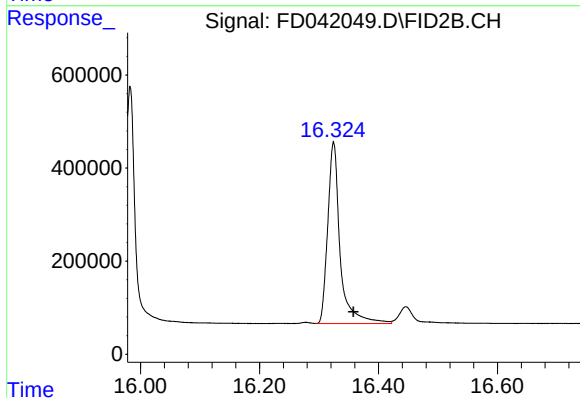
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.981 min
Delta R.T.: -0.014 min
Response: 6647210
Conc: 38.45 ug/ml

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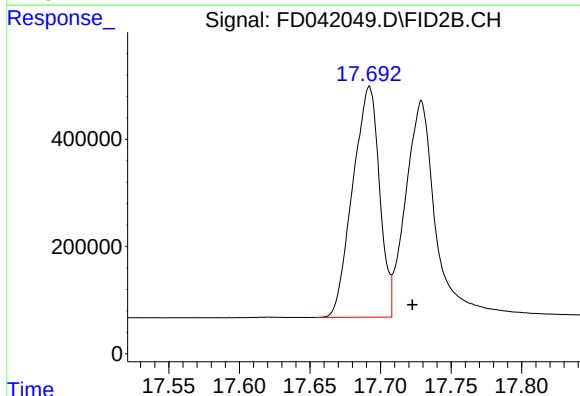
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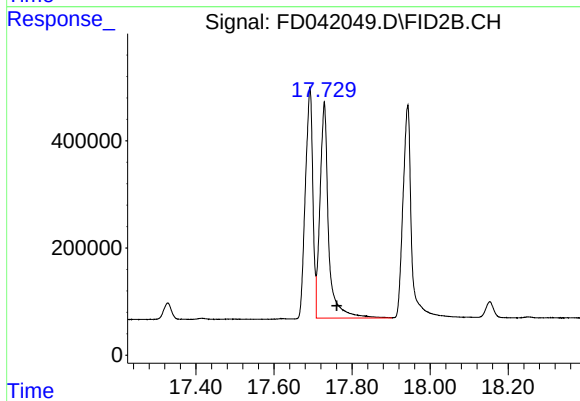
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.324 min
Delta R.T.: -0.034 min
Response: 5665779
Conc: 38.40 ug/ml m



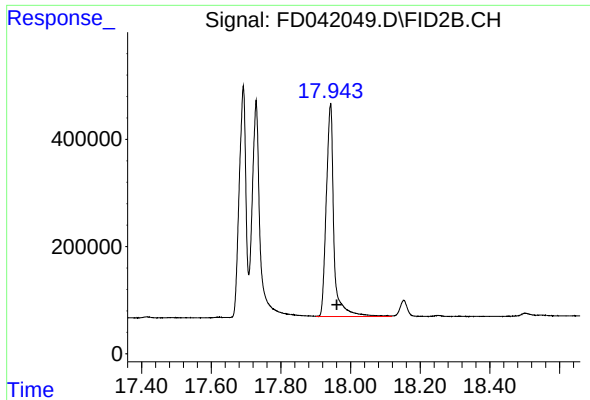
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.692 min
Delta R.T.: -0.031 min
Response: 5696913
Conc: 57.08 ug/ml m



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

R.T.: 17.728 min
Delta R.T.: -0.033 min
Response: 6199462
Conc: 39.50 ug/ml



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

R.T.: 17.941 min
Delta R.T.: -0.019 min
Response: 6048176
Conc: 43.67 ug/ml

Instrument :

FID_D

ClientSampleId :

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