

Data Path : P:\HPCHEM1\FID_D\Data\FD030518AR\
 Data File : FD022337.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2018 19:03
 Operator : UA/AJ
 Sample : J1724-01MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleID :

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 06 02:43:11 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 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...	7.335	4926524	58.805 ug/ml
Spiked Amount 50.000		Recovery =	117.61%
6) S 2-Fluorobiphenyl (SURR)	8.193	3158874	62.481 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.96%
11) S ortho-Terphenyl (SURR)	11.222	4349275	45.829 ug/ml
Spiked Amount 50.000		Recovery =	91.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.143	2792597	31.623 ug/mlm
2) T Naphthalene (C11.7)	5.673	3372047	37.697 ug/ml
3) T 2-Methylnaphthalene (...)	6.723	3671085	40.422 ug/ml
5) T Acenaphthylene (C15.06)	7.992	3616172	37.759 ug/ml
7) T Acenaphthene (C15.5)	8.285	3936582	38.428 ug/ml
8) T Flouorene (C16.55)	9.067	3847023	41.028 ug/ml
9) T Phenanthrene (C19.36)	10.460	4764586	51.138 ug/ml
10) T Anthracene (C19.43)	10.536	4234383	44.654 ug/ml
12) T Fluoranthene (C21.85)	12.272	5635798	56.186 ug/ml
13) T Pyrene (C20.8)	12.567	5514016	54.273 ug/ml
14) T Benzo[a]anthracene (C...	14.443	4794858	49.724 ug/ml
15) T Chrysene (C27.41)	14.485	5190560	48.092 ug/ml
16) T benzo[b]fluoranthene ...	16.003	4919027	48.931 ug/ml
17) T Bnezo[k]fluoranthene ...	16.032	4416706	38.922 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	4642557	44.176 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	3637235	38.177 ug/mlm
20) T Dibenz[a,h]anthracene...	17.789	4201185	36.970 ug/ml
21) T Benzo[g,h,i]perylene ...	18.013	3682403	35.454 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 58 Sample Multiplier: 1

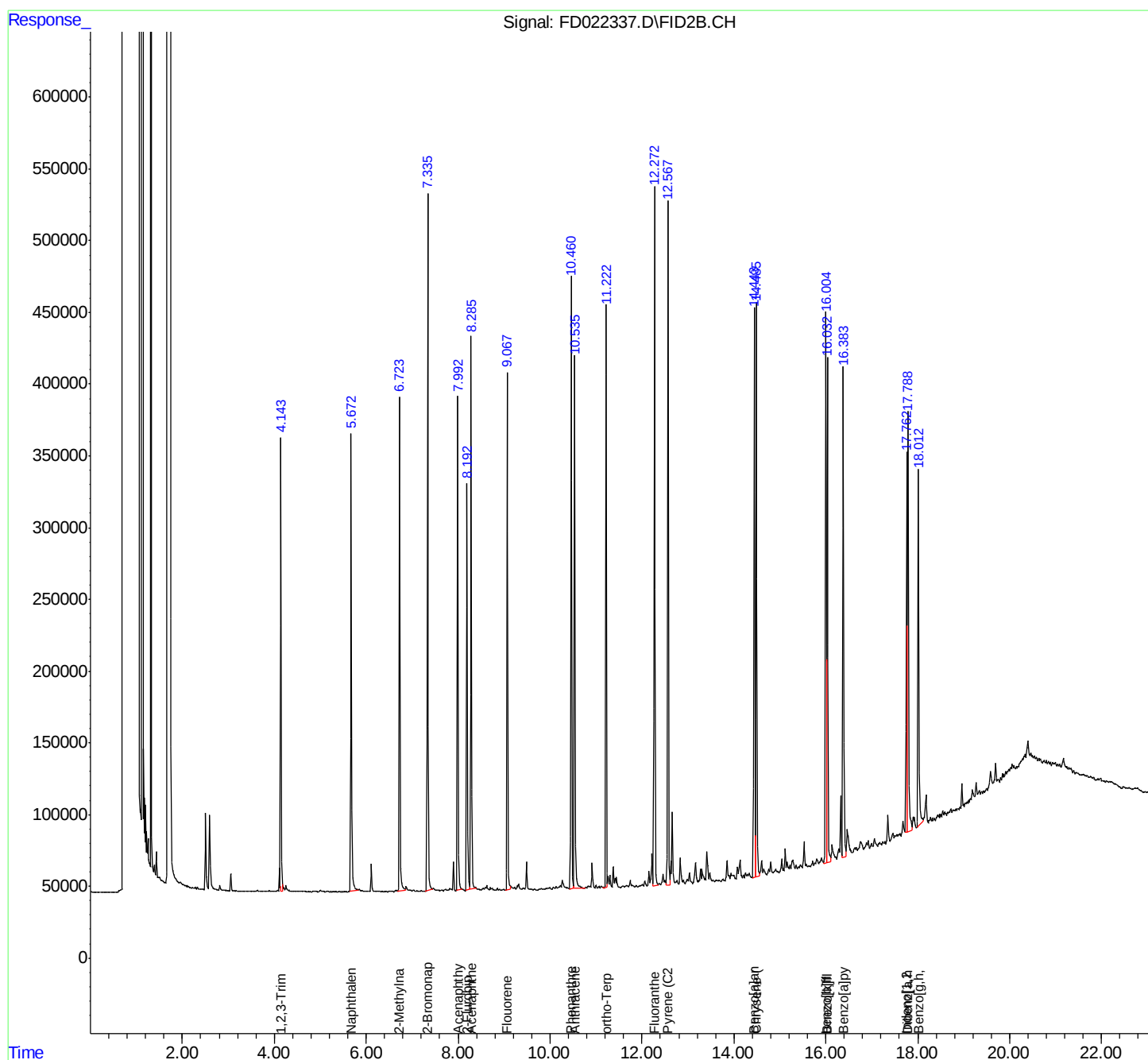
Instrument :
FID_D
ClientSampled :

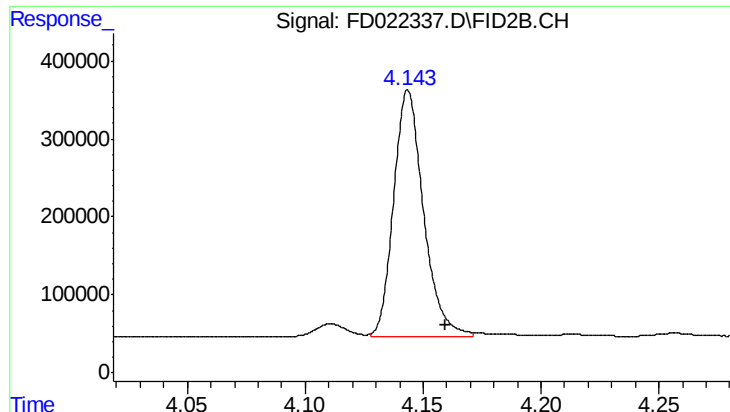
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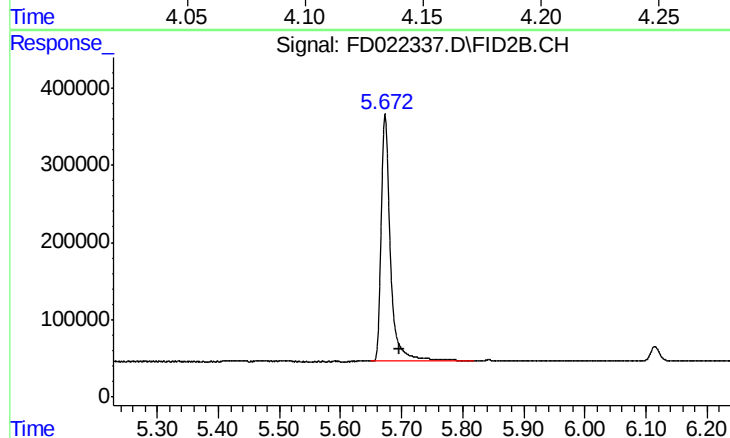
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.143 min
Delta R.T.: -0.016 min
Response: 2792597
Conc: 31.62 ug/ml

Instrument :
FID_D
ClientSampleId :

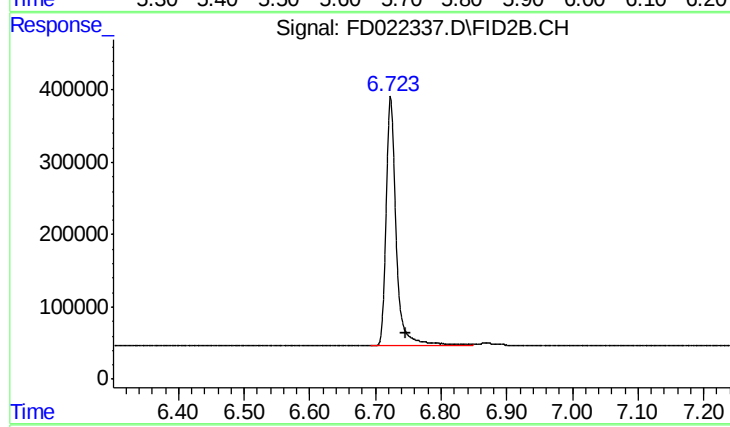
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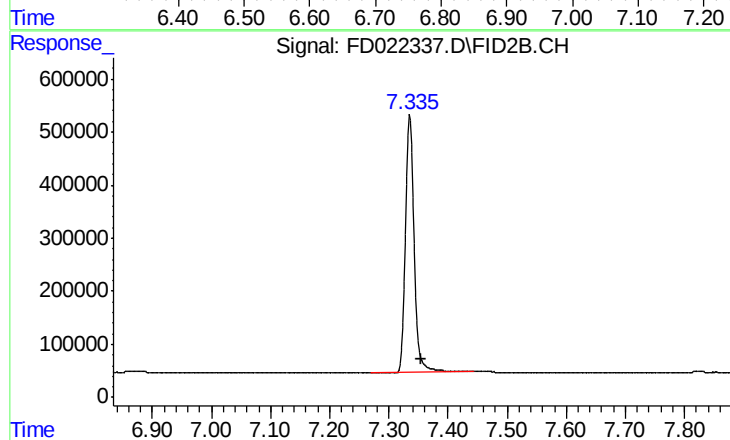
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.023 min
Response: 3372047
Conc: 37.70 ug/ml



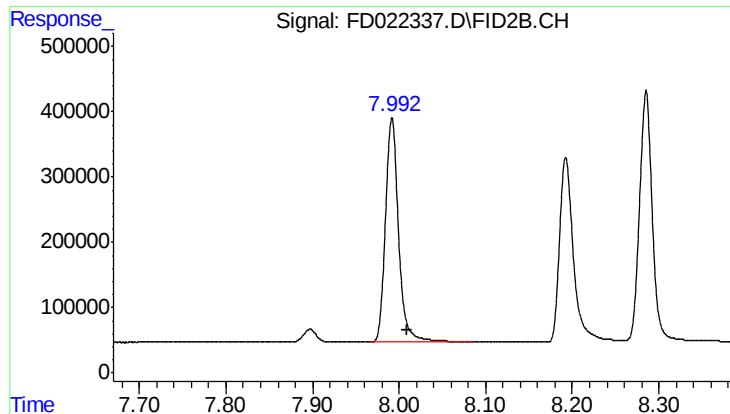
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.723 min
Delta R.T.: -0.022 min
Response: 3671085
Conc: 40.42 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.335 min
Delta R.T.: -0.020 min
Response: 4926524
Conc: 58.81 ug/ml



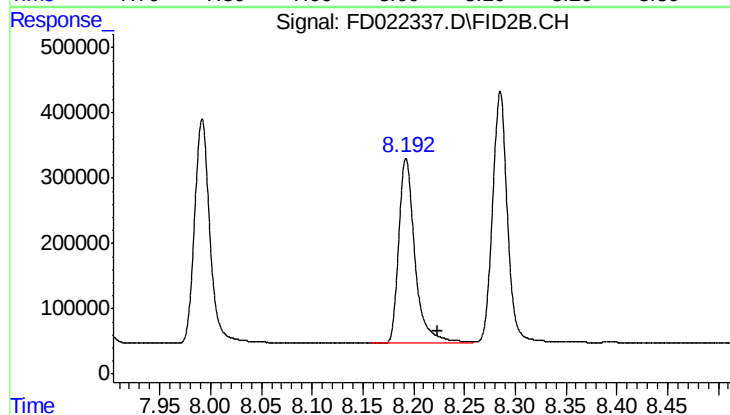
#5 Acenaphthylene (C15.06)

R.T.: 7.992 min
Delta R.T.: -0.017 min
Response: 3616172
Conc: 37.76 ug/ml

Instrument :
FID_D
ClientSampleId :

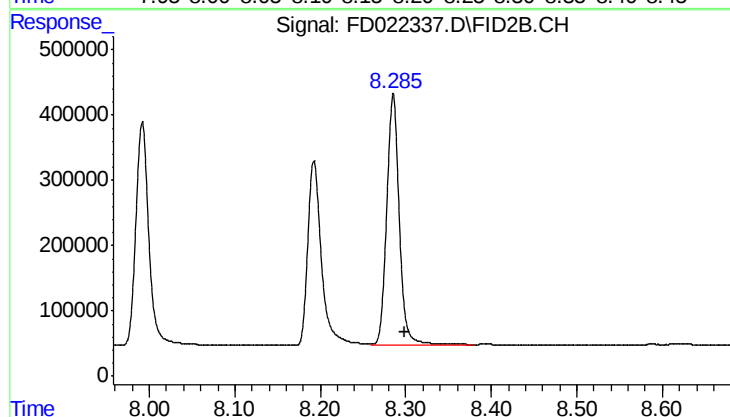
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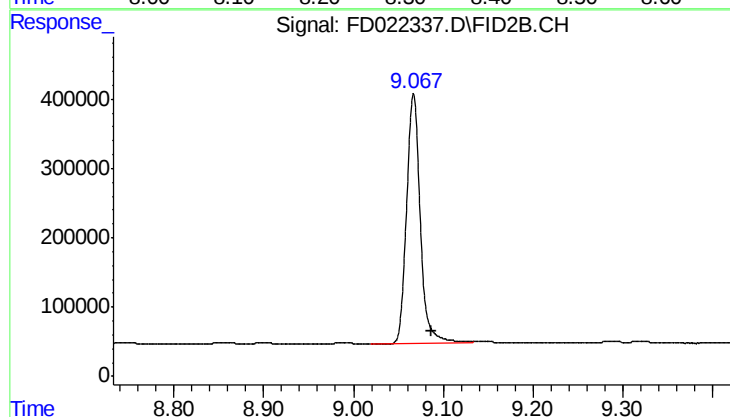
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.193 min
Delta R.T.: -0.032 min
Response: 3158874
Conc: 62.48 ug/ml



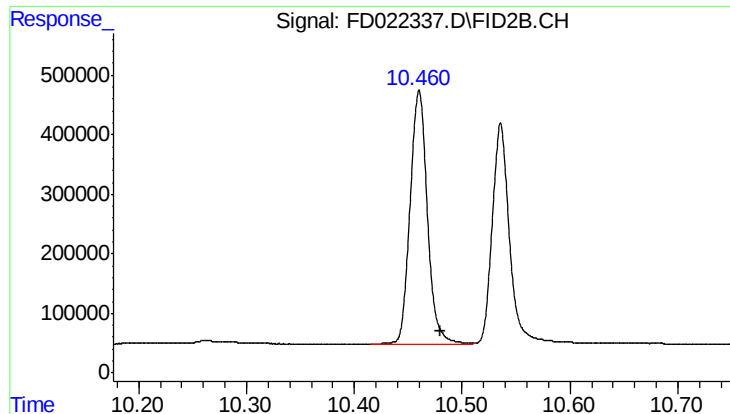
#7 Acenaphthene (C15.5)

R.T.: 8.285 min
Delta R.T.: -0.013 min
Response: 3936582
Conc: 38.43 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.067 min
Delta R.T.: -0.019 min
Response: 3847023
Conc: 41.03 ug/ml



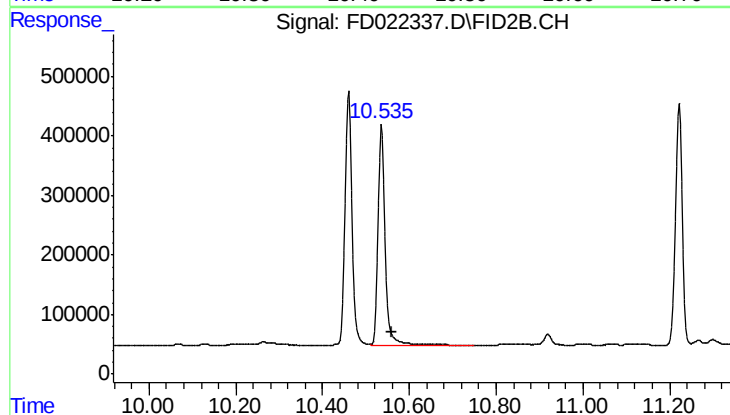
#9 Phenanthrene (C19.36)

R.T.: 10.460 min
Delta R.T.: -0.020 min
Response: 4764586
Conc: 51.14 ug/ml

Instrument :
FID_D
ClientSampleId :

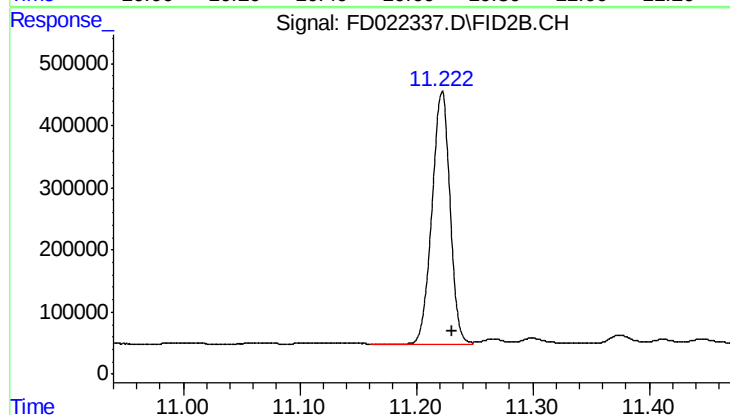
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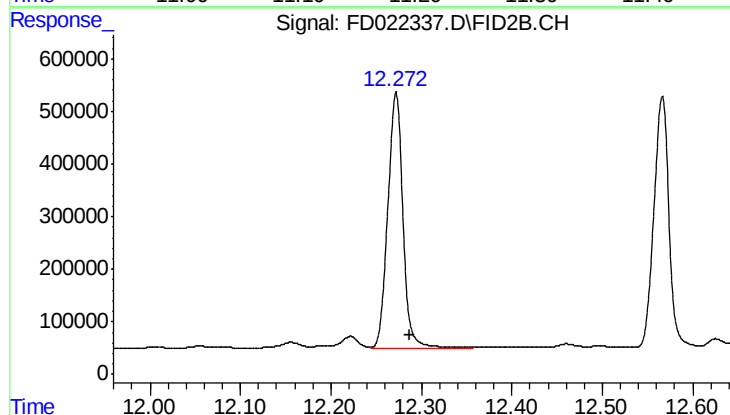
#10 Anthracene (C19.43)

R.T.: 10.536 min
Delta R.T.: -0.023 min
Response: 4234383
Conc: 44.65 ug/ml



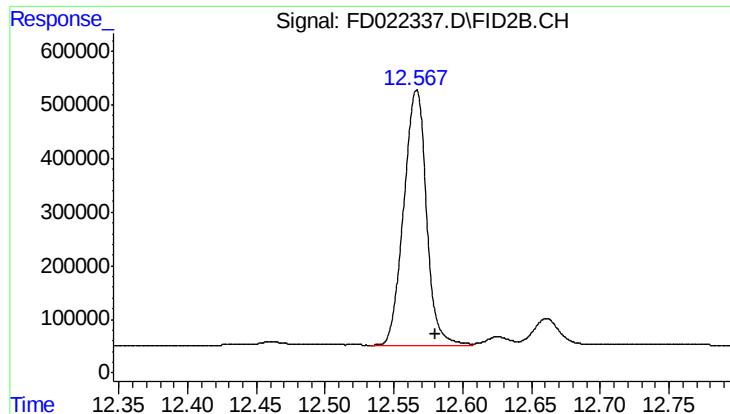
#11 ortho-Terphenyl (SURR)

R.T.: 11.222 min
Delta R.T.: -0.008 min
Response: 4349275
Conc: 45.83 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.272 min
Delta R.T.: -0.016 min
Response: 5635798
Conc: 56.19 ug/ml



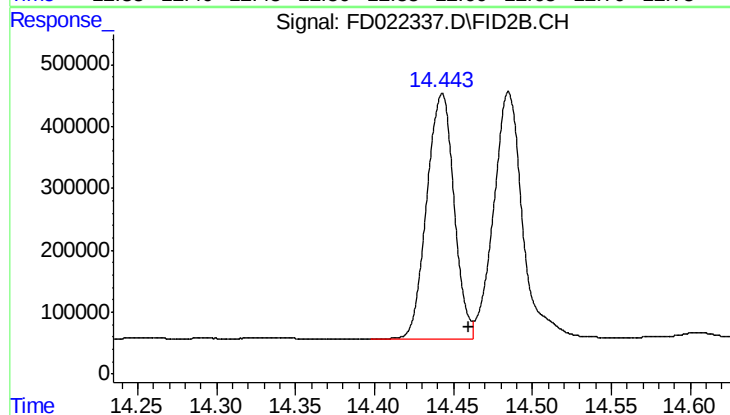
#13 Pyrene (C20.8)

R.T.: 12.567 min
Delta R.T.: -0.014 min
Response: 5514016
Conc: 54.27 ug/ml

Instrument :
FID_D
ClientSampleId :

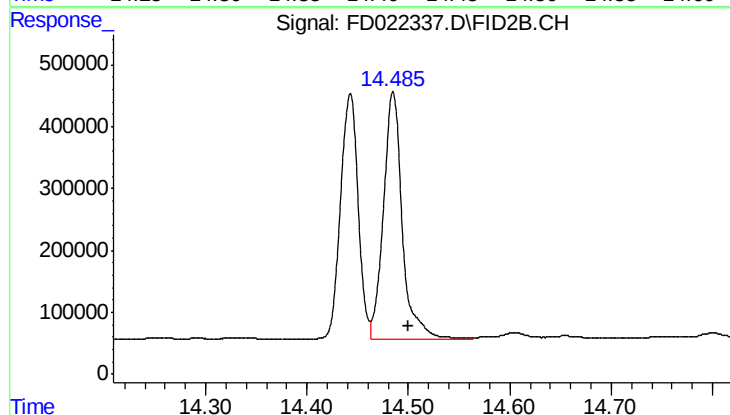
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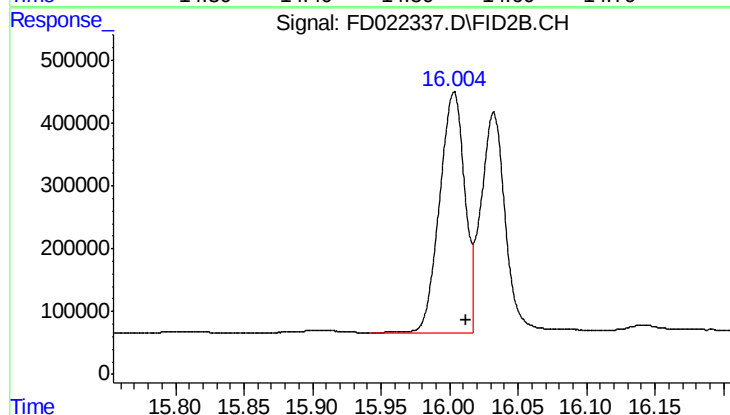
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: -0.016 min
Response: 4794858
Conc: 49.72 ug/ml



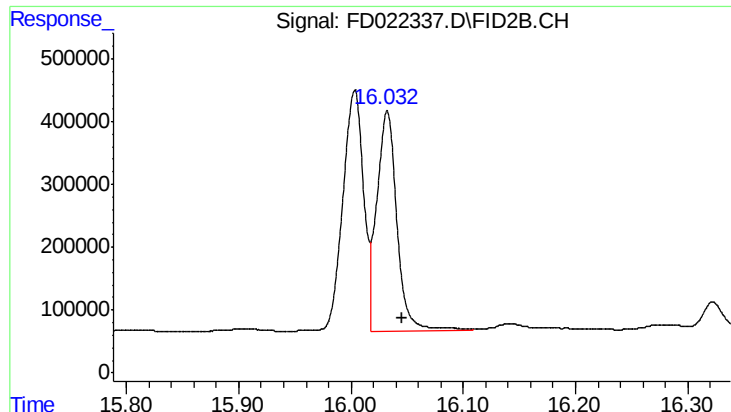
#15 Chrysene (C27.41)

R.T.: 14.485 min
Delta R.T.: -0.015 min
Response: 5190560
Conc: 48.09 ug/ml



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

R.T.: 16.003 min
Delta R.T.: -0.009 min
Response: 4919027
Conc: 48.93 ug/ml



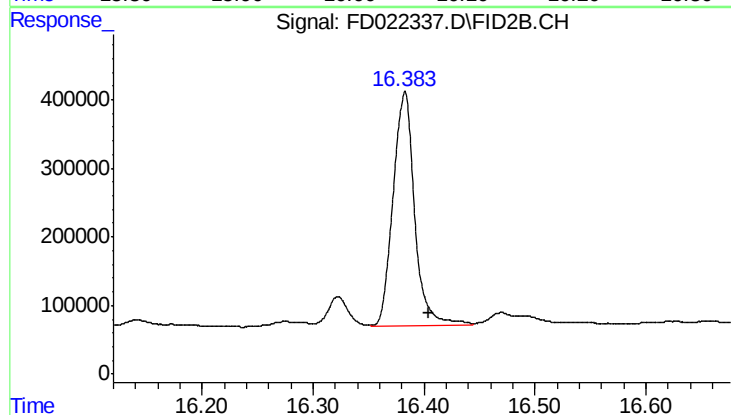
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.032 min
Delta R.T.: -0.013 min
Response: 4416706
Conc: 38.92 ug/ml

Instrument :
FID_D
ClientSampleId :

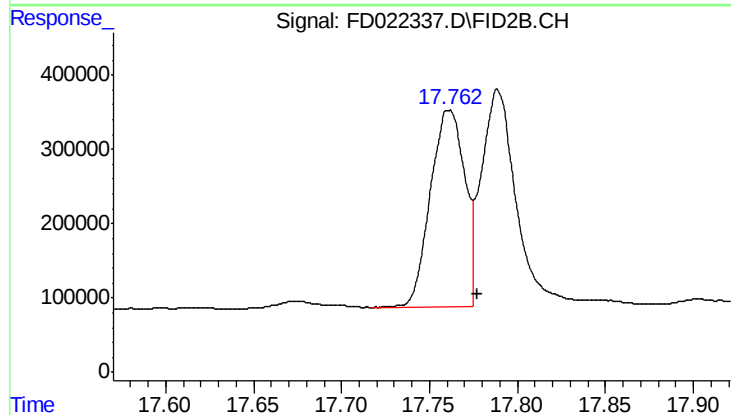
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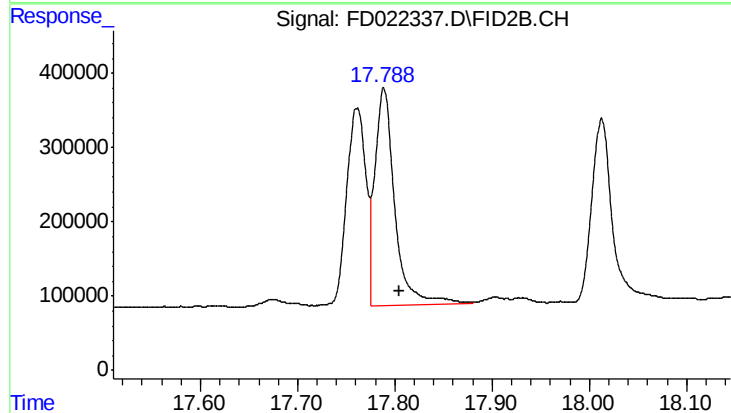
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: -0.022 min
Response: 4642557
Conc: 44.18 ug/ml



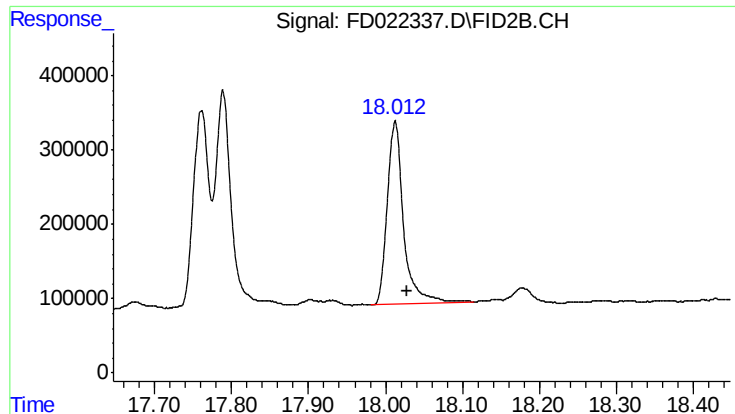
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min
Delta R.T.: -0.016 min
Response: 3637235
Conc: 38.18 ug/ml m



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

R.T.: 17.789 min
Delta R.T.: -0.016 min
Response: 4201185
Conc: 36.97 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.015 min
Response: 3682403
Conc: 35.45 ug/ml

Instrument :
FID_D
ClientSampleId :

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