

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111324AR\
 Data File : FD048717.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 16:39
 Operator : YP/AJ
 Sample : PB164943BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164943BS

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 01:45:04 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	7906349	52.091 ug/ml
Spiked Amount 50.000		Recovery =	104.18%
6) S 2-Fluorobiphenyl (SURR)	8.216	4909438	49.998 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.00%
11) S ortho-Terphenyl (SURR)	11.252	7844218	46.050 ug/ml
Spiked Amount 50.000		Recovery =	92.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	5670660	32.595 ug/mlm
2) T Naphthalene (C11.7)	5.706	6571702	36.830 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	6484874	36.256 ug/ml
5) T Acenaphthylene (C15.06)	8.020	7591347	43.233 ug/ml
7) T Acenaphthene (C15.5)	8.315	8057254	45.428 ug/ml
8) T Flouorene (C16.55)	9.093	8131947	48.108 ug/ml
9) T Phenanthrene (C19.36)	10.480	8114259	49.086 ug/ml
10) T Anthracene (C19.43)	10.556	8096300	50.630 ug/ml
12) T Fluoranthene (C21.85)	12.285	8182167	49.716 ug/mlm
13) T Pyrene (C20.8)	12.578	8060535	50.041 ug/ml
14) T Benzo[a]anthracene (C...	14.447	7631011	52.190 ug/ml
15) T Chrysene (C27.41)	14.491	7592076	46.155 ug/ml
16) T benzo[b]fluoranthene ...	15.995	7655518	50.356 ug/ml
17) T Bnezo[k]fluoranthene ...	16.030	7592261	50.513 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	7398779	49.163 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	7596359	58.219 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	7225222	44.399 ug/ml
21) T Benzo[g,h,i]perylene ...	17.991	7378352	48.196 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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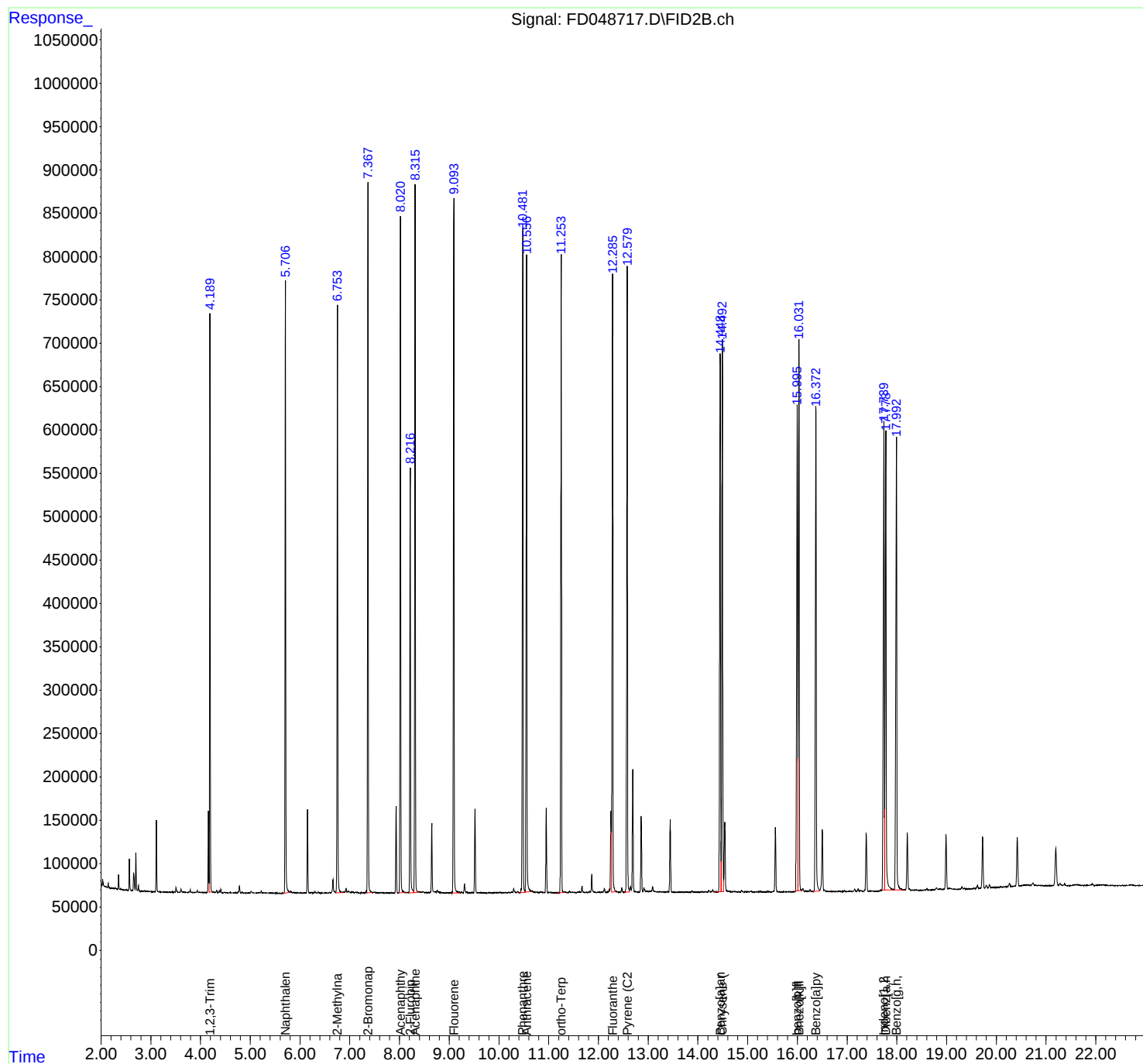
Response via : Initial Calibration

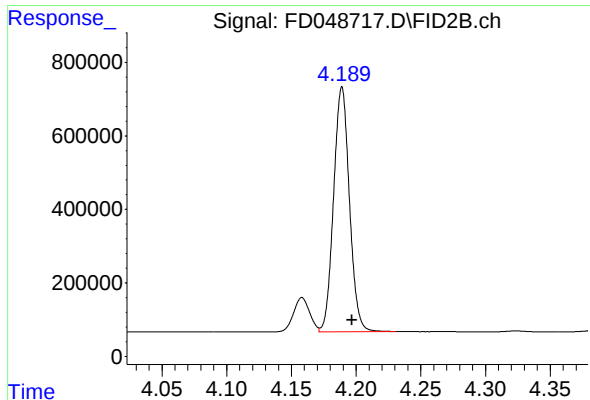
Integrator: ChemStation

Volume Inj. : 1 µl

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Signal Info : 20M x 0.18mm x 0.18µm





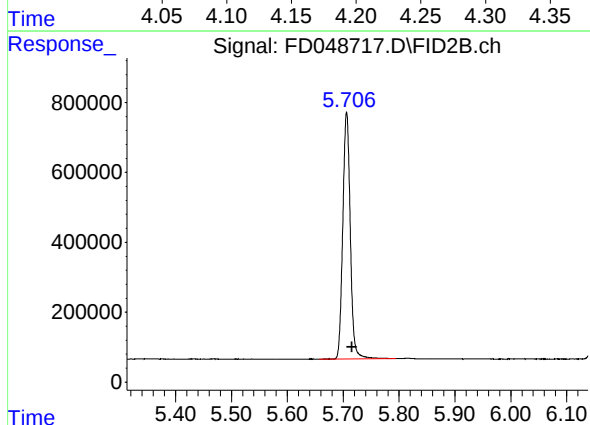
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.189 min
Delta R.T.: -0.008 min
Response: 5670660
Conc: 32.60 ug/ml

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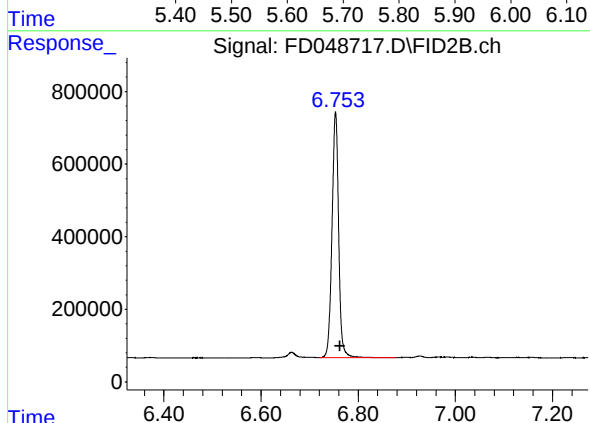
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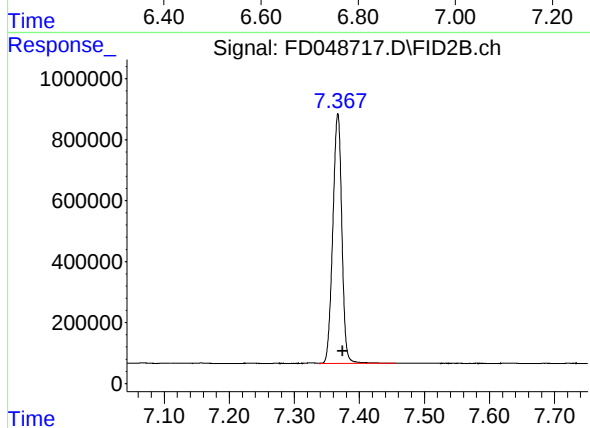
#2 Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: -0.010 min
Response: 6571702
Conc: 36.83 ug/ml



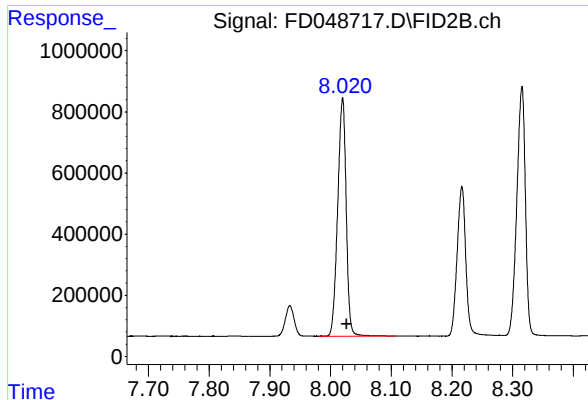
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: -0.009 min
Response: 6484874
Conc: 36.26 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: -0.008 min
Response: 7906349
Conc: 52.09 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.020 min
Delta R.T.: -0.007 min
Response: 7591347
Conc: 43.23 ug/ml

Instrument :

FID_D

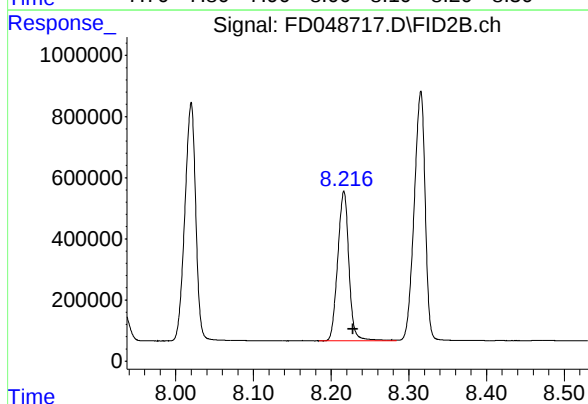
ClientSampleId :

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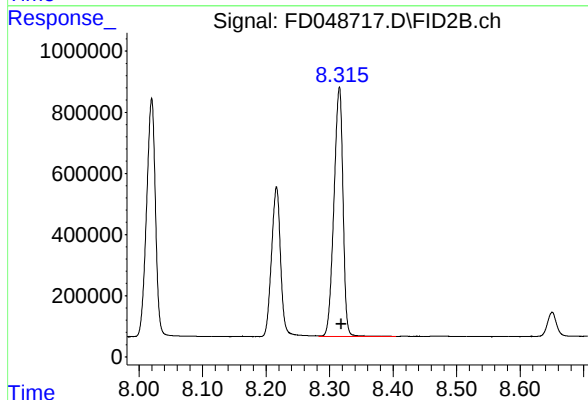
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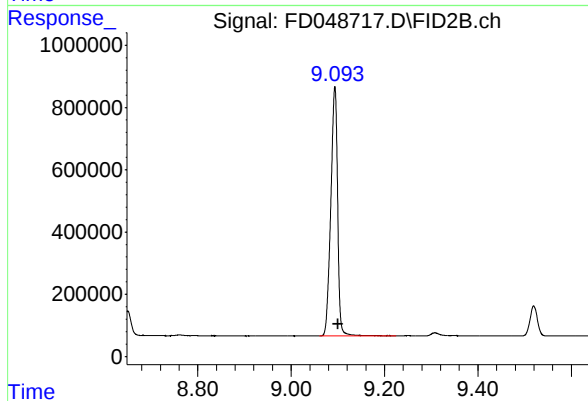
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.216 min
Delta R.T.: -0.012 min
Response: 4909438
Conc: 50.00 ug/ml



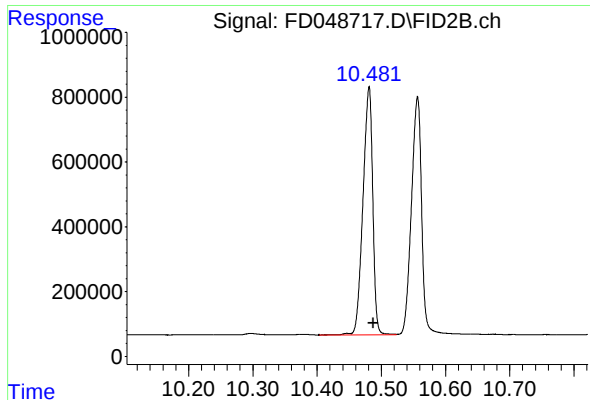
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 8057254
Conc: 45.43 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.093 min
Delta R.T.: -0.007 min
Response: 8131947
Conc: 48.11 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.480 min
Delta R.T.: -0.007 min
Response: 8114259
Conc: 49.09 ug/ml

Instrument :

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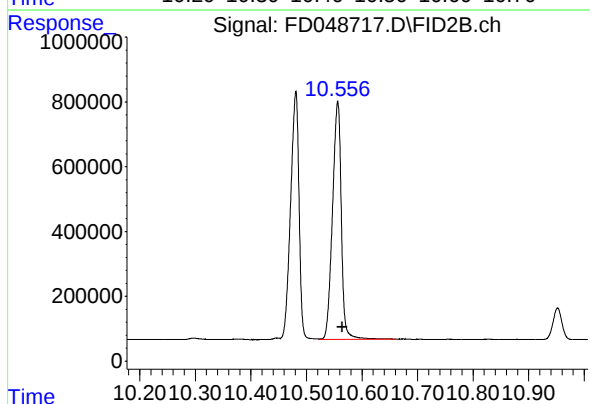
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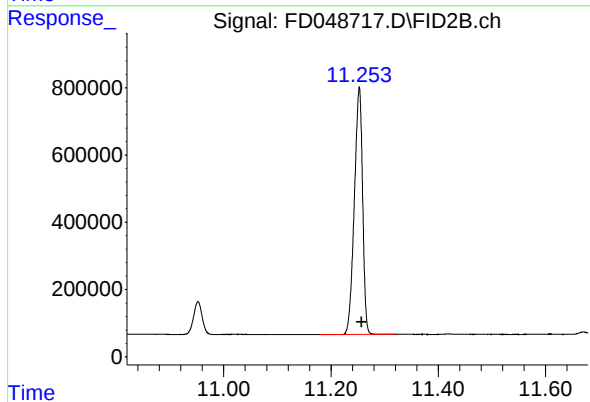
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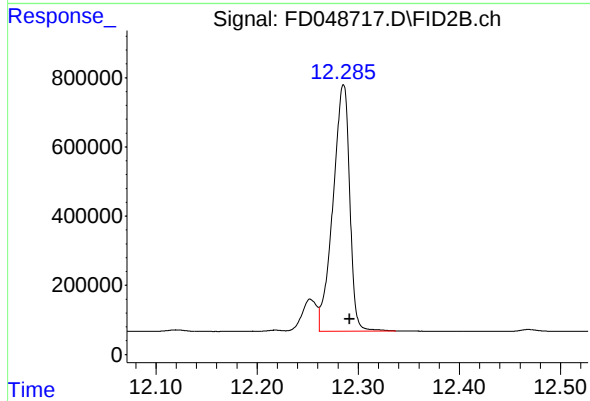
#10 Anthracene (C19.43)

R.T.: 10.556 min
Delta R.T.: -0.009 min
Response: 8096300
Conc: 50.63 ug/ml



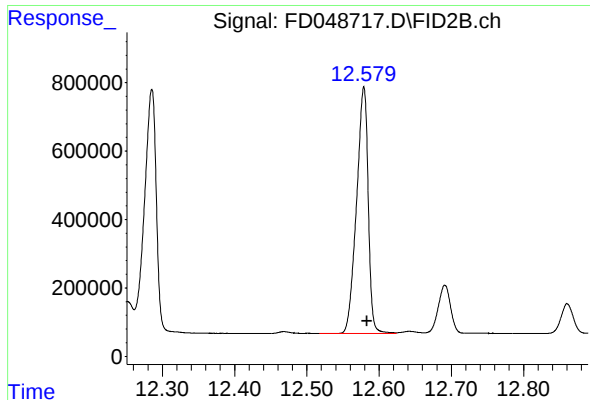
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: -0.005 min
Response: 7844218
Conc: 46.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.285 min
Delta R.T.: -0.006 min
Response: 8182167
Conc: 49.72 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.578 min
Delta R.T.: -0.005 min
Response: 8060535
Conc: 50.04 ug/ml

Instrument :

FID_D

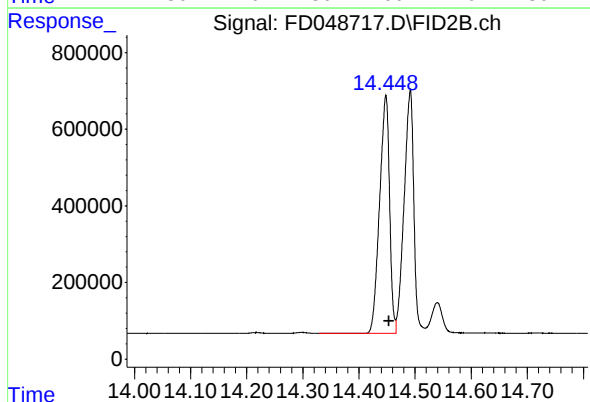
ClientSampleId :

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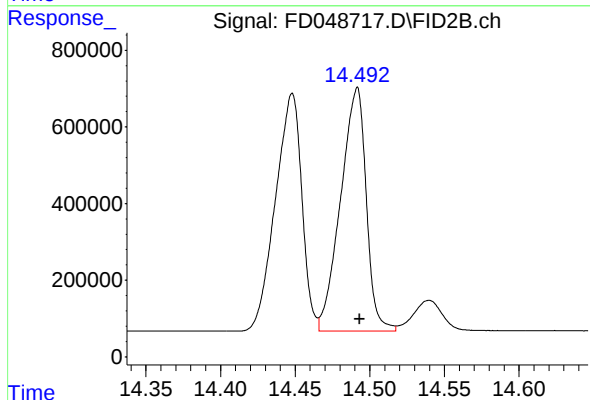
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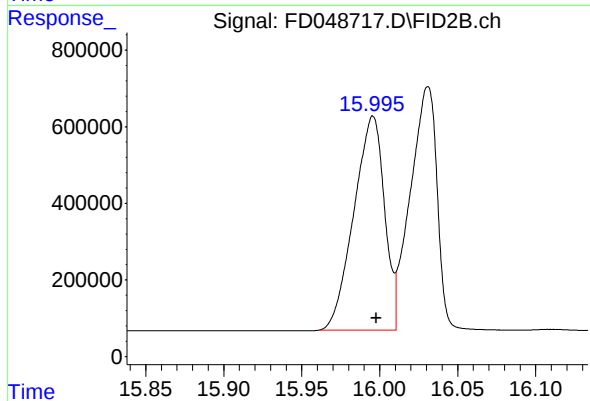
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: -0.006 min
Response: 7631011
Conc: 52.19 ug/ml



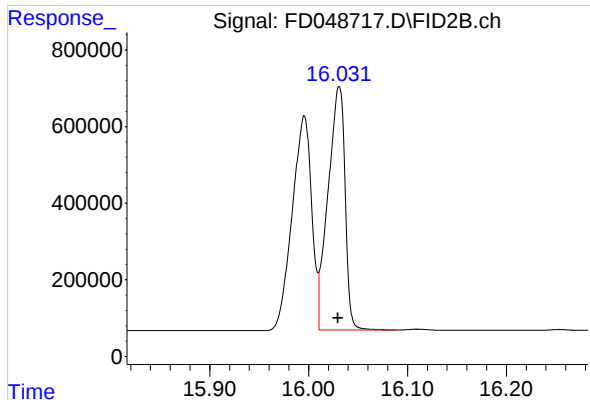
#15 Chrysene (C27.41)

R.T.: 14.491 min
Delta R.T.: -0.003 min
Response: 7592076
Conc: 46.15 ug/ml



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

R.T.: 15.995 min
Delta R.T.: -0.003 min
Response: 7655518
Conc: 50.36 ug/ml



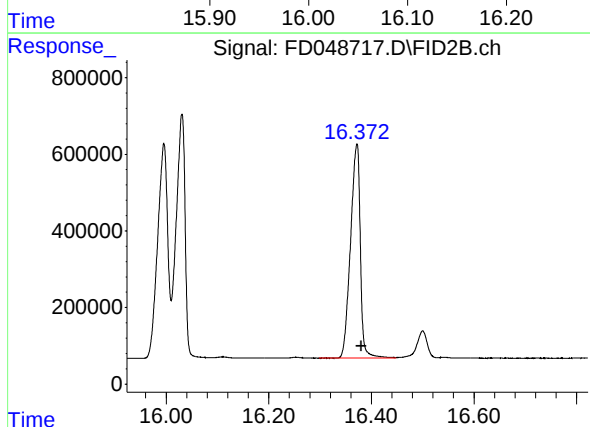
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.030 min
Delta R.T.: 0.000 min
Response: 7592261
Conc: 50.51 ug/ml

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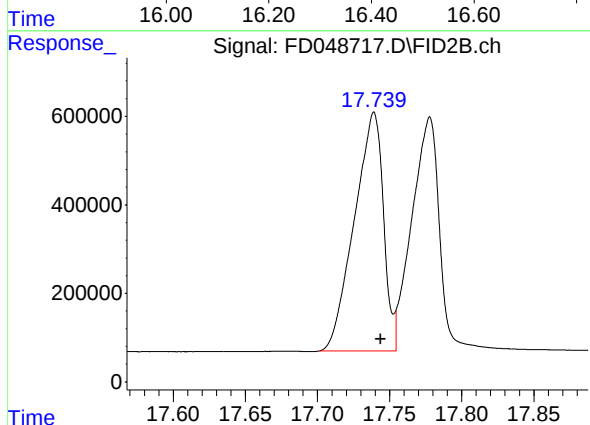
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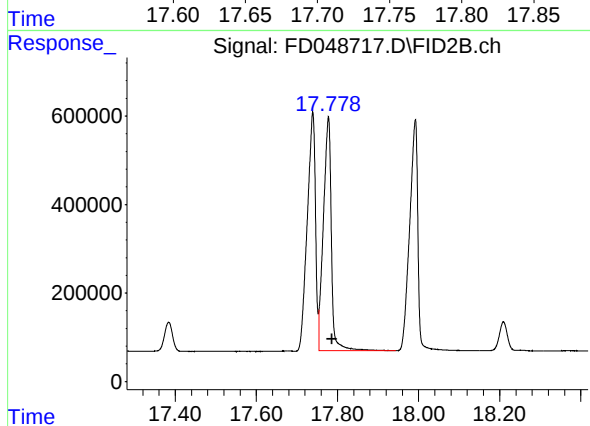
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.010 min
Response: 7398779
Conc: 49.16 ug/ml



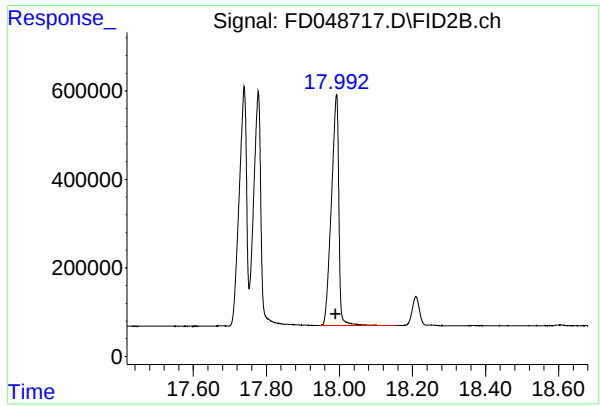
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min
Delta R.T.: -0.005 min
Response: 7596359
Conc: 58.22 ug/ml



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

R.T.: 17.777 min
Delta R.T.: -0.010 min
Response: 7225222
Conc: 44.40 ug/ml



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

R.T.: 17.991 min
Delta R.T.: 0.001 min
Response: 7378352
Conc: 48.20 ug/ml

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