

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048163.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 17:39
 Operator : YP/AJ
 Sample : PB162552BSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB162552BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e

Quant Time: Aug 08 03:20:46 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M

Quant Title : GC Extractables

QLast Update : Mon Jul 15 13:13:15 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...	7.401	6019949	40.504 ug/ml
Spiked Amount 50.000		Recovery =	81.01%
6) S 2-Fluorobiphenyl (SURR)	8.251	2982367	31.513 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	63.03%
11) S ortho-Terphenyl (SURR)	11.290	7328502	43.800 ug/ml
Spiked Amount 50.000		Recovery =	87.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.219	3821492	22.821 ug/ml
2) T Naphthalene (C11.7)	5.739	4676689	27.062 ug/ml
3) T 2-Methylnaphthalene (...)	6.787	4978918	28.701 ug/ml
5) T Acenaphthylene (C15.06)	8.055	6055219	35.334 ug/ml
7) T Acenaphthene (C15.5)	8.349	5477100	31.573 ug/ml
8) T Flouorene (C16.55)	9.129	6463845	39.797 ug/ml
9) T Phenanthrene (C19.36)	10.517	6645303	41.843 ug/ml
10) T Anthracene (C19.43)	10.592	6619025	41.919 ug/ml
12) T Fluoranthene (C21.85)	12.321	7574016	47.836 ug/ml
13) T Pyrene (C20.8)	12.616	6860598	43.386 ug/ml
14) T Benzo[a]anthracene (C...	14.484	6574256	48.153 ug/ml
15) T Chrysene (C27.41)	14.528	6652380	41.267 ug/ml
16) T benzo[b]fluoranthene ...	16.031	6545401	45.474 ug/ml
17) T Bnezo[k]fluoranthene ...	16.066	6572074	44.002 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.407	6256911	44.176 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.774	6665487	59.099 ug/mlm
20) T Dibenz[a,h]anthracene...	17.811	6296383	43.323 ug/ml
21) T Benzo[g,h,i]perylene ...	18.024	6102140	41.407 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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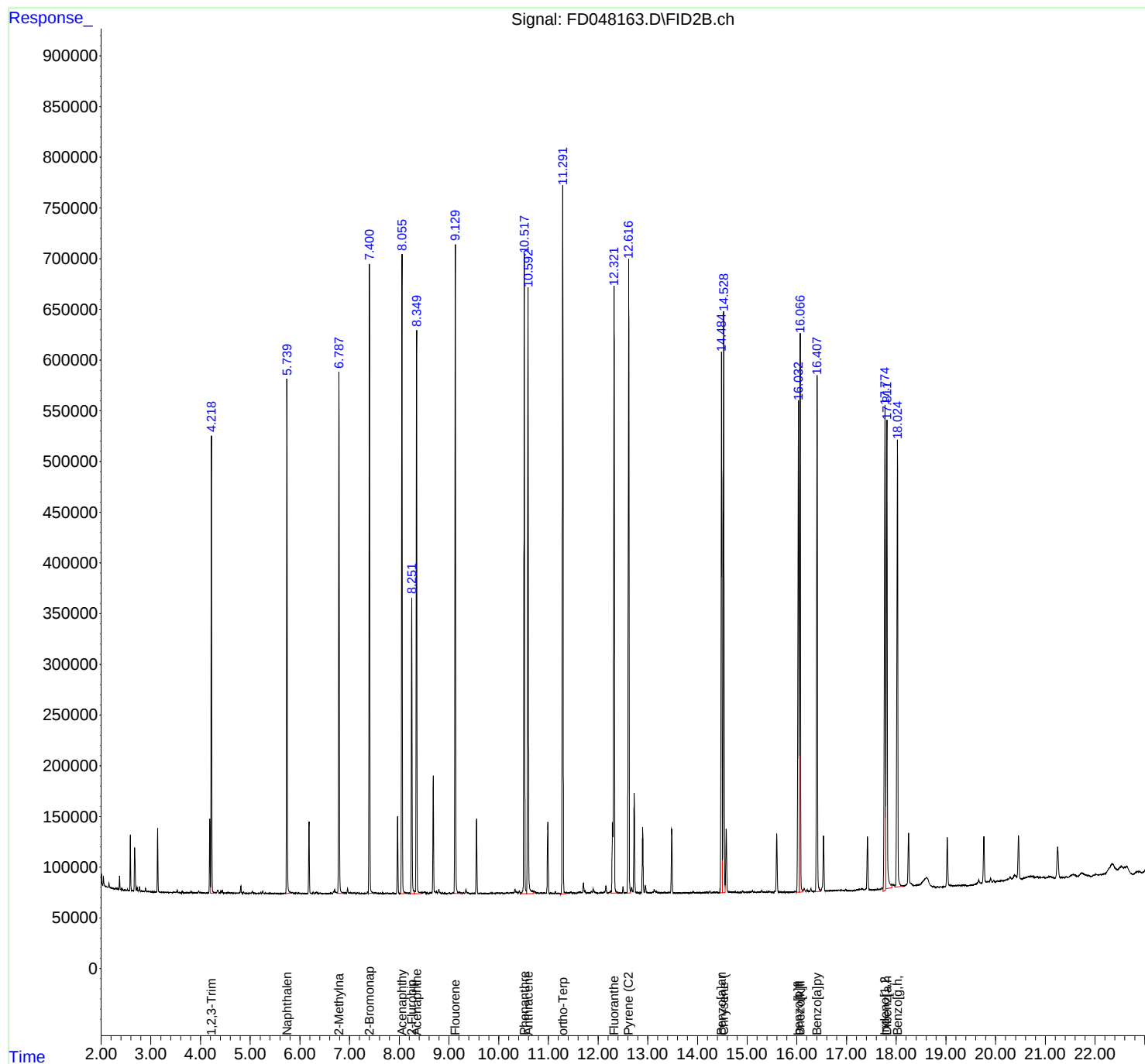
Instrument :
FID_D
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PB162552BSD

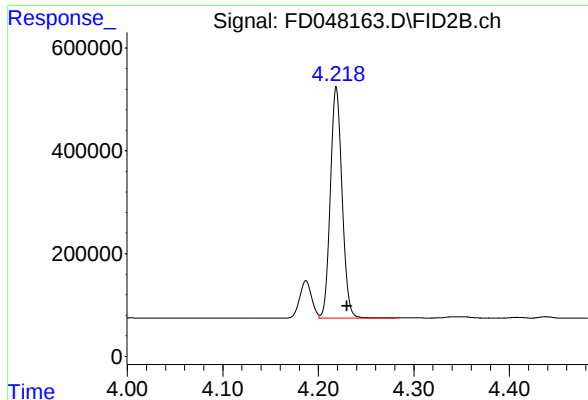
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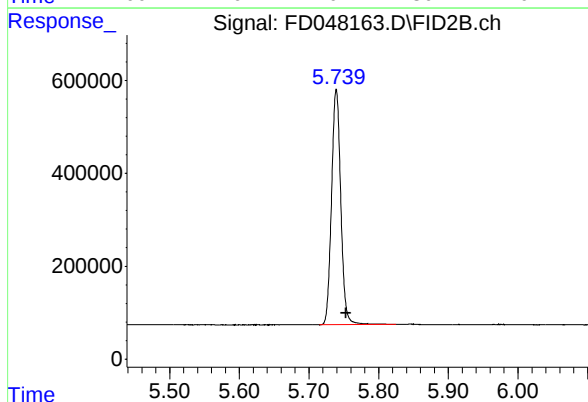
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.219 min
Delta R.T.: -0.011 min
Response: 3821492
Conc: 22.82 ug/ml

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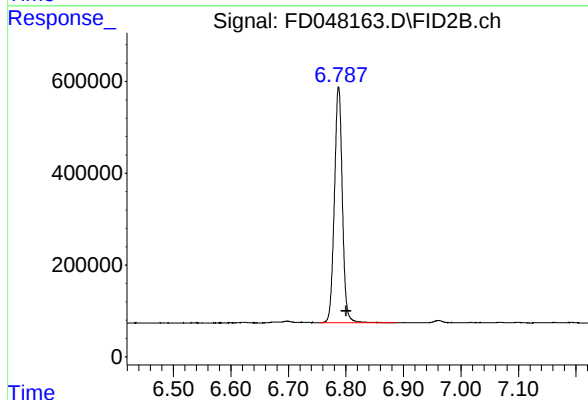
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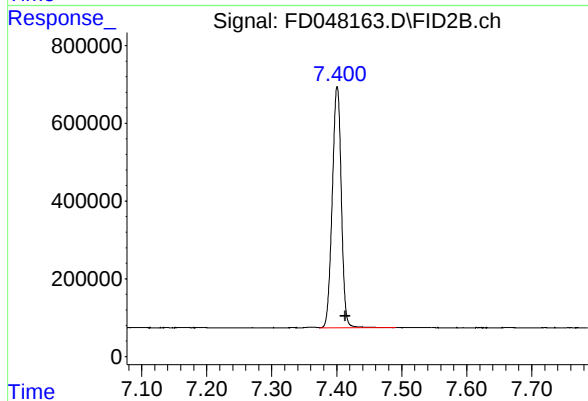
#2 Naphthalene (C11.7)

R.T.: 5.739 min
Delta R.T.: -0.014 min
Response: 4676689
Conc: 27.06 ug/ml



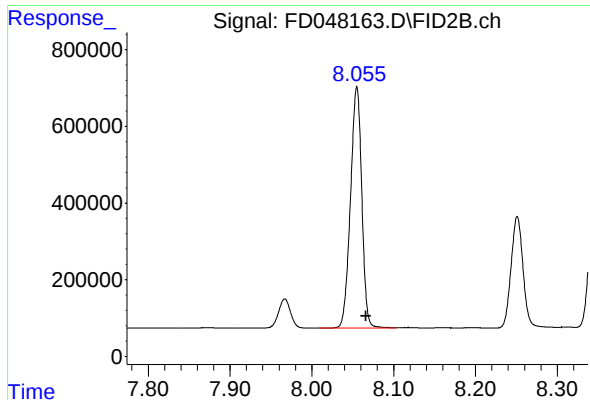
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.787 min
Delta R.T.: -0.014 min
Response: 4978918
Conc: 28.70 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.401 min
Delta R.T.: -0.013 min
Response: 6019949
Conc: 40.50 ug/ml



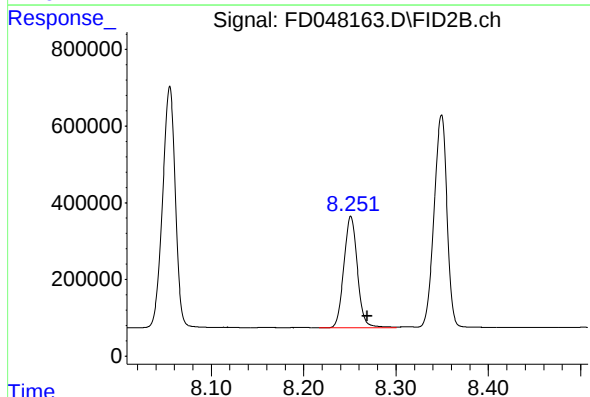
#5 Acenaphthylene (C15.06)

R.T.: 8.055 min
Delta R.T.: -0.012 min
Response: 6055219
Conc: 35.33 ug/ml

Instrument :
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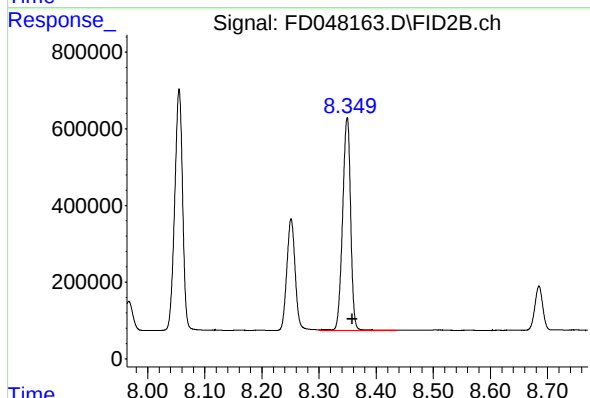
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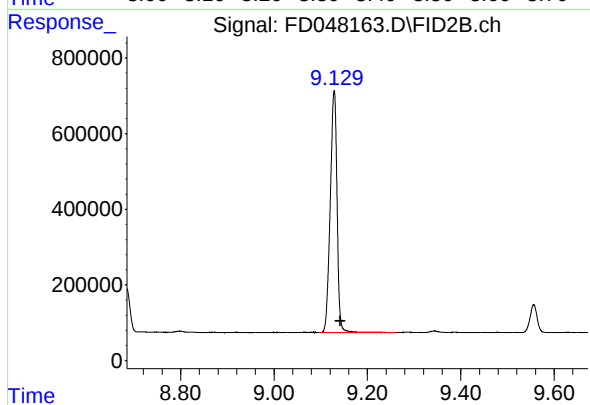
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.251 min
Delta R.T.: -0.018 min
Response: 2982367
Conc: 31.51 ug/ml



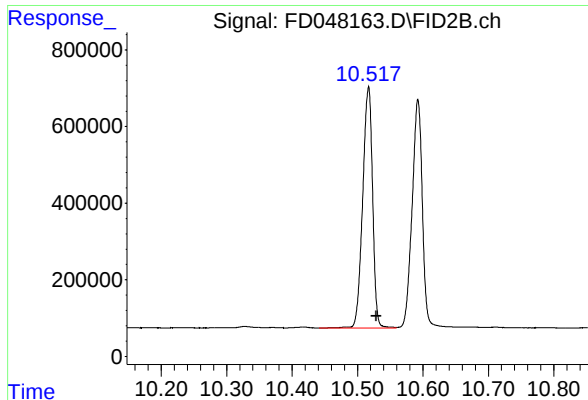
#7 Acenaphthene (C15.5)

R.T.: 8.349 min
Delta R.T.: -0.010 min
Response: 5477100
Conc: 31.57 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.129 min
Delta R.T.: -0.013 min
Response: 6463845
Conc: 39.80 ug/ml



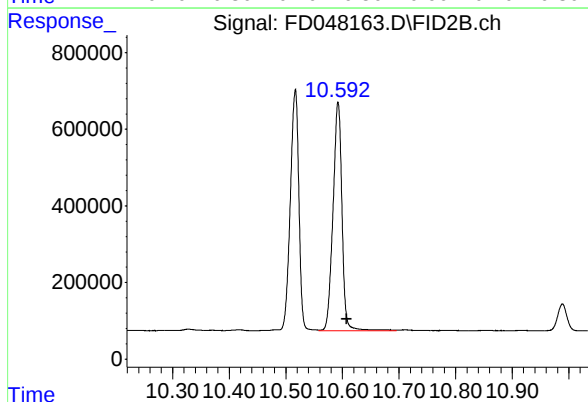
#9 Phenanthrene (C19.36)

R.T.: 10.517 min
Delta R.T.: -0.012 min
Response: 6645303
Conc: 41.84 ug/ml

Instrument :
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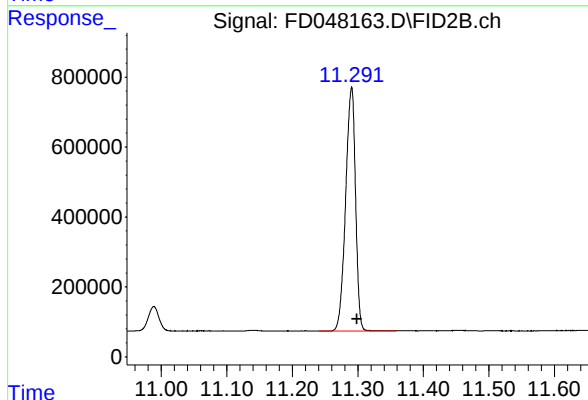
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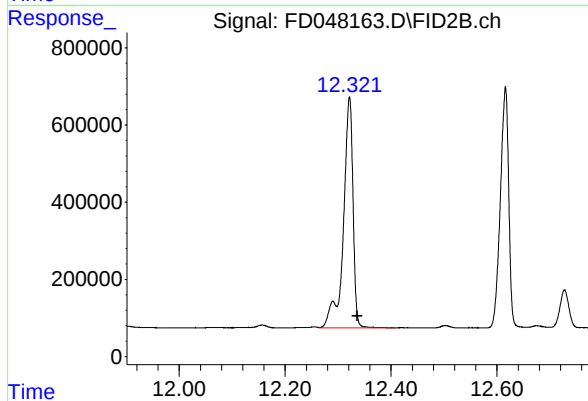
#10 Anthracene (C19.43)

R.T.: 10.592 min
Delta R.T.: -0.015 min
Response: 6619025
Conc: 41.92 ug/ml



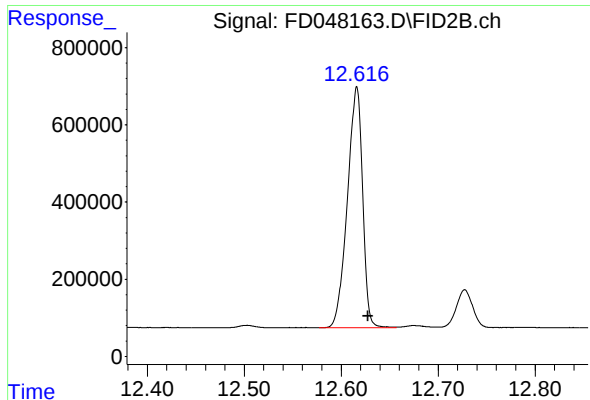
#11 ortho-Terphenyl (SURR)

R.T.: 11.290 min
Delta R.T.: -0.008 min
Response: 7328502
Conc: 43.80 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.321 min
Delta R.T.: -0.015 min
Response: 7574016
Conc: 47.84 ug/ml



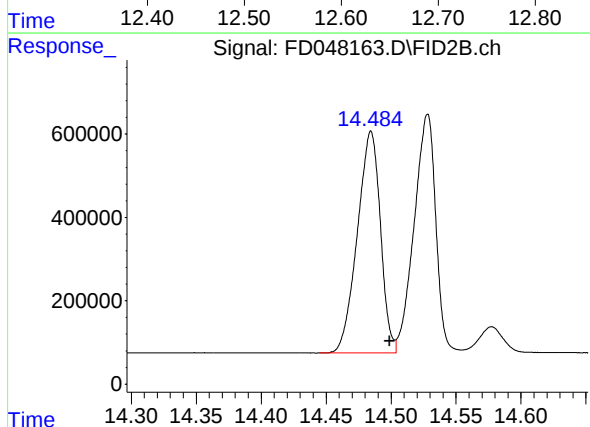
#13 Pyrene (C20.8)

R.T.: 12.616 min
Delta R.T.: -0.012 min
Response: 6860598
Conc: 43.39 ug/ml

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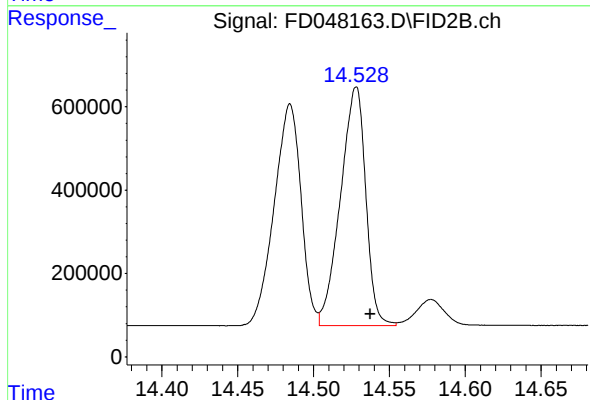
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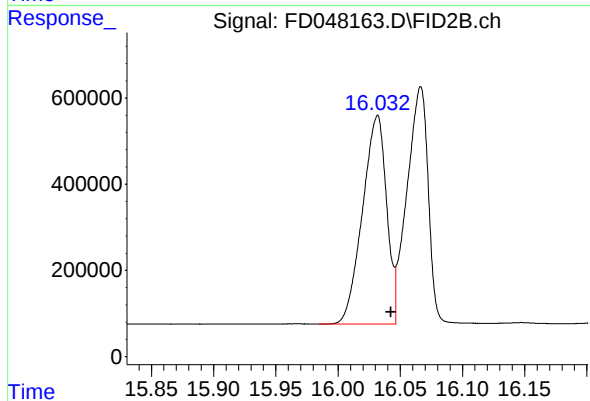
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.484 min
Delta R.T.: -0.015 min
Response: 6574256
Conc: 48.15 ug/ml



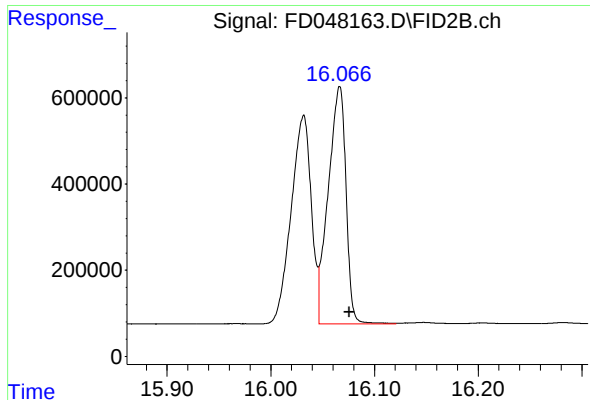
#15 Chrysene (C27.41)

R.T.: 14.528 min
Delta R.T.: -0.010 min
Response: 6652380
Conc: 41.27 ug/ml



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

R.T.: 16.031 min
Delta R.T.: -0.012 min
Response: 6545401
Conc: 45.47 ug/ml



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

R.T.: 16.066 min
Delta R.T.: -0.010 min
Response: 6572074
Conc: 44.00 ug/ml

Instrument :

FID_D

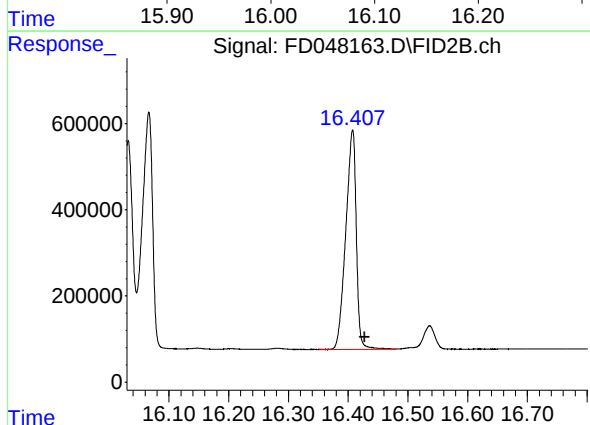
ClientSampleId :

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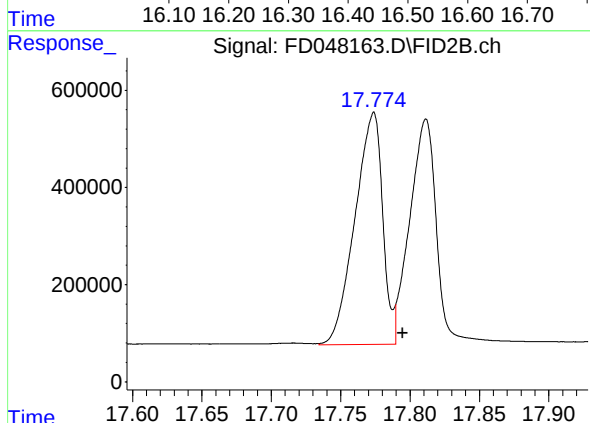
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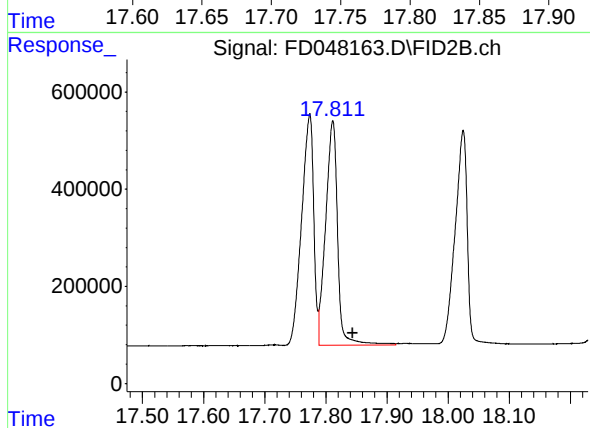
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.407 min
Delta R.T.: -0.021 min
Response: 6256911
Conc: 44.18 ug/ml



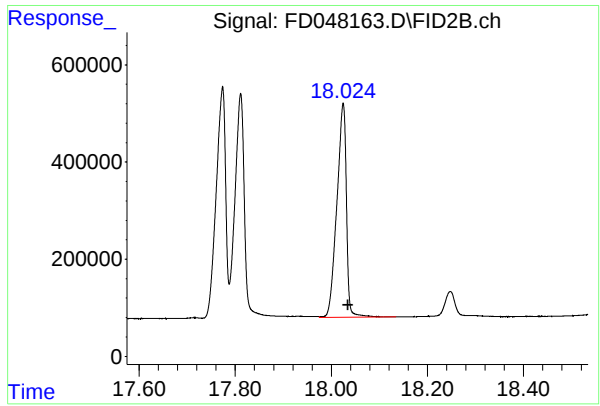
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.774 min
Delta R.T.: -0.021 min
Response: 6665487
Conc: 59.10 ug/ml m



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

R.T.: 17.811 min
Delta R.T.: -0.033 min
Response: 6296383
Conc: 43.32 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.011 min
Response: 6102140
Conc: 41.41 ug/ml

Instrument :

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