

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060122AR\
 Data File : FD042721.D
 Signal(s) : FID2B.CH
 Acq On : 01 Jun 2022 15:26
 Operator : UA/NP
 Sample : PB145150BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145150BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/02/2022
 Supervised By :Ankita Jodhani 06/02/2022

Integration File: autoint1.e
 Quant Time: Jun 02 04:46:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.667	2486461	16.271 ug/ml
Spiked Amount 50.000		Recovery =	32.54%
6) S 2-Fluorobiphenyl (SURR)	8.534	3301828	32.105 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.21%
11) S ortho-Terphenyl (SURR)	11.585	8216508	46.284 ug/ml
Spiked Amount 50.000		Recovery =	92.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.460	15454	0.092 ug/mlm
2) T Naphthalene (C11.7)	6.002	294134	1.701 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	1360581	8.532 ug/ml
5) T Acenaphthylene (C15.06)	8.335	3750243	21.706 ug/ml
7) T Acenaphthene (C15.5)	8.633	4607842	26.779 ug/ml
8) T Flouorene (C16.55)	9.417	6473053	38.557 ug/ml
9) T Phenanthrene (C19.36)	10.818	7991211	48.596 ug/ml
10) T Anthracene (C19.43)	10.893	8019214	52.467 ug/ml
12) T Fluoranthene (C21.85)	12.635	8377749	53.176 ug/ml
13) T Pyrene (C20.8)	12.934	8308313	53.365 ug/ml
14) T Benzo[a]anthracene (C...	14.807	7874611	59.060 ug/ml
15) T Chrysene (C27.41)	14.854	8613560	65.196 ug/mlm
16) T benzo[b]fluoranthene ...	16.361	7843554	58.879 ug/ml
17) T Bnezo[k]fluoranthene ...	16.398	7608828	61.432 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.741	7015597	56.682 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.111	7838312	70.323 ug/ml
20) T Dibenz[a,h]anthracene...	18.150	7374153	66.293 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.370	7445105	62.640 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP
Sample : PB145150BSD
Misc :
ALS Vial : 58 Sample Multiplier: 1

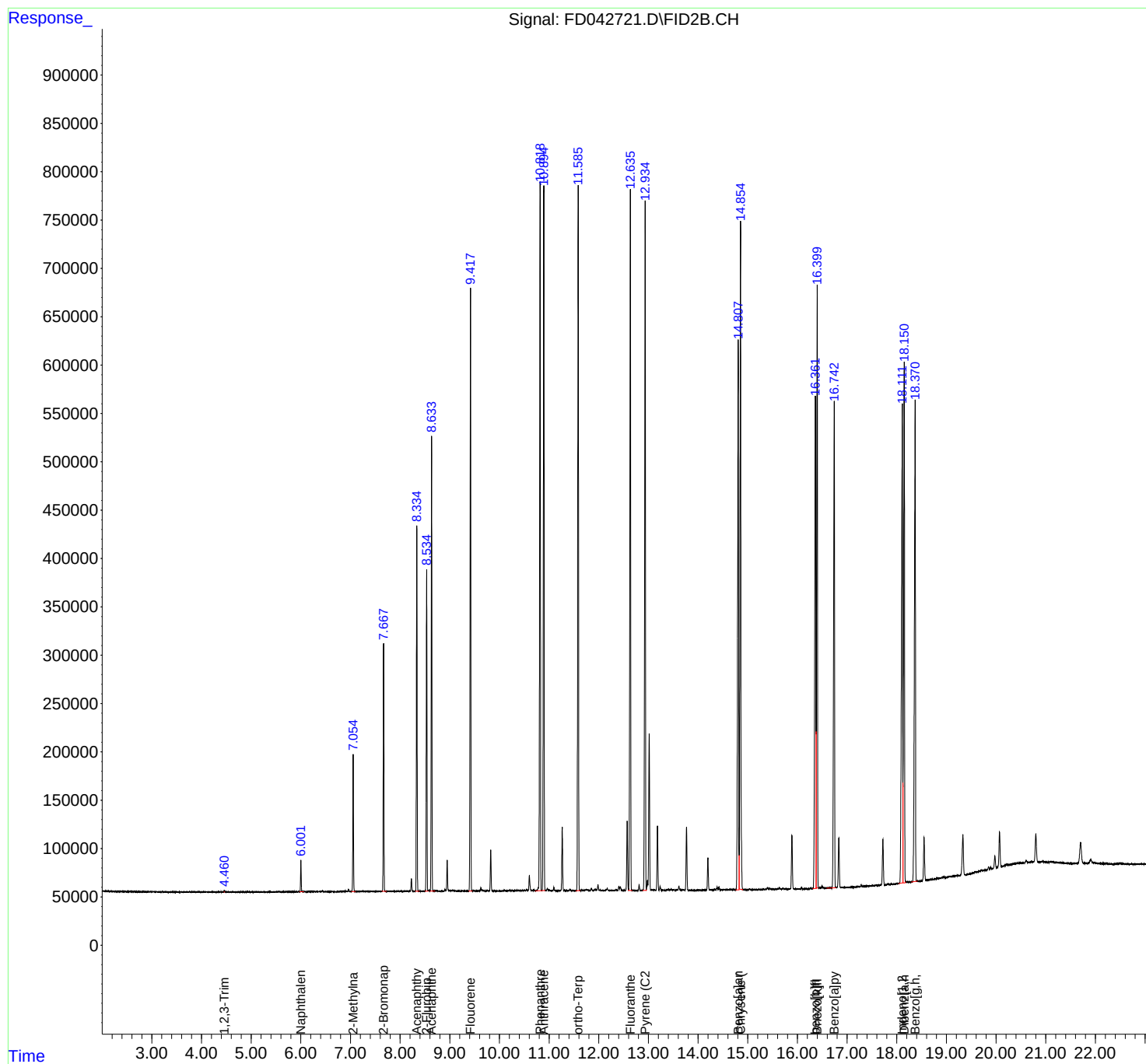
Instrument :
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ClientSampleId :
PB145150BSD

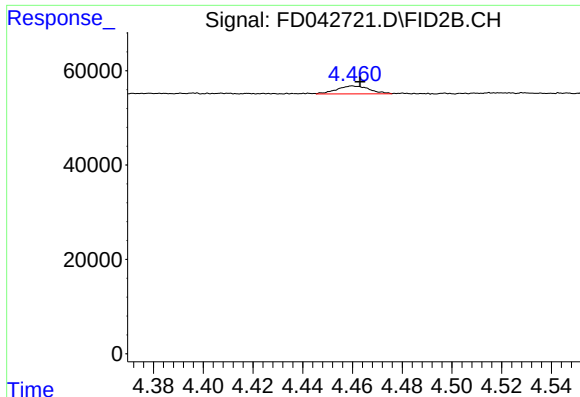
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.460 min
Delta R.T.: -0.003 min
Response: 15454
Conc: 0.09 ug/ml

Instrument :

FID_D

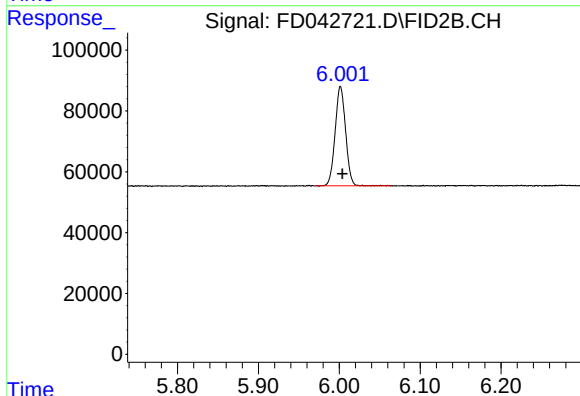
ClientSampleId :

PB145150BSD

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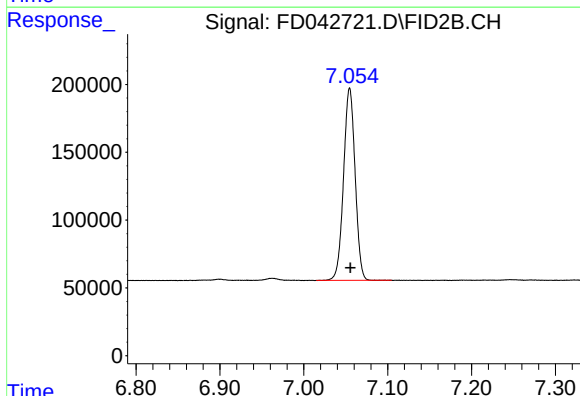
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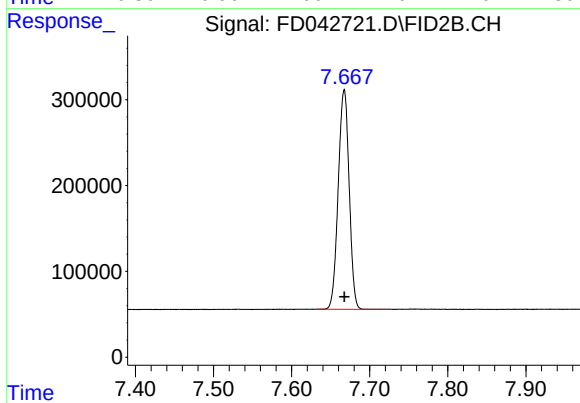
#2 Naphthalene (C11.7)

R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 294134
Conc: 1.70 ug/ml



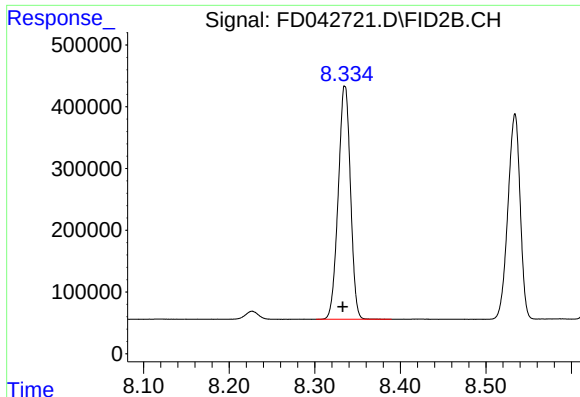
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 1360581
Conc: 8.53 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 2486461
Conc: 16.27 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.335 min
Delta R.T.: 0.002 min
Response: 3750243
Conc: 21.71 ug/ml

Instrument :

FID_D

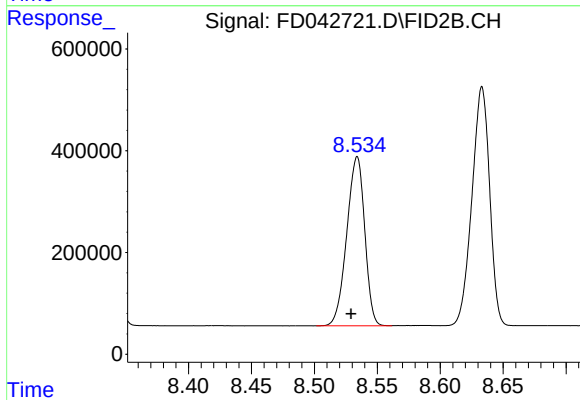
ClientSampleId :

PB145150BSD

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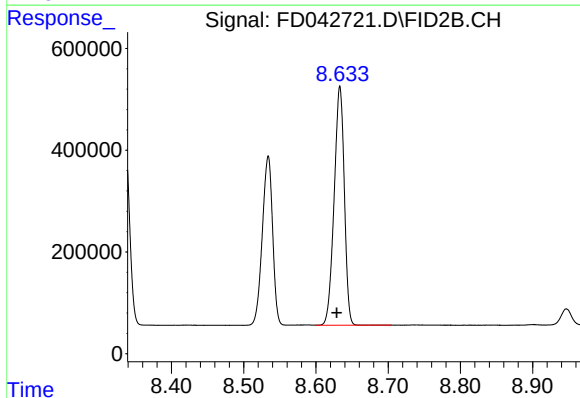
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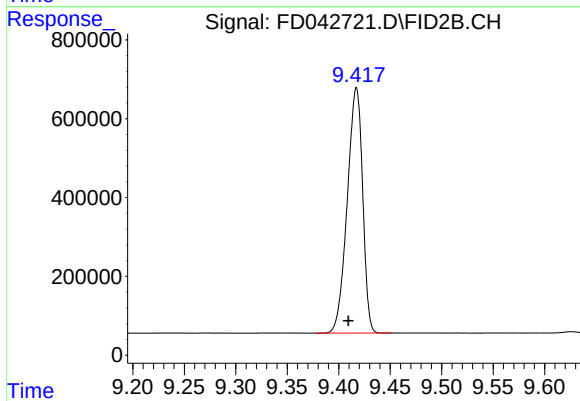
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.534 min
Delta R.T.: 0.005 min
Response: 3301828
Conc: 32.10 ug/ml



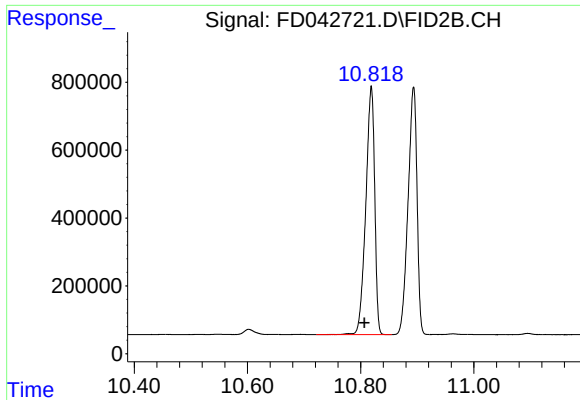
#7 Acenaphthene (C15.5)

R.T.: 8.633 min
Delta R.T.: 0.005 min
Response: 4607842
Conc: 26.78 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.417 min
Delta R.T.: 0.008 min
Response: 6473053
Conc: 38.56 ug/ml



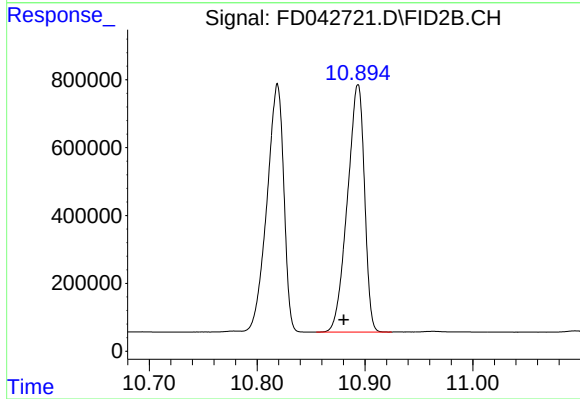
#9 Phenanthrene (C19.36)

R.T.: 10.818 min
Delta R.T.: 0.012 min
Response: 7991211
Conc: 48.60 ug/ml

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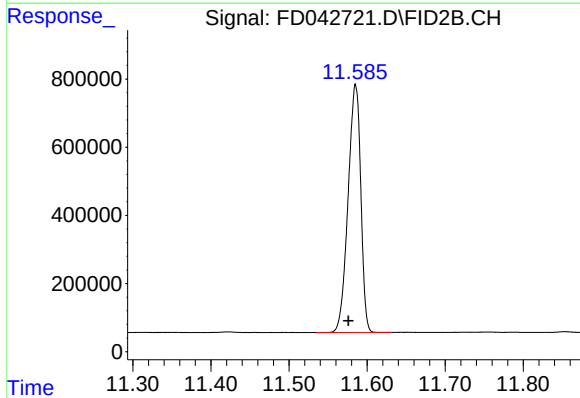
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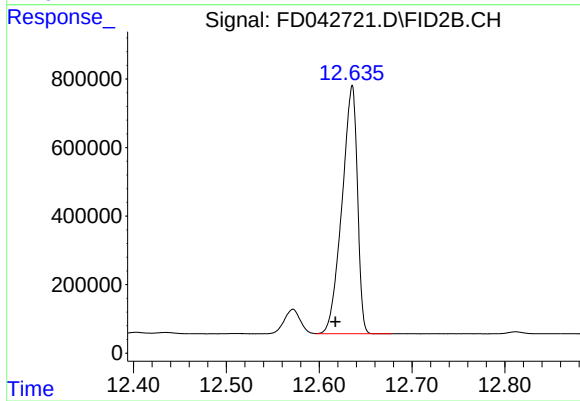
#10 Anthracene (C19.43)

R.T.: 10.893 min
Delta R.T.: 0.013 min
Response: 8019214
Conc: 52.47 ug/ml



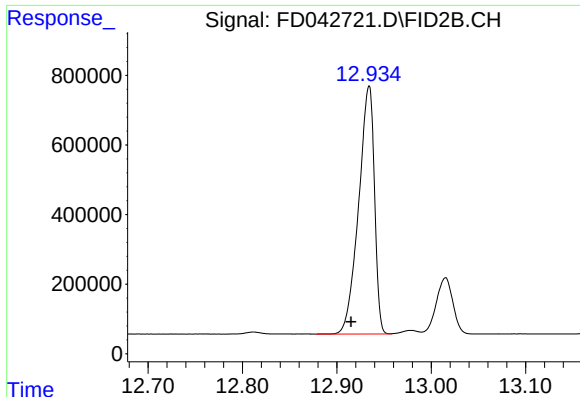
#11 ortho-Terphenyl (SURR)

R.T.: 11.585 min
Delta R.T.: 0.009 min
Response: 8216508
Conc: 46.28 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: 0.017 min
Response: 8377749
Conc: 53.18 ug/ml



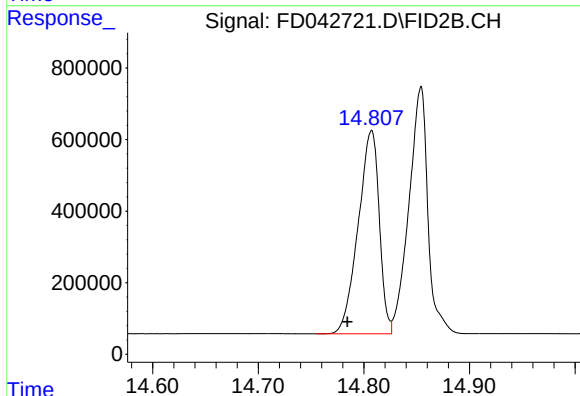
#13 Pyrene (C20.8)

R.T.: 12.934 min
Delta R.T.: 0.019 min
Response: 8308313
Conc: 53.37 ug/ml

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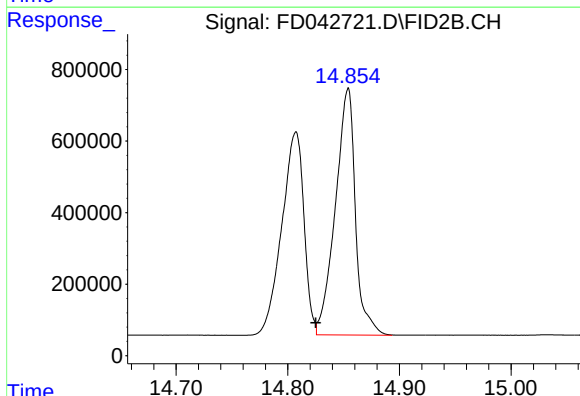
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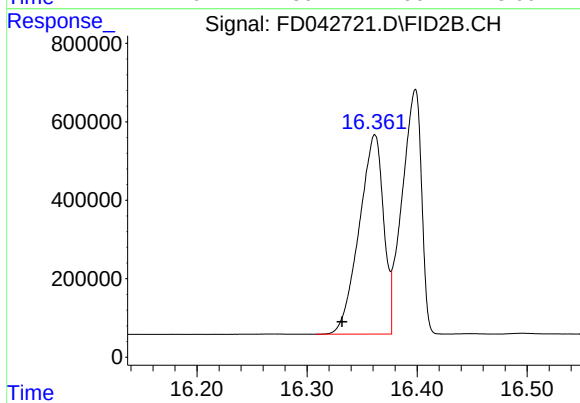
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.807 min
Delta R.T.: 0.023 min
Response: 7874611
Conc: 59.06 ug/ml



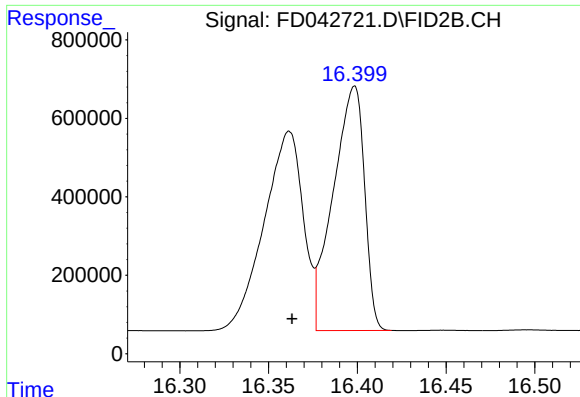
#15 Chrysene (C27.41)

R.T.: 14.854 min
Delta R.T.: 0.029 min
Response: 8613560
Conc: 65.20 ug/ml m



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

R.T.: 16.361 min
Delta R.T.: 0.029 min
Response: 7843554
Conc: 58.88 ug/ml



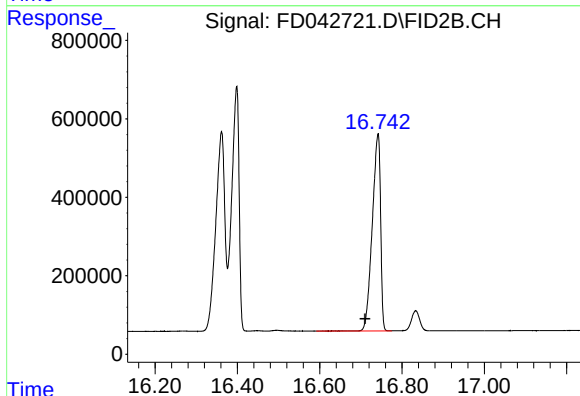
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.398 min
Delta R.T.: 0.035 min
Response: 7608828
Conc: 61.43 ug/ml

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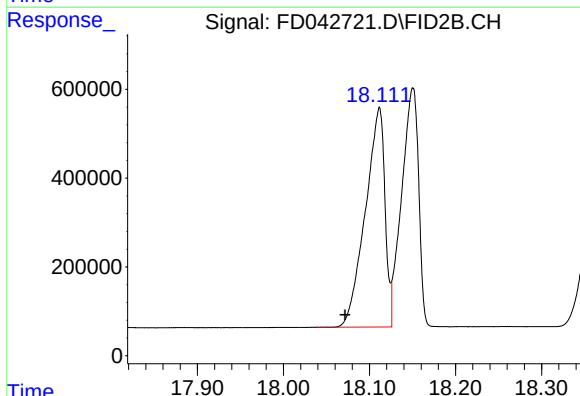
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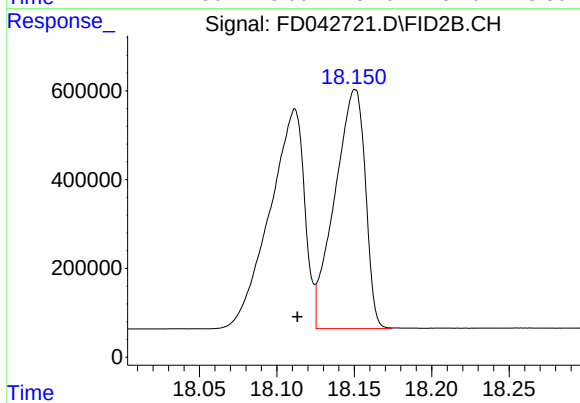
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.741 min
Delta R.T.: 0.031 min
Response: 7015597
Conc: 56.68 ug/ml



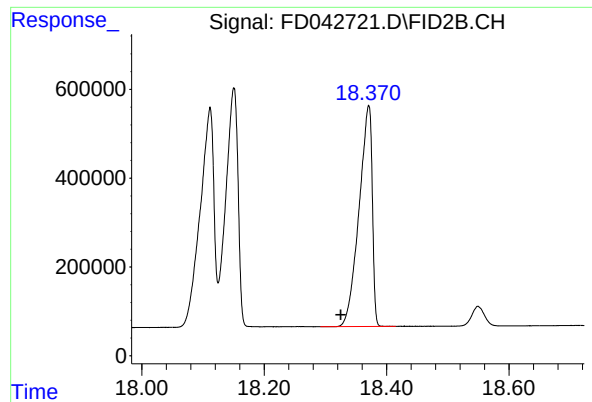
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.111 min
Delta R.T.: 0.039 min
Response: 7838312
Conc: 70.32 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.037 min
Response: 7374153
Conc: 66.29 ug/ml m



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

R.T.: 18.370 min
Delta R.T.: 0.045 min
Response: 7445105
Conc: 62.64 ug/ml

Instrument :

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ClientSampleId :

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