

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061422AR\
 Data File : FD042902.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jun 2022 21:18
 Operator : UA/NP
 Sample : N3209-06MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-14B-10MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2022
 Supervised By :Ankita Jodhani 06/15/2022

Integration File: sample.E
 Quant Time: Jun 15 01:49:26 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...	7.663	8202347	53.676 ug/mlm
Spiked Amount 50.000		Recovery =	107.35%
6) S 2-Fluorobiphenyl (SURR)	8.531	5630405	54.746 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.49%
11) S ortho-Terphenyl (SURR)	11.580	6398404	36.043 ug/mlm
Spiked Amount 50.000		Recovery =	72.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.453	7253660	43.324 ug/mlm
2) T Naphthalene (C11.7)	5.997	9285319	53.705 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	10923045	68.497 ug/mlm
5) T Acenaphthylene (C15.06)	8.336	12339089	71.418 ug/mlm
7) T Acenaphthene (C15.5)	8.633	11155551	64.833 ug/ml
8) T Flouorene (C16.55)	9.417	10667486	63.541 ug/mlm
9) T Phenanthrene (C19.36)	10.818	10919064	66.401 ug/mlm
10) T Anthracene (C19.43)	10.893	10439370	68.302 ug/mlm
12) T Fluoranthene (C21.85)	12.634	9796461	62.181 ug/ml
13) T Pyrene (C20.8)	12.932	9644344	61.947 ug/ml
14) T Benzo[a]anthracene (C...	14.807	8805661	66.042 ug/mlm
15) T Chrysene (C27.41)	14.853	10400758	78.723 ug/mlm
16) T benzo[b]fluoranthene ...	16.365	9414768	70.673 ug/ml
17) T Bnezo[k]fluoranthene ...	16.399	8488428	68.534 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.745	7872294	63.604 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.113	8796551	78.920 ug/ml
20) T Dibenz[a,h]anthracene...	18.153	8149944	73.268 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.375	8420388	70.845 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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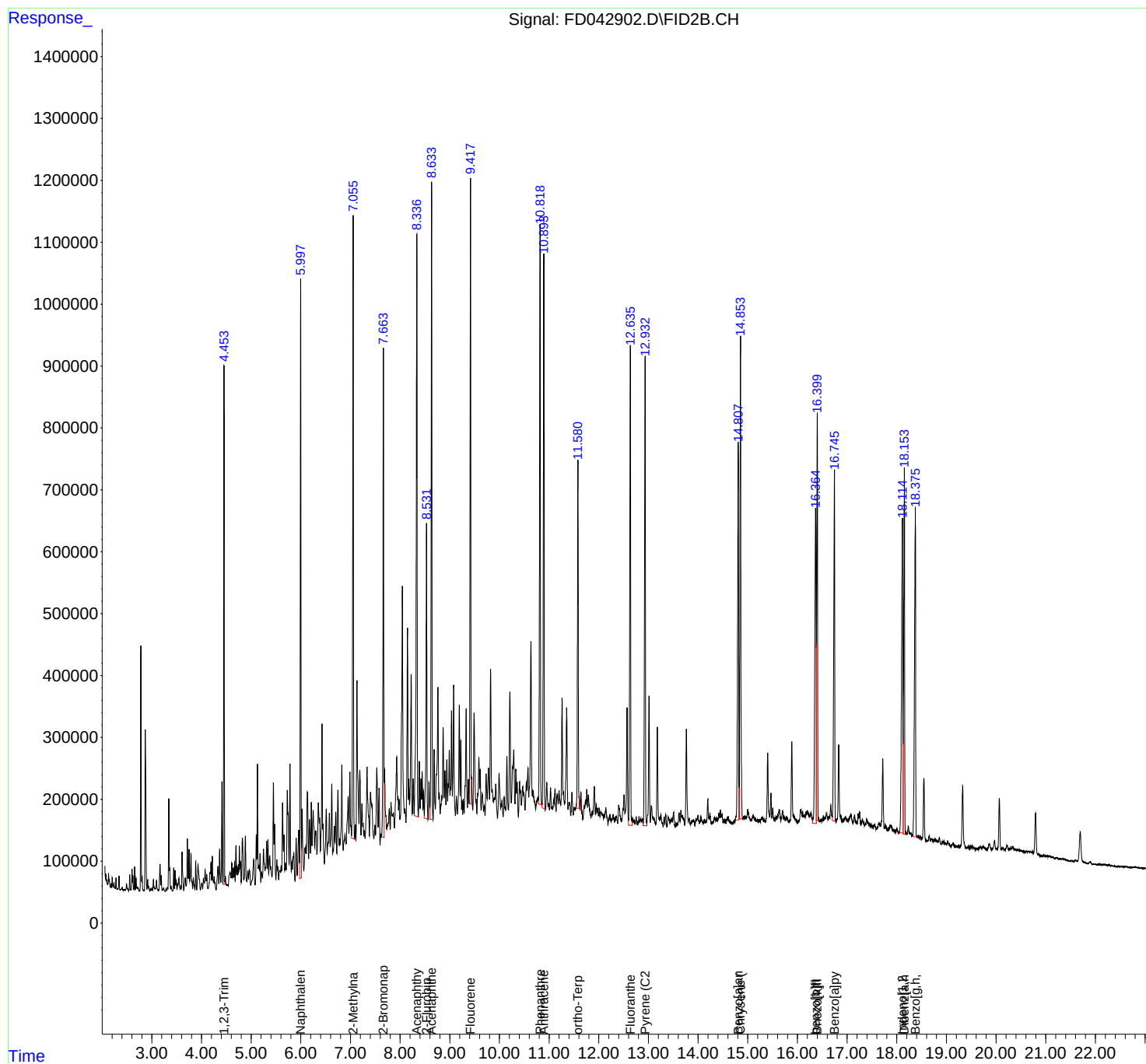
Instrument :
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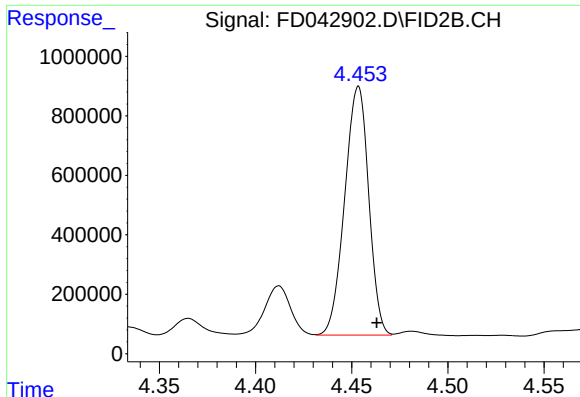
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.453 min
Delta R.T.: -0.010 min
Response: 7253660
Conc: 43.32 ug/ml

Instrument :

FID_D

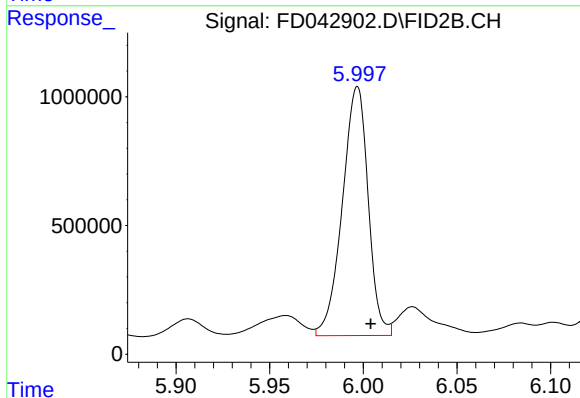
ClientSampleId :

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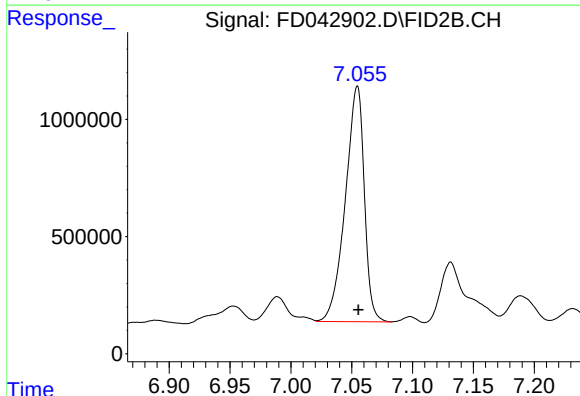
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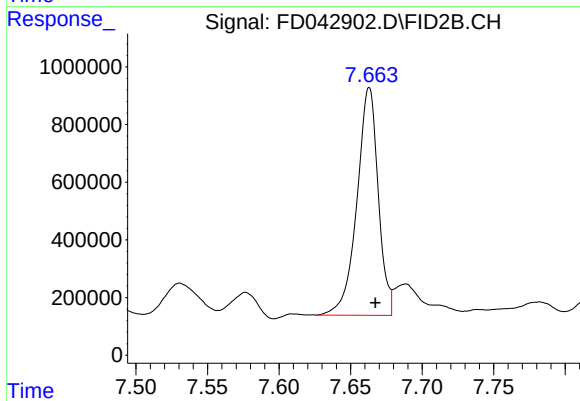
#2 Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 9285319
Conc: 53.71 ug/ml



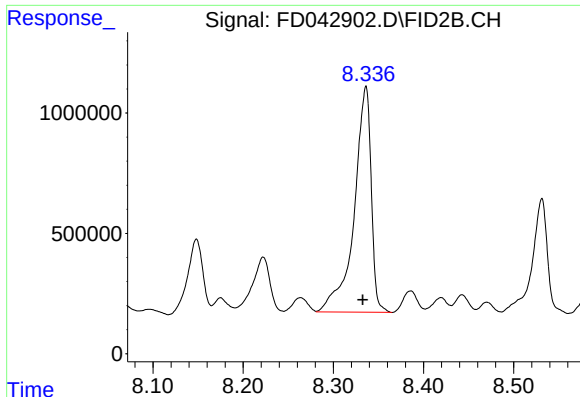
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: -0.001 min
Response: 10923045
Conc: 68.50 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.663 min
Delta R.T.: -0.005 min
Response: 8202347
Conc: 53.68 ug/ml m



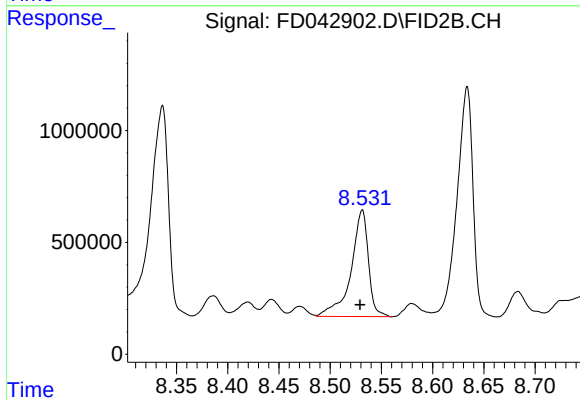
#5 Acenaphthylene (C15.06)

R.T.: 8.336 min
Delta R.T.: 0.003 min
Response: 12339089
Conc: 71.42 ug/ml

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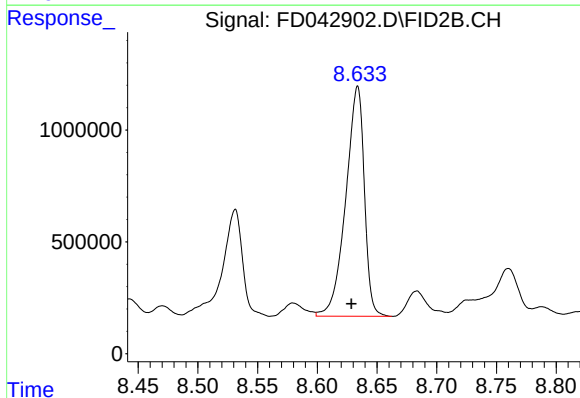
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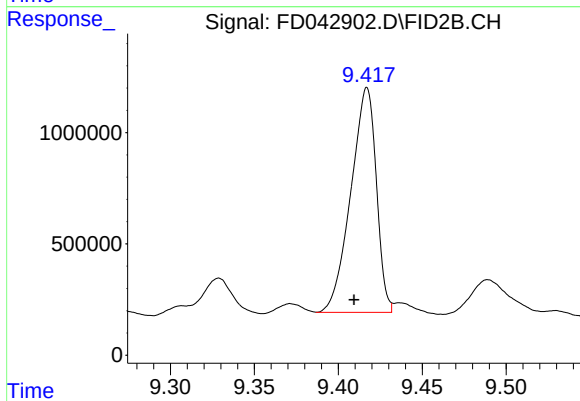
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.531 min
Delta R.T.: 0.002 min
Response: 5630405
Conc: 54.75 ug/ml m



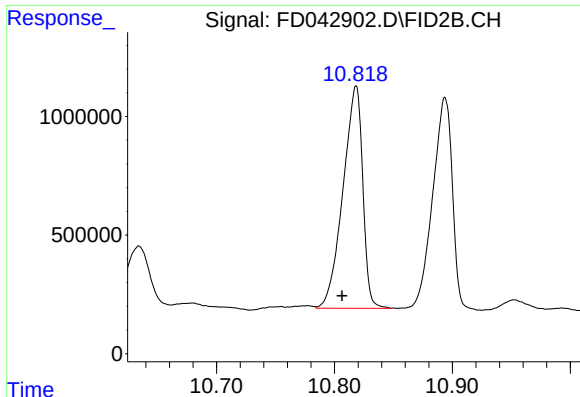
#7 Acenaphthene (C15.5)

R.T.: 8.633 min
Delta R.T.: 0.005 min
Response: 11155551
Conc: 64.83 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.417 min
Delta R.T.: 0.007 min
Response: 10667486
Conc: 63.54 ug/ml m



#9 Phenanthrene (C19.36)

R.T.: 10.818 min
Delta R.T.: 0.011 min
Response: 10919064
Conc: 66.40 ug/ml

Instrument :

FID_D

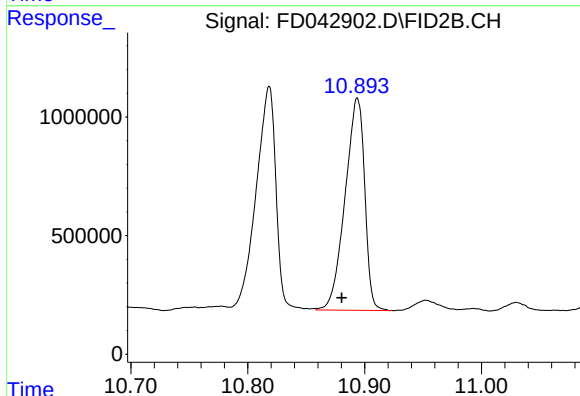
ClientSampleId :

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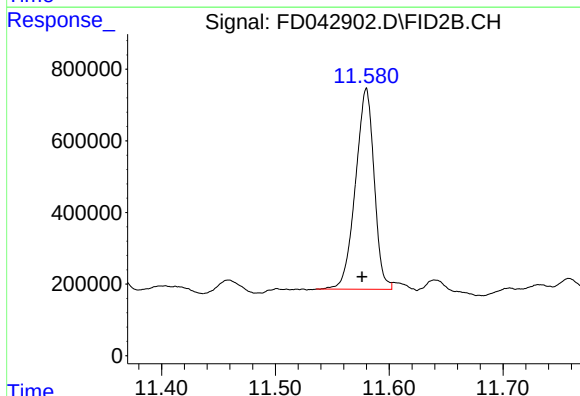
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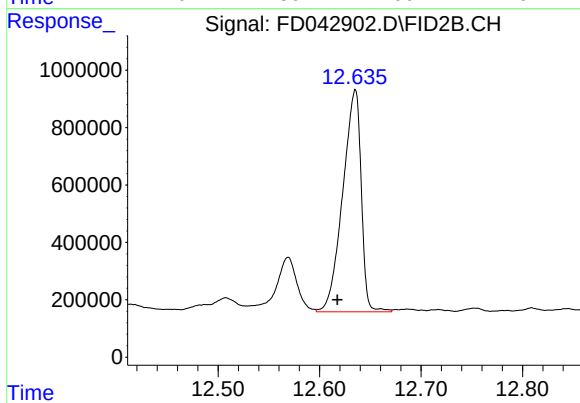
#10 Anthracene (C19.43)

R.T.: 10.893 min
Delta R.T.: 0.013 min
Response: 10439370
Conc: 68.30 ug/ml m



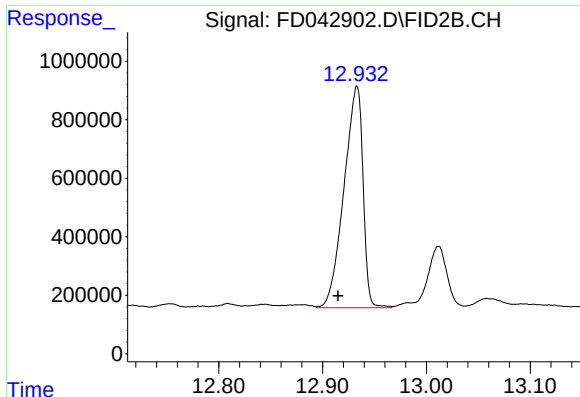
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.004 min
Response: 6398404
Conc: 36.04 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.634 min
Delta R.T.: 0.017 min
Response: 9796461
Conc: 62.18 ug/ml



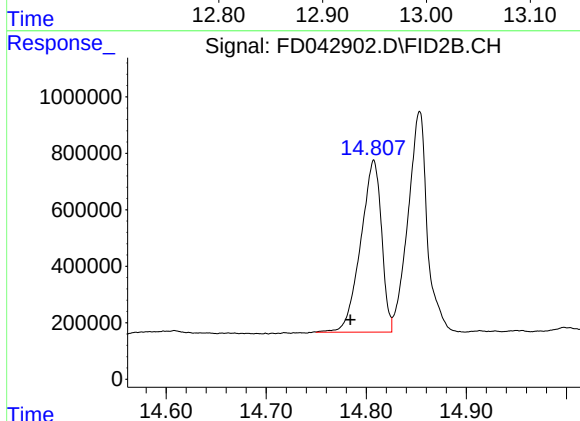
#13 Pyrene (C20.8)

R.T.: 12.932 min
Delta R.T.: 0.017 min
Response: 9644344
Conc: 61.95 ug/ml

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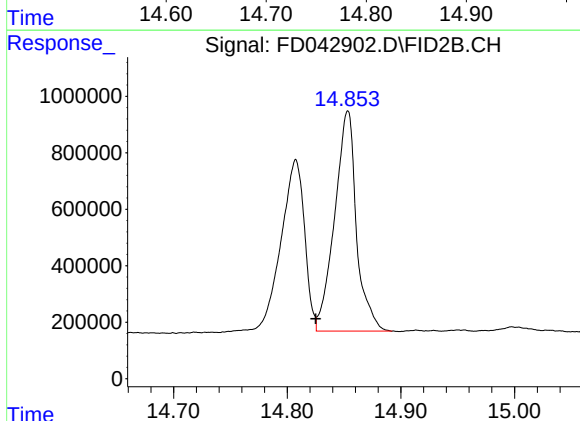
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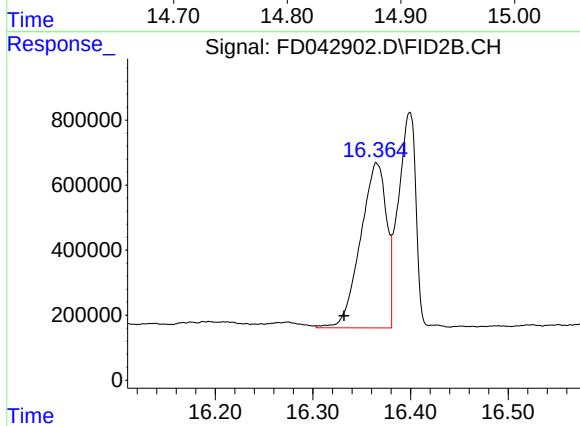
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.807 min
Delta R.T.: 0.023 min
Response: 8805661
Conc: 66.04 ug/ml m



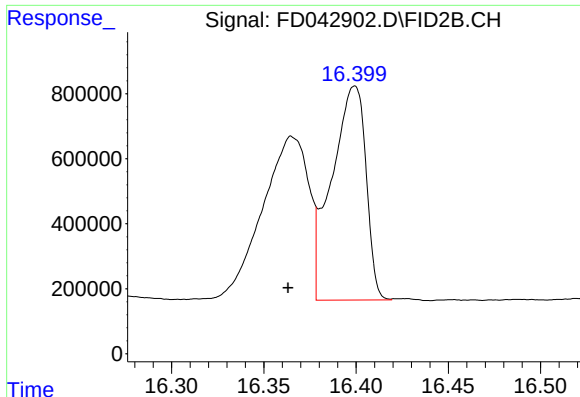
#15 Chrysene (C27.41)

R.T.: 14.853 min
Delta R.T.: 0.028 min
Response: 10400758
Conc: 78.72 ug/ml m



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

R.T.: 16.365 min
Delta R.T.: 0.034 min
Response: 9414768
Conc: 70.67 ug/ml



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

R.T.: 16.399 min
Delta R.T.: 0.036 min
Response: 8488428
Conc: 68.53 ug/ml

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FID_D

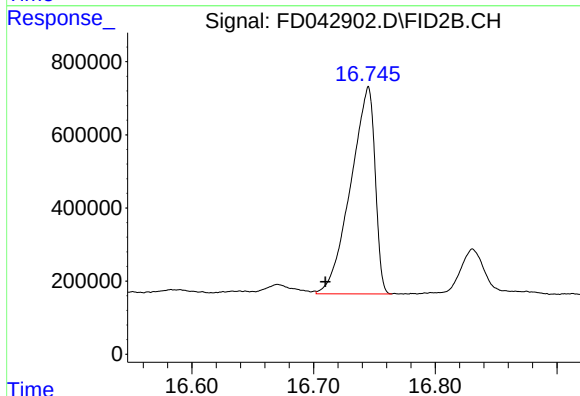
ClientSampleId :

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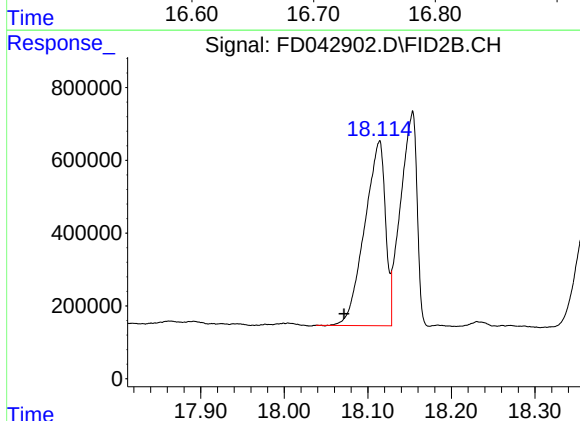
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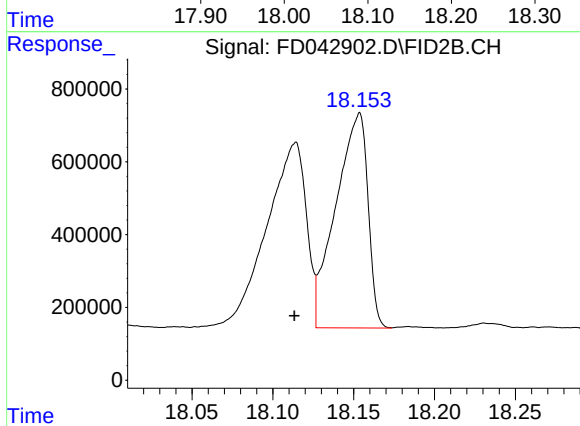
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.745 min
Delta R.T.: 0.035 min
Response: 7872294
Conc: 63.60 ug/ml m



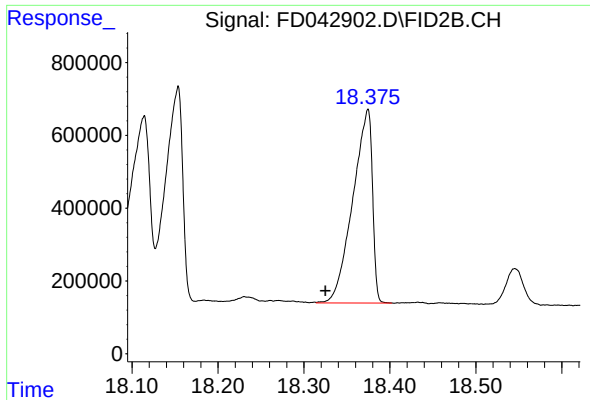
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.113 min
Delta R.T.: 0.042 min
Response: 8796551
Conc: 78.92 ug/ml



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

R.T.: 18.153 min
Delta R.T.: 0.040 min
Response: 8149944
Conc: 73.27 ug/ml m



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

R.T.: 18.375 min
Delta R.T.: 0.049 min
Response: 8420388
Conc: 70.85 ug/ml

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