

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112923AR\
 Data File : FD046978.D
 Signal(s) : FID2B.ch
 Acq On : 29 Nov 2023 18:00
 Operator : YP/AJ
 Sample : PB157457BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB157457BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :Ankita Jodhani 11/30/2023

Integration File: autoint1.e
 Quant Time: Nov 29 23:48:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 2023
 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...	7.477	7111553	41.106 ug/ml
Spiked Amount 50.000		Recovery =	82.21%
6) S 2-Fluorobiphenyl (SURR)	8.330	4266925	39.239 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.48%
11) S ortho-Terphenyl (SURR)	11.368	7422628	37.300 ug/ml
Spiked Amount 50.000		Recovery =	74.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.289	4795906	25.776 ug/mlm
2) T Naphthalene (C11.7)	5.815	5788251	30.396 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	6056801	31.452 ug/ml
5) T Acenaphthylene (C15.06)	8.133	6671830	38.327 ug/ml
7) T Acenaphthene (C15.5)	8.429	6668313	35.957 ug/ml
8) T Fluorene (C16.55)	9.207	6884280	39.883 ug/ml
9) T Phenanthrene (C19.36)	10.596	6911386	42.095 ug/ml
10) T Anthracene (C19.43)	10.671	6662285	43.082 ug/ml
12) T Fluoranthene (C21.85)	12.400	6960541	43.916 ug/ml
13) T Pyrene (C20.8)	12.694	6963926	45.515 ug/ml
14) T Benzo[a]anthracene (C...	14.558	6040253	46.584 ug/ml
15) T Chrysene (C27.41)	14.602	6106711	42.605 ug/ml
16) T benzo[b]fluoranthene ...	16.101	6037101	45.198 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	5875652	43.006 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	5603597	42.772 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	5631347	47.195 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	5286395	40.684 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	5458167	41.716 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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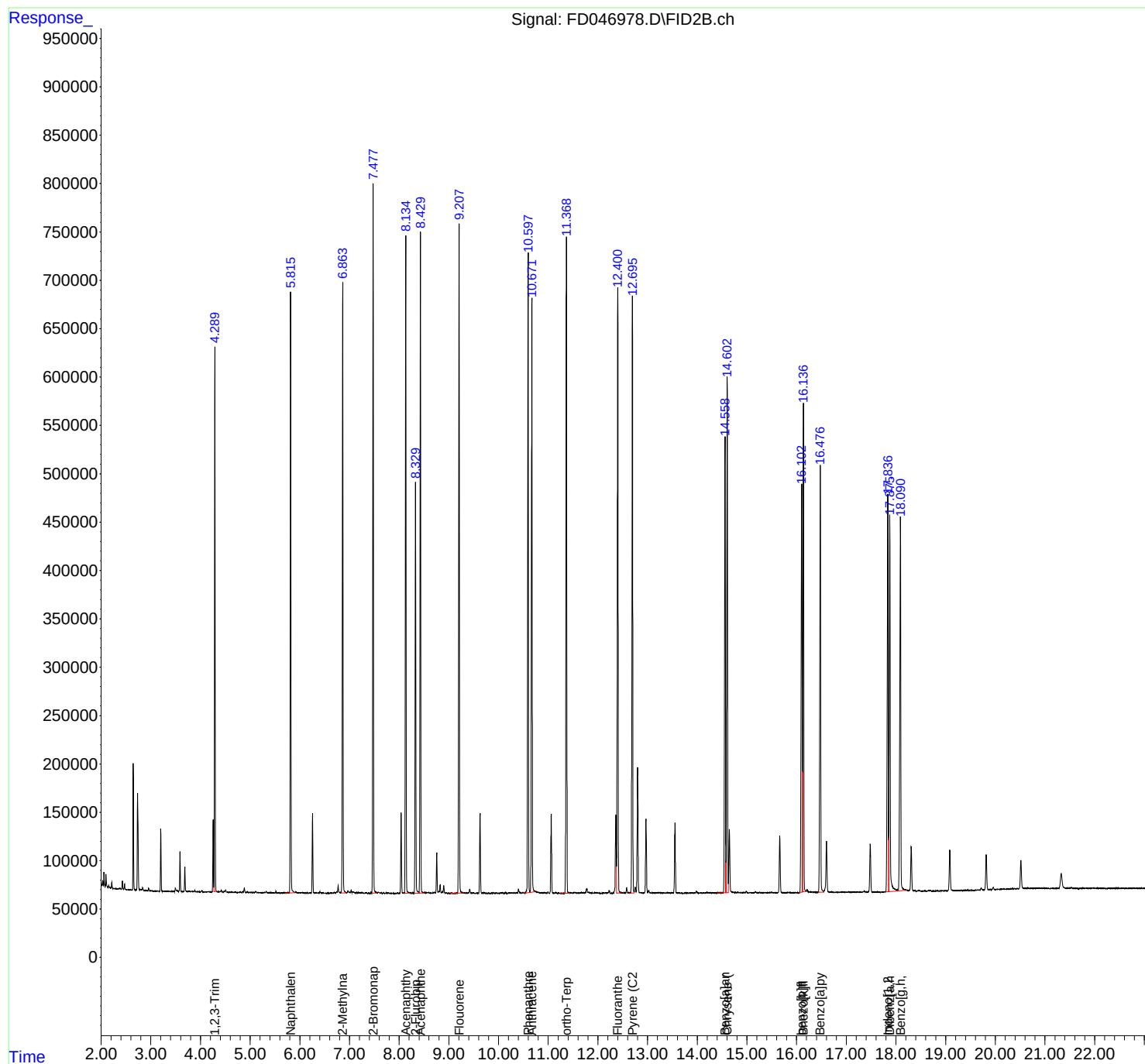
Instrument :
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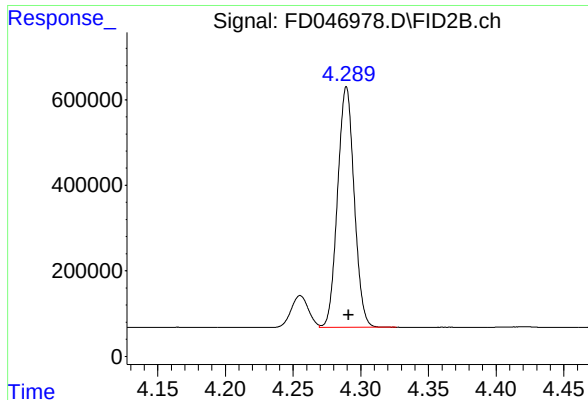
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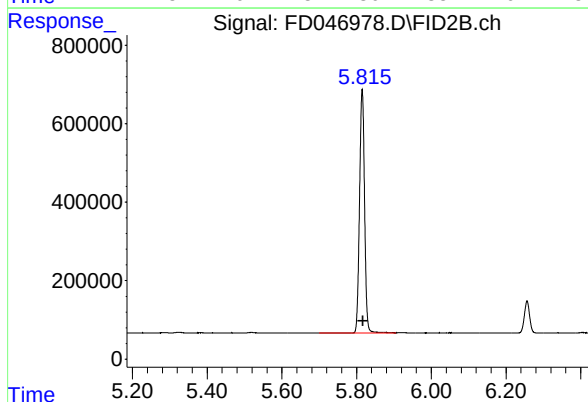
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 4795906
Conc: 25.78 ug/ml

Instrument :
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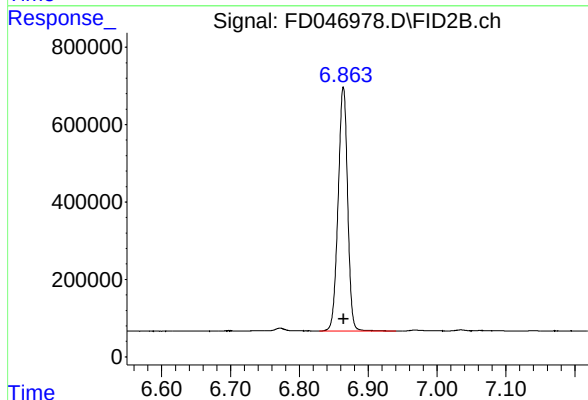
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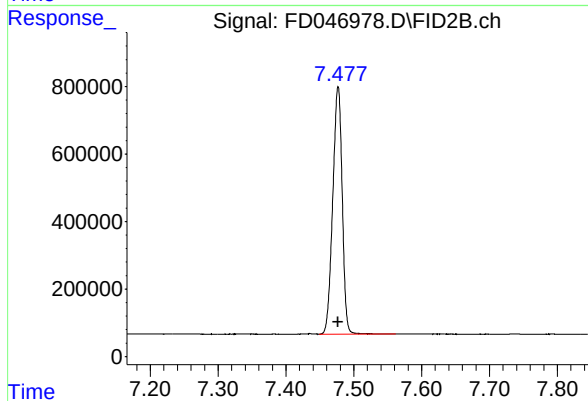
#2 Naphthalene (C11.7)

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 5788251
Conc: 30.40 ug/ml



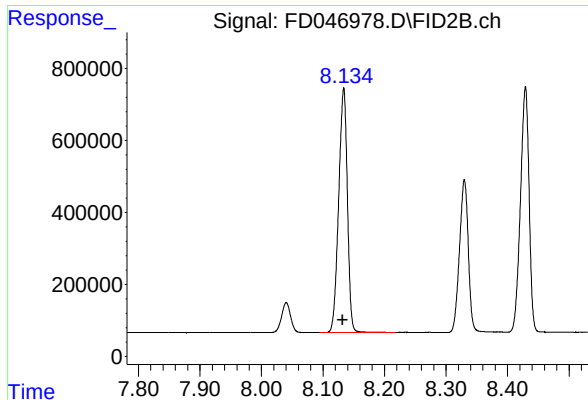
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 6056801
Conc: 31.45 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 7111553
Conc: 41.11 ug/ml



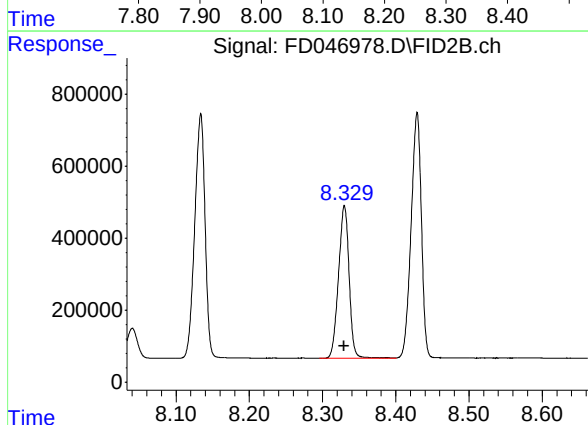
#5 Acenaphthylene (C15.06)

R.T.: 8.133 min
Delta R.T.: 0.001 min
Response: 6671830
Conc: 38.33 ug/ml

Instrument :
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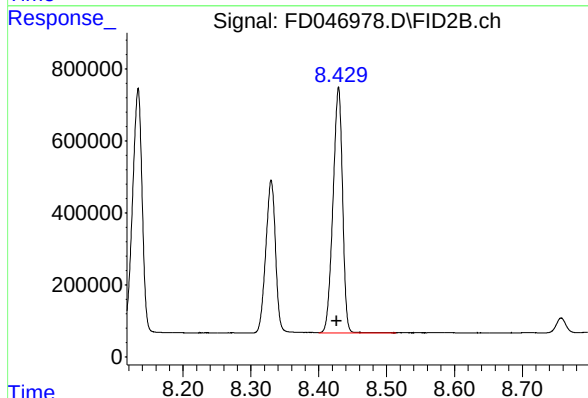
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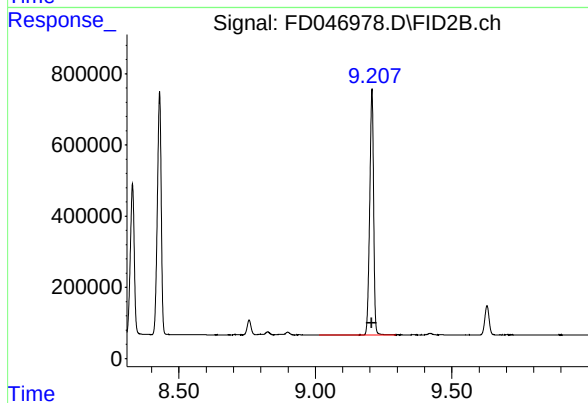
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 4266925
Conc: 39.24 ug/ml



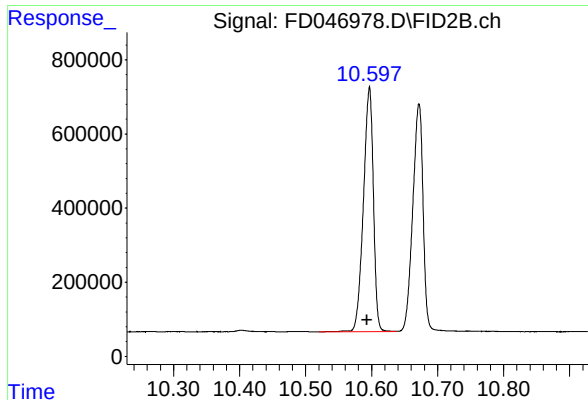
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: 0.002 min
Response: 6668313
Conc: 35.96 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.207 min
Delta R.T.: 0.001 min
Response: 6884280
Conc: 39.88 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.596 min
Delta R.T.: 0.003 min
Response: 6911386
Conc: 42.09 ug/ml

Instrument :

FID_D

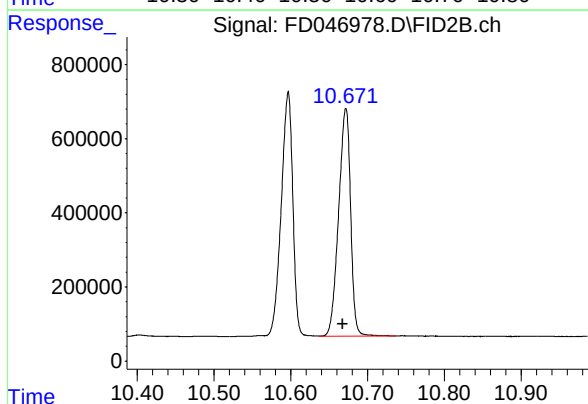
ClientSampleId :

PB157457BSD

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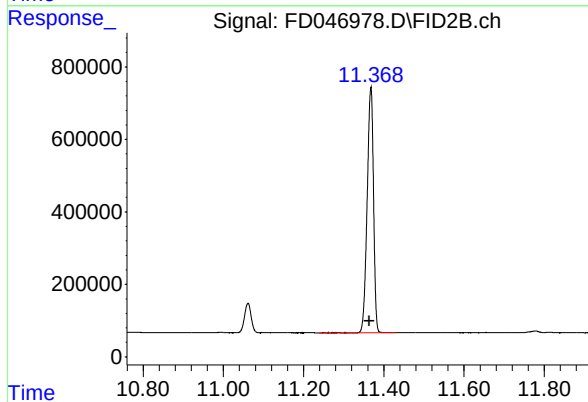
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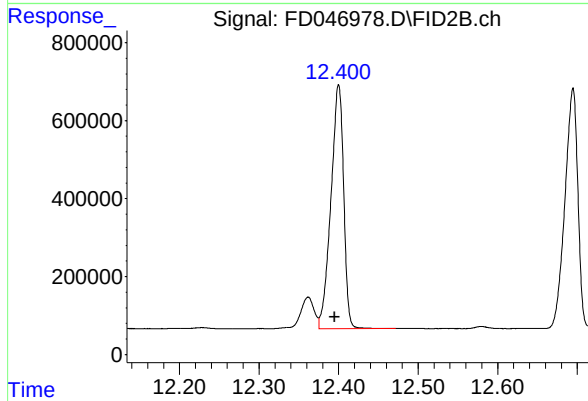
#10 Anthracene (C19.43)

R.T.: 10.671 min
Delta R.T.: 0.004 min
Response: 6662285
Conc: 43.08 ug/ml



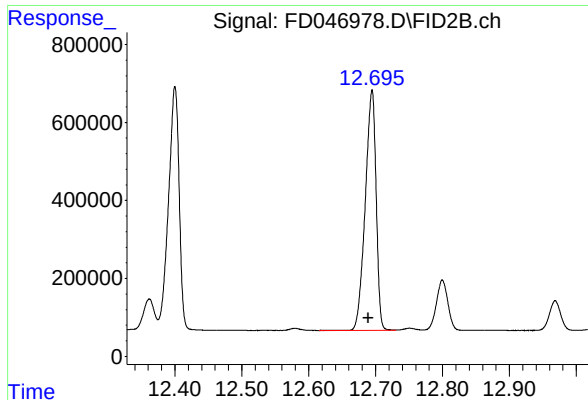
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.003 min
Response: 7422628
Conc: 37.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.400 min
Delta R.T.: 0.005 min
Response: 6960541
Conc: 43.92 ug/ml



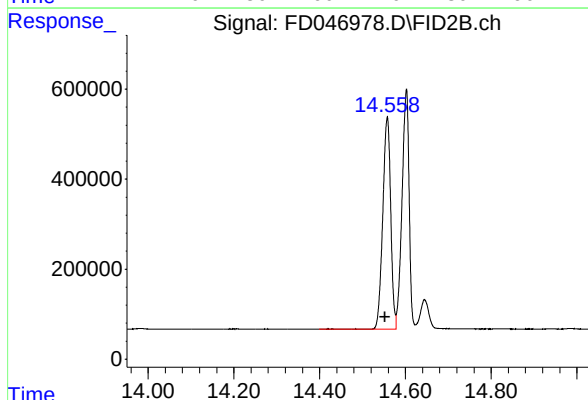
#13 Pyrene (C20.8)

R.T.: 12.694 min
Delta R.T.: 0.005 min
Response: 6963926
Conc: 45.52 ug/ml

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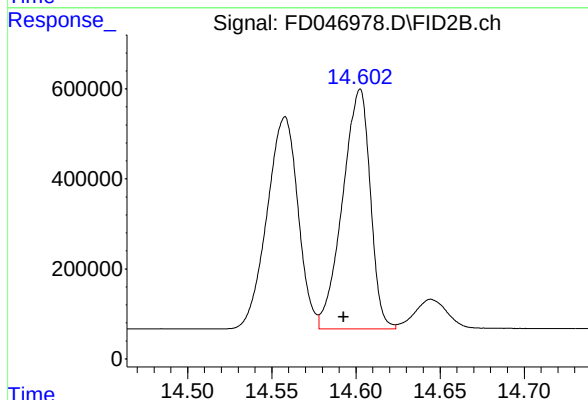
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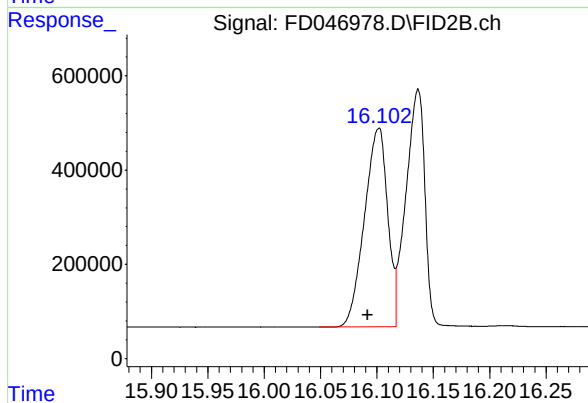
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.558 min
Delta R.T.: 0.005 min
Response: 6040253
Conc: 46.58 ug/ml



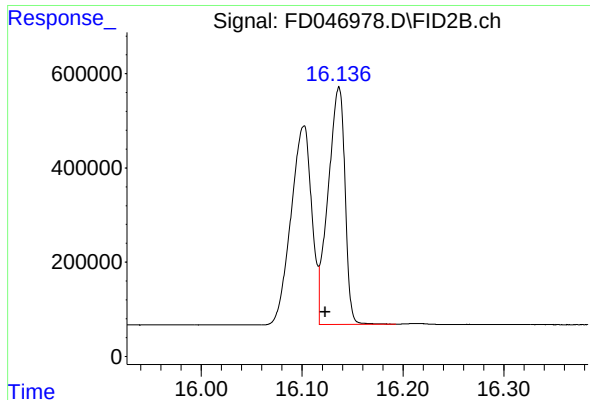
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: 0.009 min
Response: 6106711
Conc: 42.60 ug/ml



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

R.T.: 16.101 min
Delta R.T.: 0.009 min
Response: 6037101
Conc: 45.20 ug/ml



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

R.T.: 16.136 min
Delta R.T.: 0.013 min
Response: 5875652
Conc: 43.01 ug/ml

Instrument :

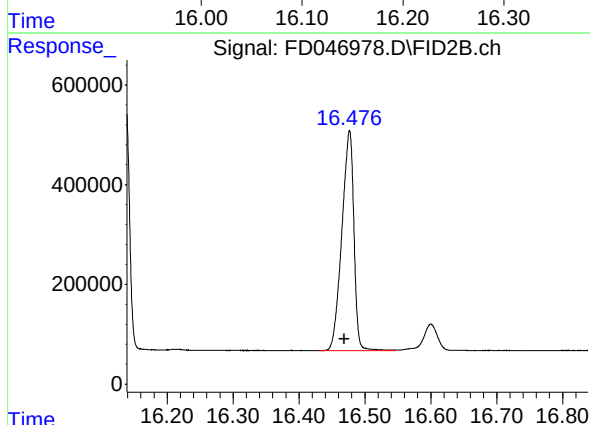
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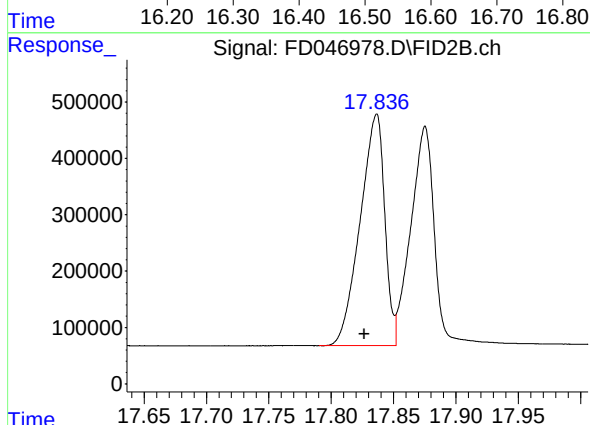
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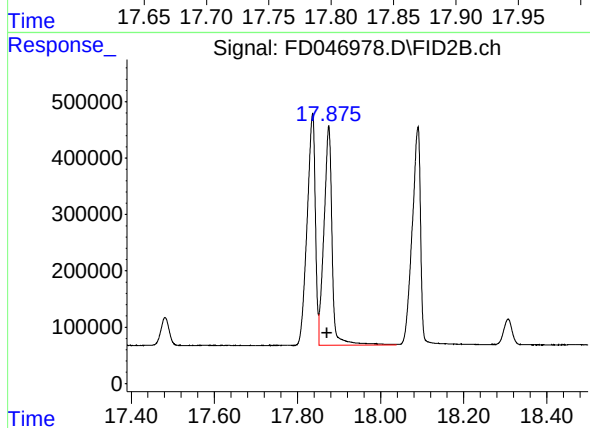
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: 0.007 min
Response: 5603597
Conc: 42.77 ug/ml



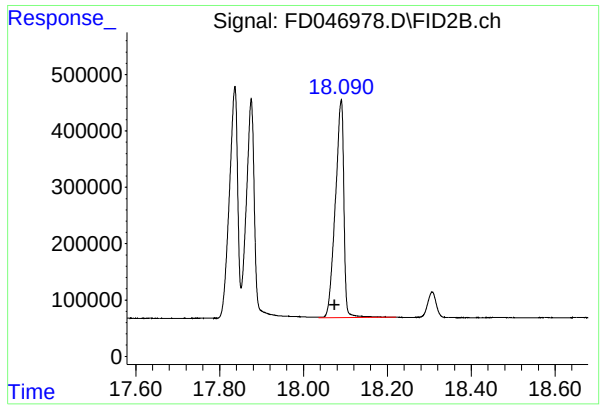
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.009 min
Response: 5631347
Conc: 47.20 ug/ml



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

R.T.: 17.875 min
Delta R.T.: 0.004 min
Response: 5286395
Conc: 40.68 ug/ml



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

R.T.: 18.089 min
Delta R.T.: 0.015 min
Response: 5458167
Conc: 41.72 ug/ml

Instrument :

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ClientSampleId :

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