

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048241.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2024 21:35
 Operator : YP/AJ
 Sample : P3732-03MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

UI-3MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2024

Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e

Quant Time: Aug 30 02:59:47 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M

Quant Title : GC Extractables

QLast Update : Mon Aug 12 16:16:10 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...	7.393	5246426	35.149 ug/ml
Spiked Amount 50.000		Recovery =	70.30%
6) S 2-Fluorobiphenyl (SURR)	8.243	3163038	33.046 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.09%
11) S ortho-Terphenyl (SURR)	11.279	4540117	26.953 ug/ml
Spiked Amount 50.000		Recovery =	53.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.213	3305323	19.391 ug/mlm
2) T Naphthalene (C11.7)	5.732	4000750	22.960 ug/ml
3) T 2-Methylnaphthalene (...)	6.780	4315960	24.818 ug/ml
5) T Acenaphthylene (C15.06)	8.046	4935219	28.663 ug/ml
7) T Acenaphthene (C15.5)	8.341	4693471	27.106 ug/ml
8) T Fluorene (C16.55)	9.119	5166287	31.328 ug/ml
9) T Phenanthrene (C19.36)	10.507	5431002	33.934 ug/ml
10) T Anthracene (C19.43)	10.582	5067734	32.307 ug/ml
12) T Fluoranthene (C21.85)	12.312	6876060	43.187 ug/ml
13) T Pyrene (C20.8)	12.605	5767266	36.749 ug/ml
14) T Benzo[a]anthracene (C...	14.474	5648880	40.102 ug/ml
15) T Chrysene (C27.41)	14.515	5705089	35.791 ug/ml
16) T benzo[b]fluoranthene ...	16.020	6231289	41.970 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.054	5700899	38.429 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.396	5683612	38.593 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.763	6183403	50.585 ug/ml
20) T Dibenz[a,h]anthracene...	17.800	5700339	37.316 ug/ml
21) T Benzo[g,h,i]perylene ...	18.013	5529698	36.618 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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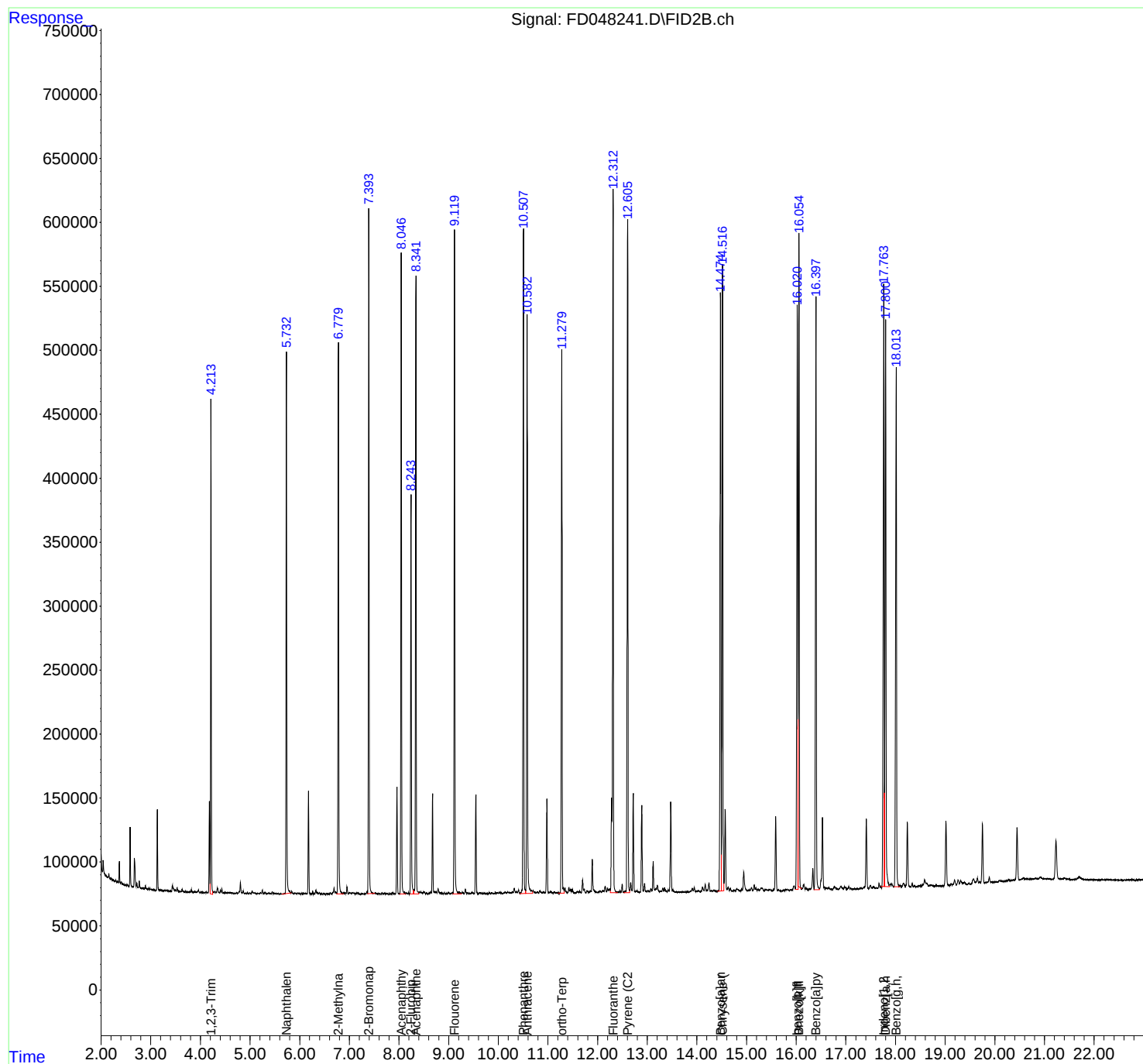
Response via : Initial Calibration

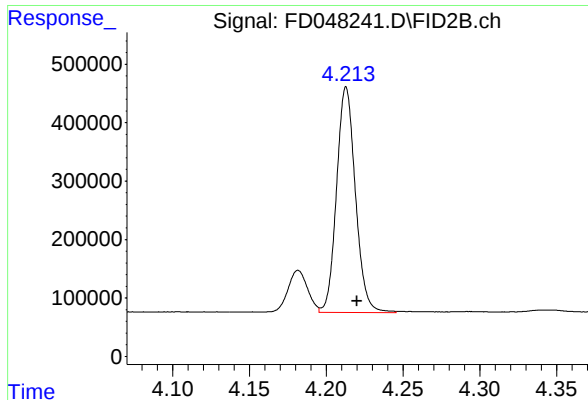
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





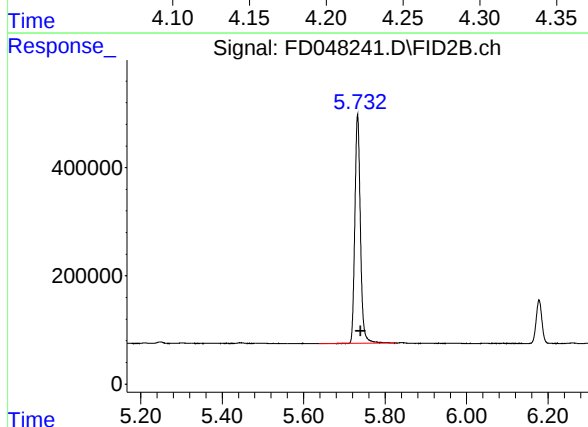
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.213 min
Delta R.T.: -0.007 min
Response: 3305323
Conc: 19.39 ug/ml

Instrument :
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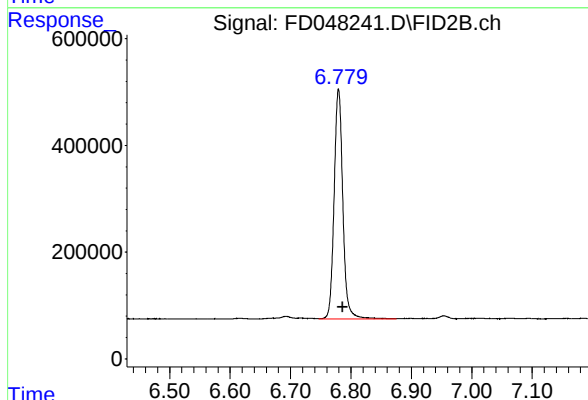
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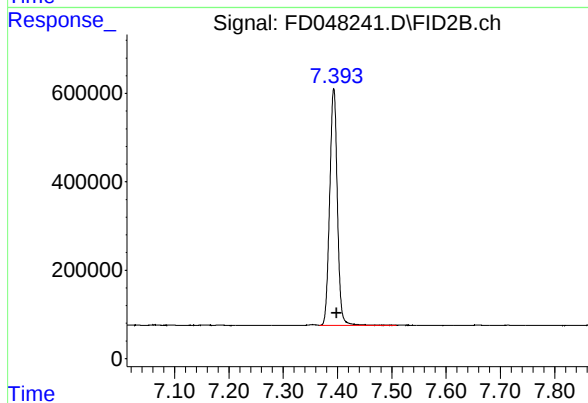
#2 Naphthalene (C11.7)

R.T.: 5.732 min
Delta R.T.: -0.008 min
Response: 4000750
Conc: 22.96 ug/ml



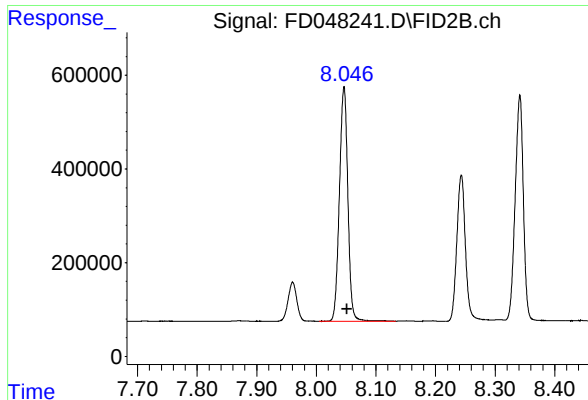
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.780 min
Delta R.T.: -0.007 min
Response: 4315960
Conc: 24.82 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.393 min
Delta R.T.: -0.005 min
Response: 5246426
Conc: 35.15 ug/ml



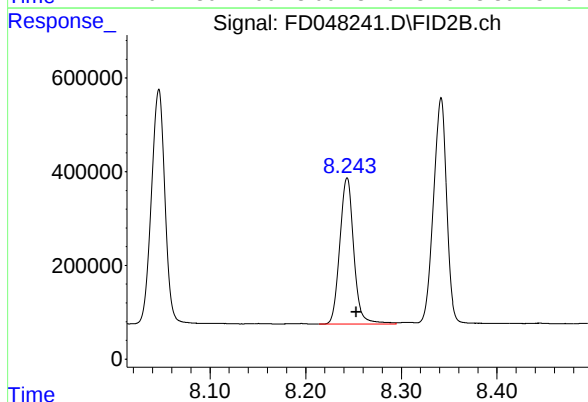
#5 Acenaphthylene (C15.06)

R.T.: 8.046 min
Delta R.T.: -0.005 min
Response: 4935219
Conc: 28.66 ug/ml

Instrument :
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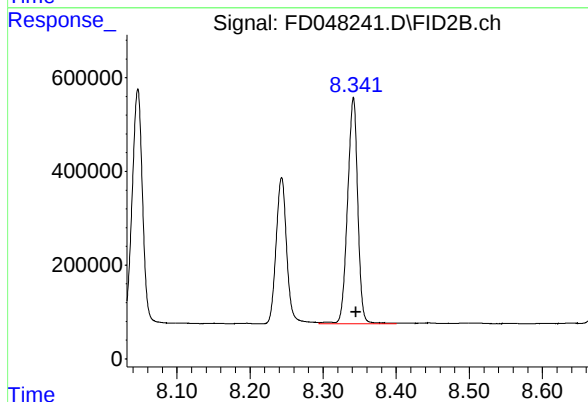
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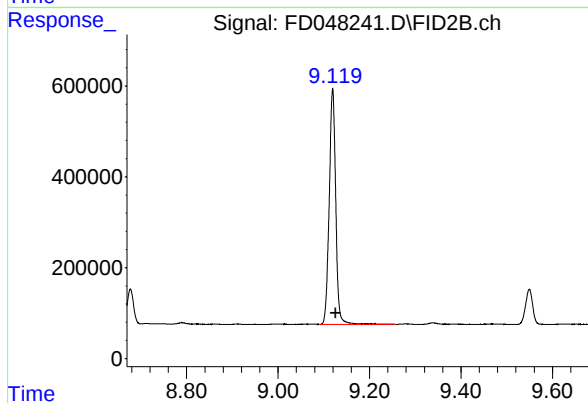
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.243 min
Delta R.T.: -0.010 min
Response: 3163038
Conc: 33.05 ug/ml



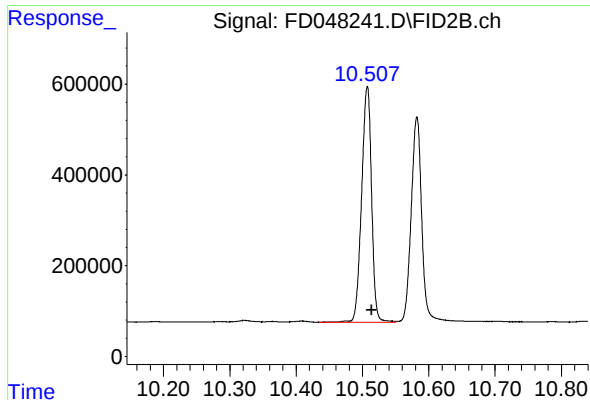
#7 Acenaphthene (C15.5)

R.T.: 8.341 min
Delta R.T.: -0.004 min
Response: 4693471
Conc: 27.11 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.119 min
Delta R.T.: -0.006 min
Response: 5166287
Conc: 31.33 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.507 min
Delta R.T.: -0.007 min
Response: 5431002
Conc: 33.93 ug/ml

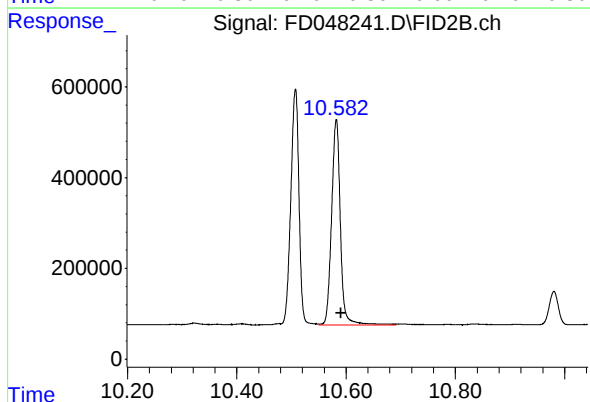
Instrument :

FID_D

ClientSampleId :
UI-3MSD

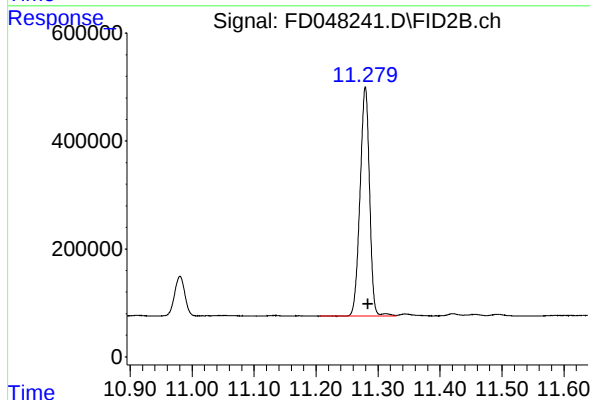
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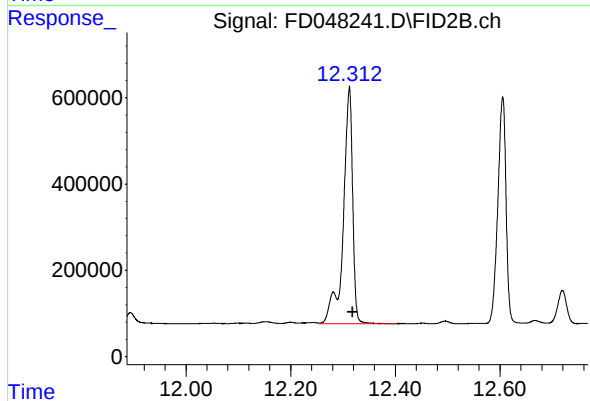
#10 Anthracene (C19.43)

R.T.: 10.582 min
Delta R.T.: -0.009 min
Response: 5067734
Conc: 32.31 ug/ml



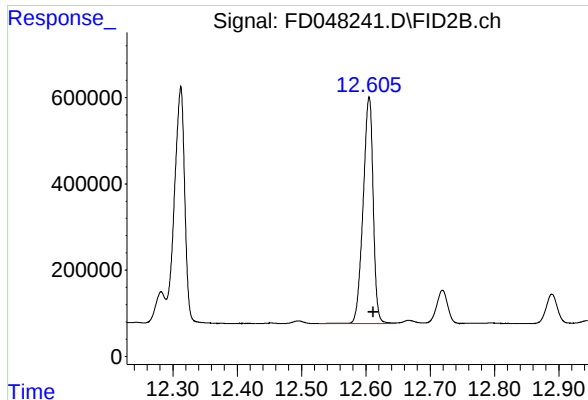
#11 ortho-Terphenyl (SURR)

R.T.: 11.279 min
Delta R.T.: -0.005 min
Response: 4540117
Conc: 26.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.312 min
Delta R.T.: -0.007 min
Response: 6876060
Conc: 43.19 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.605 min
Delta R.T.: -0.007 min
Response: 5767266
Conc: 36.75 ug/ml

Instrument :

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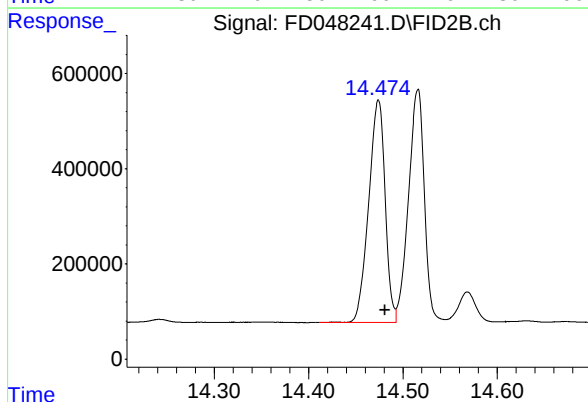
ClientSampleId :

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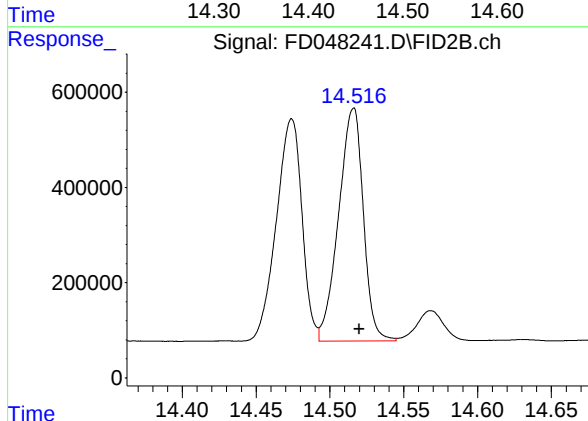
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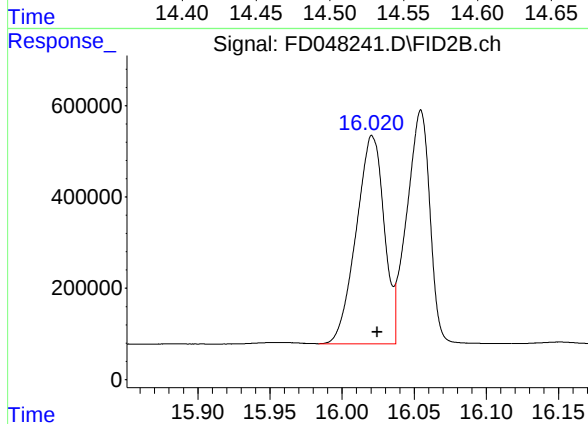
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min
Delta R.T.: -0.007 min
Response: 5648880
Conc: 40.10 ug/ml



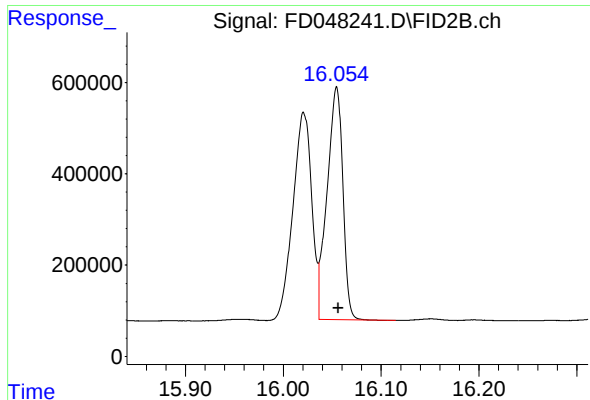
#15 Chrysene (C27.41)

R.T.: 14.515 min
Delta R.T.: -0.005 min
Response: 5705089
Conc: 35.79 ug/ml



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

R.T.: 16.020 min
Delta R.T.: -0.004 min
Response: 6231289
Conc: 41.97 ug/ml m



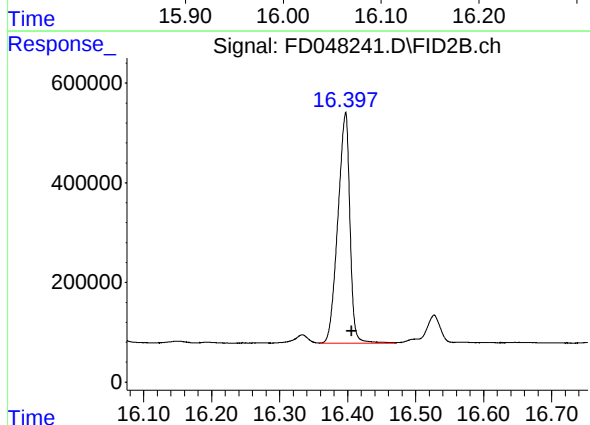
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.054 min
Delta R.T.: -0.002 min
Response: 5700899
Conc: 38.43 ug/ml

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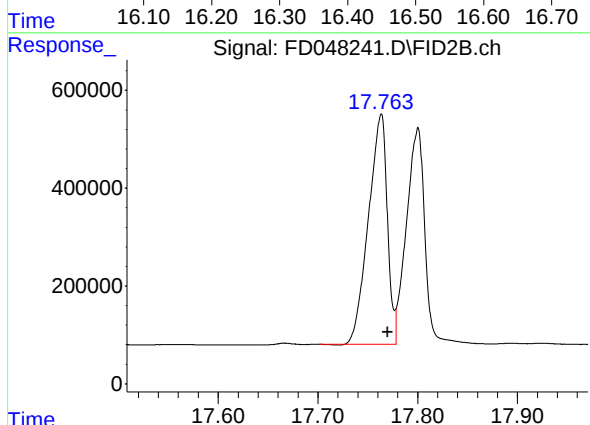
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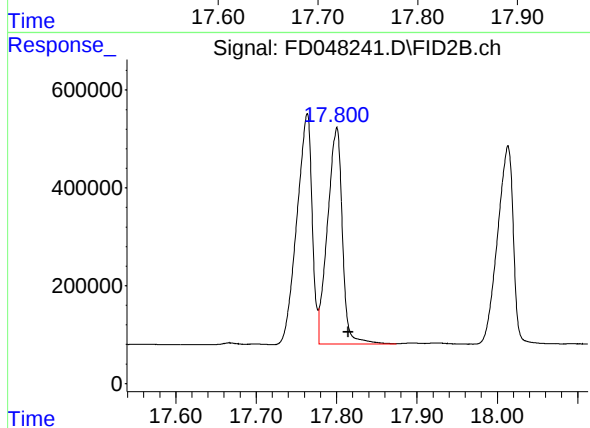
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.396 min
Delta R.T.: -0.010 min
Response: 5683612
Conc: 38.59 ug/ml



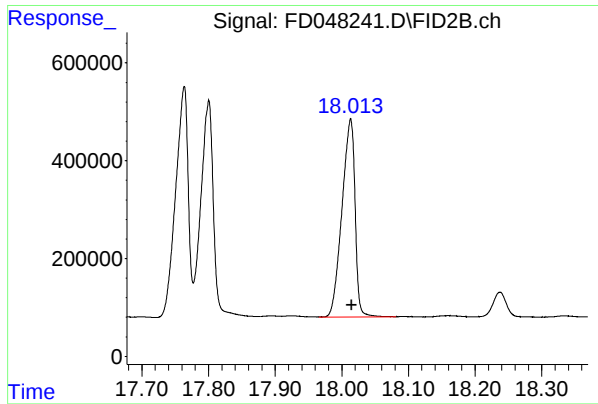
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.763 min
Delta R.T.: -0.007 min
Response: 6183403
Conc: 50.59 ug/ml



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

R.T.: 17.800 min
Delta R.T.: -0.015 min
Response: 5700339
Conc: 37.32 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.002 min
Response: 5529698
Conc: 36.62 ug/ml

Instrument :

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