

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111324AR\
 Data File : FD048722.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 19:41
 Operator : YP/AJ
 Sample : P4768-07MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

B-6-3MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File: autoint1.e

Quant Time: Nov 14 01:46:02 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 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...	7.367	7357308	48.474 ug/ml
Spiked Amount 50.000		Recovery =	96.95%
6) S 2-Fluorobiphenyl (SURR)	8.218	4736292	48.235 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.47%
11) S ortho-Terphenyl (SURR)	11.252	3887347	22.821 ug/mlm
Spiked Amount 50.000		Recovery =	45.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	5659040	32.529 ug/mlm
2) T Naphthalene (C11.7)	5.708	6582512	36.890 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	6387717	35.712 ug/ml
5) T Acenaphthylene (C15.06)	8.021	7825488	44.566 ug/ml
7) T Acenaphthene (C15.5)	8.317	7781615	43.874 ug/ml
8) T Flouorene (C16.55)	9.094	7940977	46.978 ug/ml
9) T Phenanthrene (C19.36)	10.484	10278585	62.179 ug/ml
10) T Anthracene (C19.43)	10.558	8207980	51.329 ug/ml
12) T Fluoranthene (C21.85)	12.292	11044746	67.110 ug/mlm
13) T Pyrene (C20.8)	12.583	10014758	62.174 ug/ml
14) T Benzo[a]anthracene (C...	14.453	9089434	62.165 ug/ml
15) T Chrysene (C27.41)	14.497	8690000	52.829 ug/ml
16) T benzo[b]fluoranthene ...	16.003	8858139	58.266 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	7706958	51.276 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.379	8331432	55.360 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	8211075	62.931 ug/ml
20) T Dibenz[a,h]anthracene...	17.782	7111331	43.699 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	7762670	50.706 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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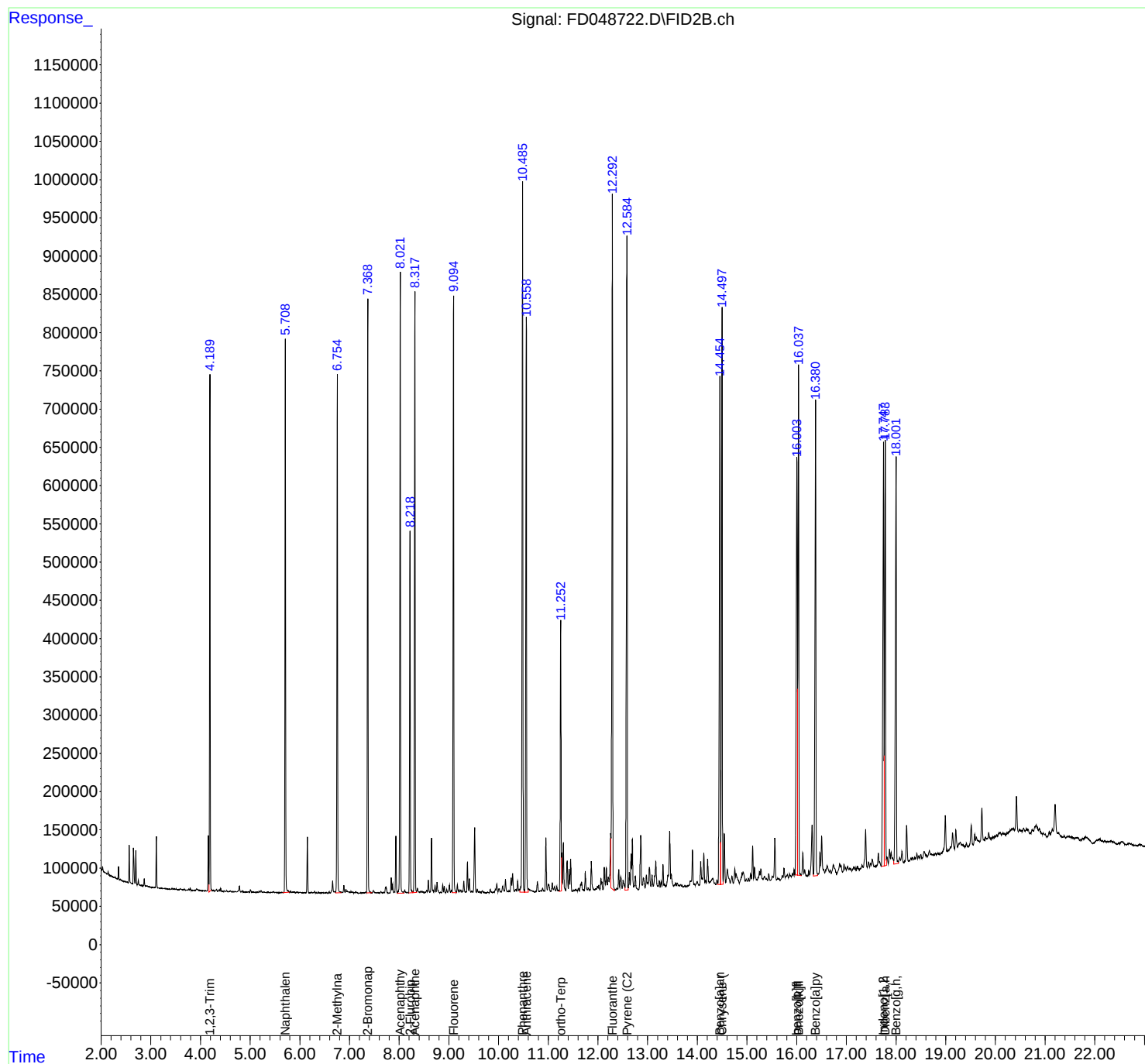
Instrument :
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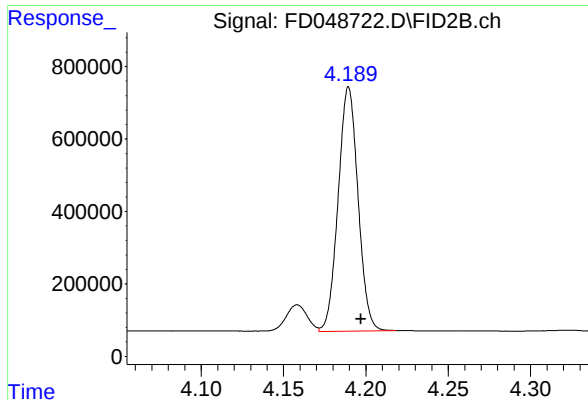
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Signal Info : 20M x 0.18mm x 0.18µm





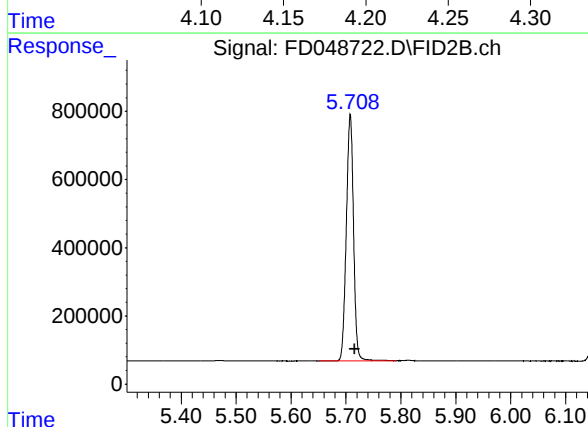
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.189 min
Delta R.T.: -0.008 min
Response: 5659040
Conc: 32.53 ug/ml

Instrument :
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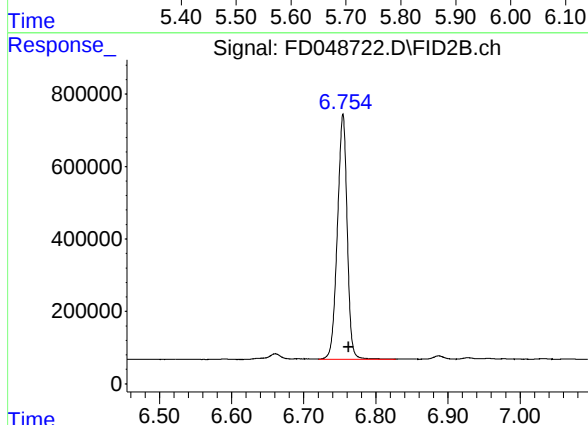
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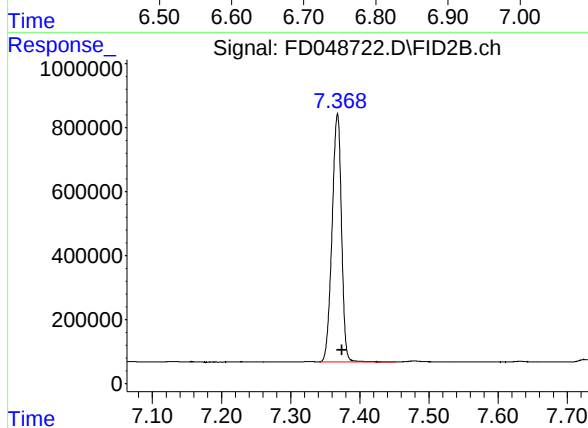
#2 Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: -0.008 min
Response: 6582512
Conc: 36.89 ug/ml



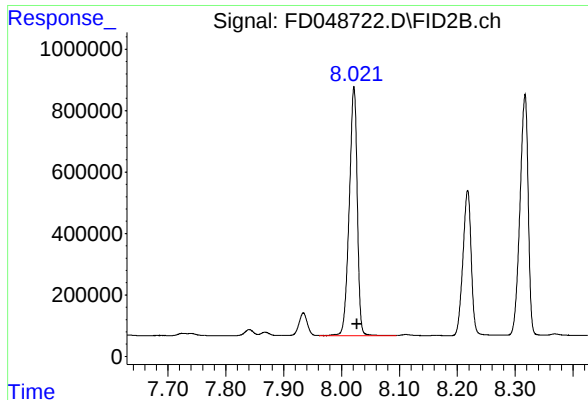
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: -0.008 min
Response: 6387717
Conc: 35.71 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: -0.007 min
Response: 7357308
Conc: 48.47 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 7825488
Conc: 44.57 ug/ml

Instrument :

FID_D

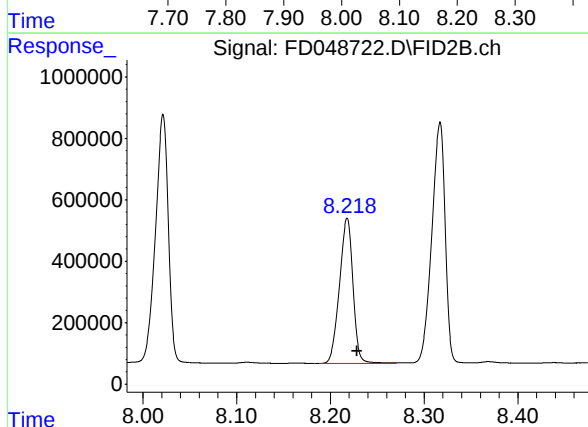
ClientSampleId :

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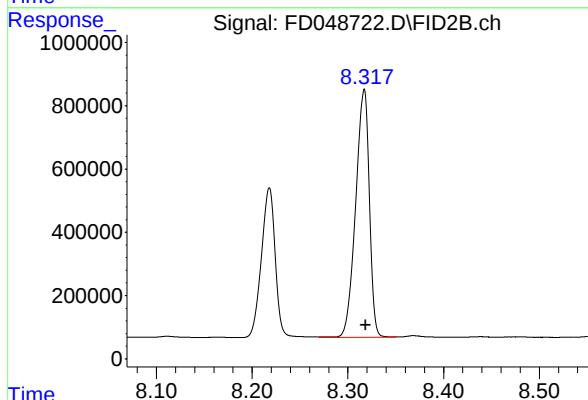
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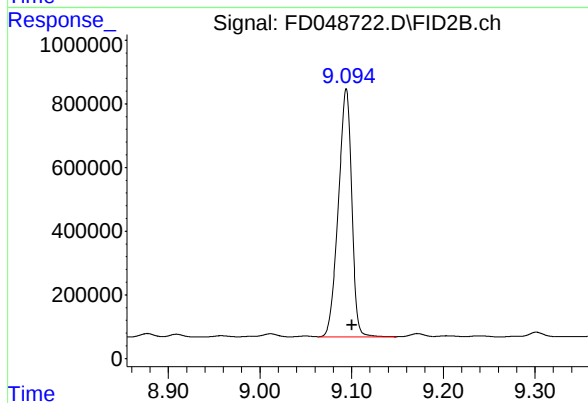
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: -0.010 min
Response: 4736292
Conc: 48.24 ug/ml



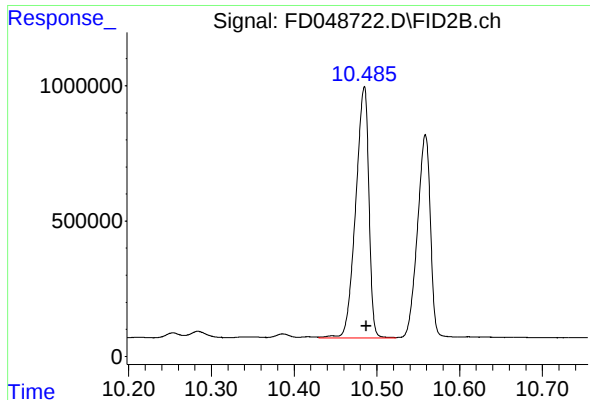
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 7781615
Conc: 43.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.094 min
Delta R.T.: -0.007 min
Response: 7940977
Conc: 46.98 ug/ml



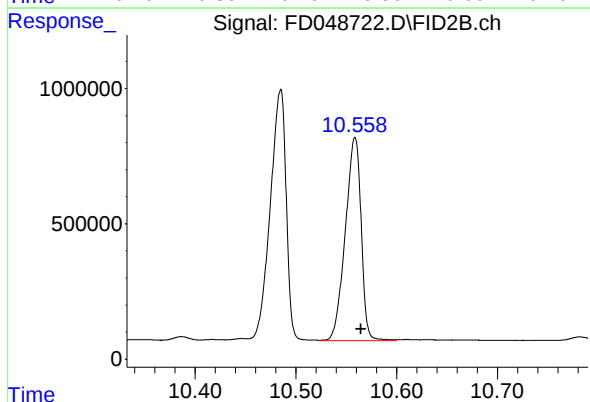
#9 Phenanthrene (C19.36)

R.T.: 10.484 min
Delta R.T.: -0.003 min
Response: 10278585
Conc: 62.18 ug/ml

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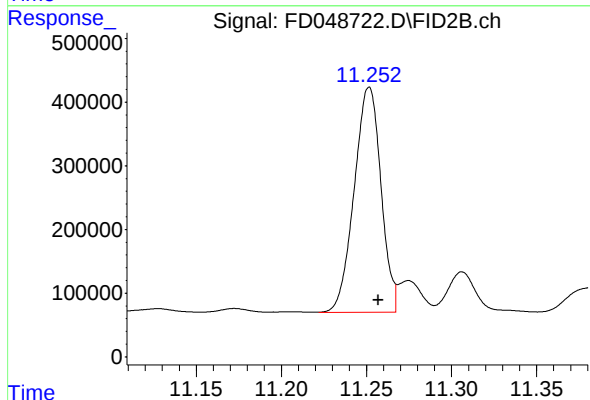
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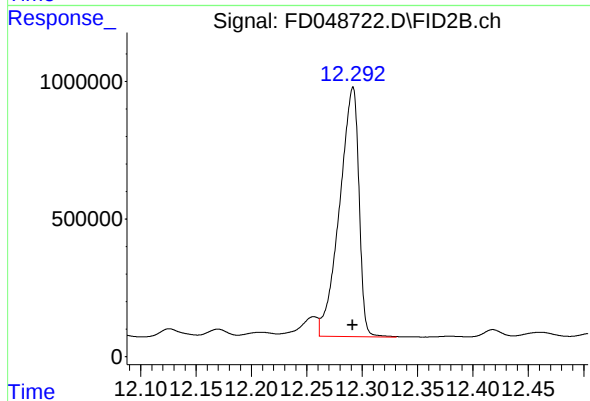
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: -0.006 min
Response: 8207980
Conc: 51.33 ug/ml



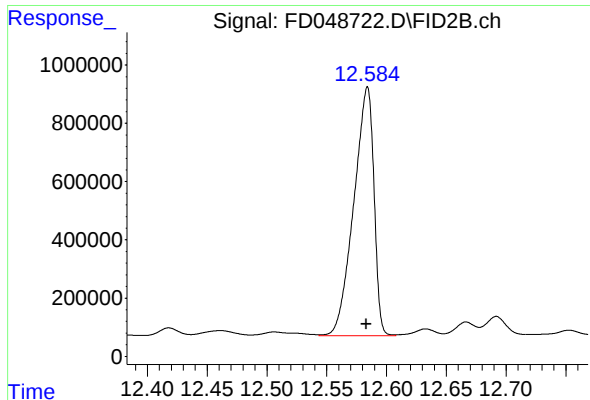
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: -0.005 min
Response: 3887347
Conc: 22.82 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.292 min
Delta R.T.: 0.000 min
Response: 11044746
Conc: 67.11 ug/ml m



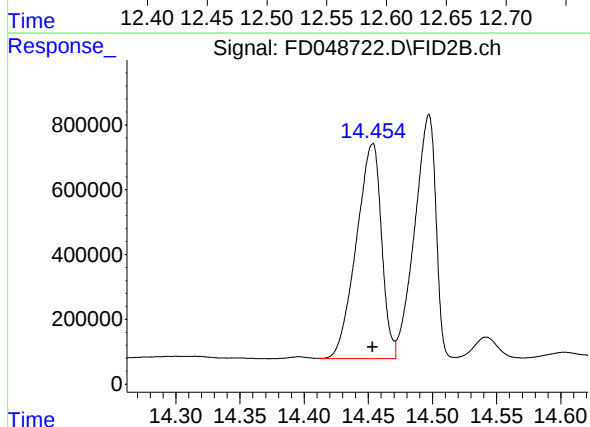
#13 Pyrene (C20.8)

R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 10014758
Conc: 62.17 ug/ml

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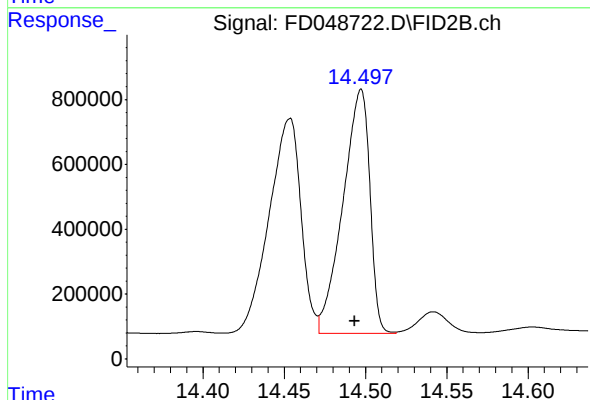
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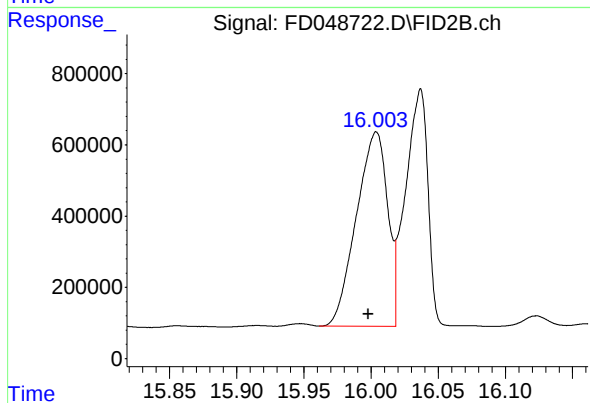
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.453 min
Delta R.T.: 0.000 min
Response: 9089434
Conc: 62.16 ug/ml



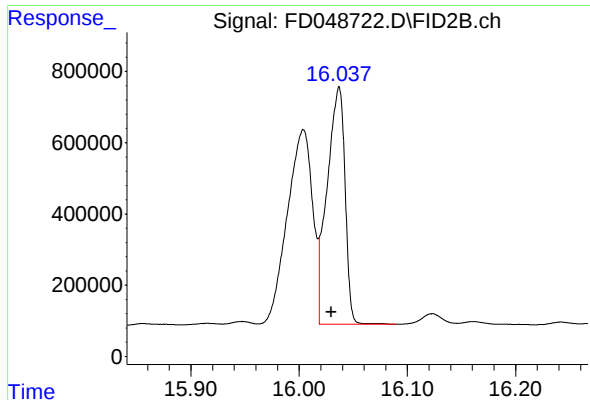
#15 Chrysene (C27.41)

R.T.: 14.497 min
Delta R.T.: 0.003 min
Response: 8690000
Conc: 52.83 ug/ml



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

R.T.: 16.003 min
Delta R.T.: 0.005 min
Response: 8858139
Conc: 58.27 ug/ml



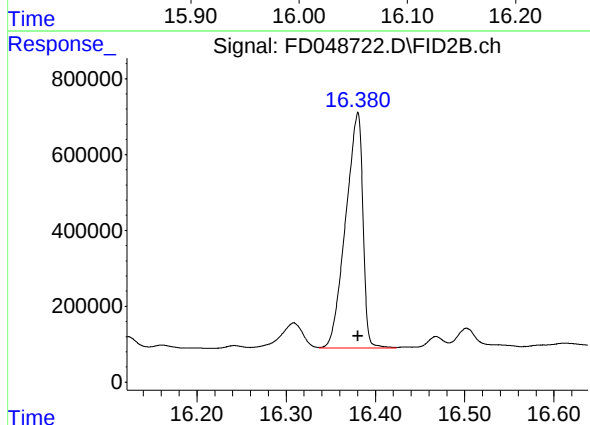
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.036 min
Delta R.T.: 0.006 min
Response: 7706958
Conc: 51.28 ug/ml

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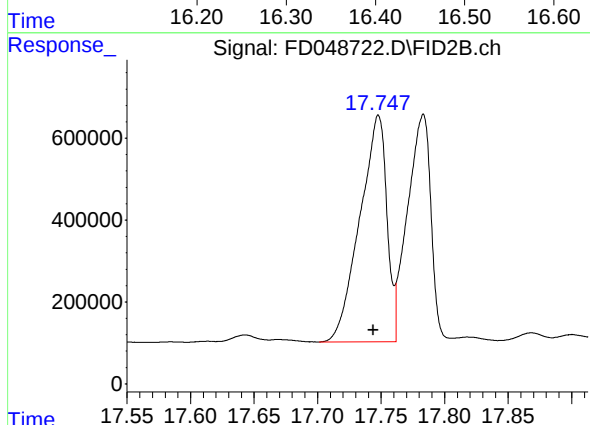
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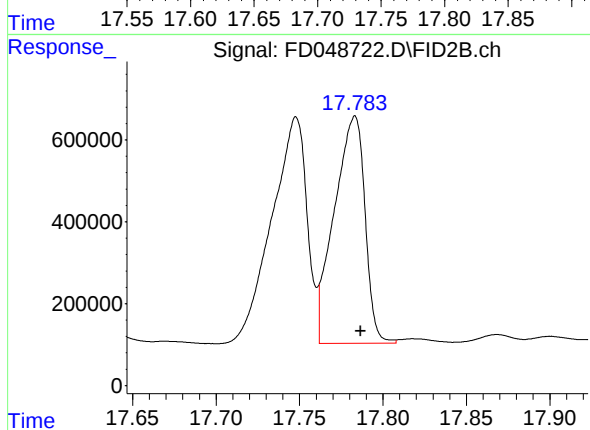
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.379 min
Delta R.T.: -0.001 min
Response: 8331432
Conc: 55.36 ug/ml



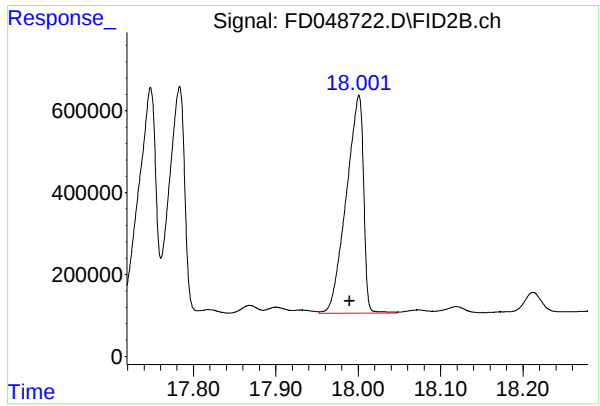
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: 0.004 min
Response: 8211075
Conc: 62.93 ug/ml



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

R.T.: 17.782 min
Delta R.T.: -0.004 min
Response: 7111331
Conc: 43.70 ug/ml



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

R.T.: 18.000 min
Delta R.T.: 0.010 min
Response: 7762670
Conc: 50.71 ug/ml

Instrument :

FID_D

ClientSampleId :

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