

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081121AR\
 Data File : FD038514.D
 Signal(s) : FID2B.CH
 Acq On : 12 Aug 2021 1:48
 Operator : AJ\MA
 Sample : PB138326BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138326BS

Manual Integrations
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 8/12/2021 12:02:24 PM

Integration File: autoint1.e
 Quant Time: Aug 12 03:20:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 2021
 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...	7.478	6569381	51.837 ug/ml
Spiked Amount 50.000		Recovery =	103.67%
6) S 2-Fluorobiphenyl (SURR)	8.338	4010432	46.190 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.38%
11) S ortho-Terphenyl (SURR)	11.374	5534288	38.580 ug/ml
Spiked Amount 50.000		Recovery =	77.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	4397941	31.360 ug/ml
2) T Naphthalene (C11.7)	5.815	5059800	34.744 ug/ml
3) T 2-Methylnaphthalene (...)	6.866	5060775	34.897 ug/ml
5) T Acenaphthylene (C15.06)	8.139	5360050	37.124 ug/ml
7) T Acenaphthene (C15.5)	8.435	5635052	37.646 ug/ml
8) T Flouorene (C16.55)	9.215	5373233	37.709 ug/ml
9) T Phenanthrene (C19.36)	10.611	5201008	36.847 ug/ml
10) T Anthracene (C19.43)	10.687	5046276	36.913 ug/ml
12) T Fluoranthene (C21.85)	12.422	5066460	36.070 ug/ml
13) T Pyrene (C20.8)	12.719	5045399	36.017 ug/ml
14) T Benzo[a]anthracene (C...	14.594	4812064	37.581 ug/ml
15) T Chrysene (C27.41)	14.637	5294932	38.338 ug/ml
16) T benzo[b]fluoranthene ...	16.149	4982882	39.847 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	4975382	37.740 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.529	4958593	41.490 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	4641473	42.126 ug/ml
20) T Dibenz[a,h]anthracene...	17.936	4874989	39.605 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.158	4897969	42.759 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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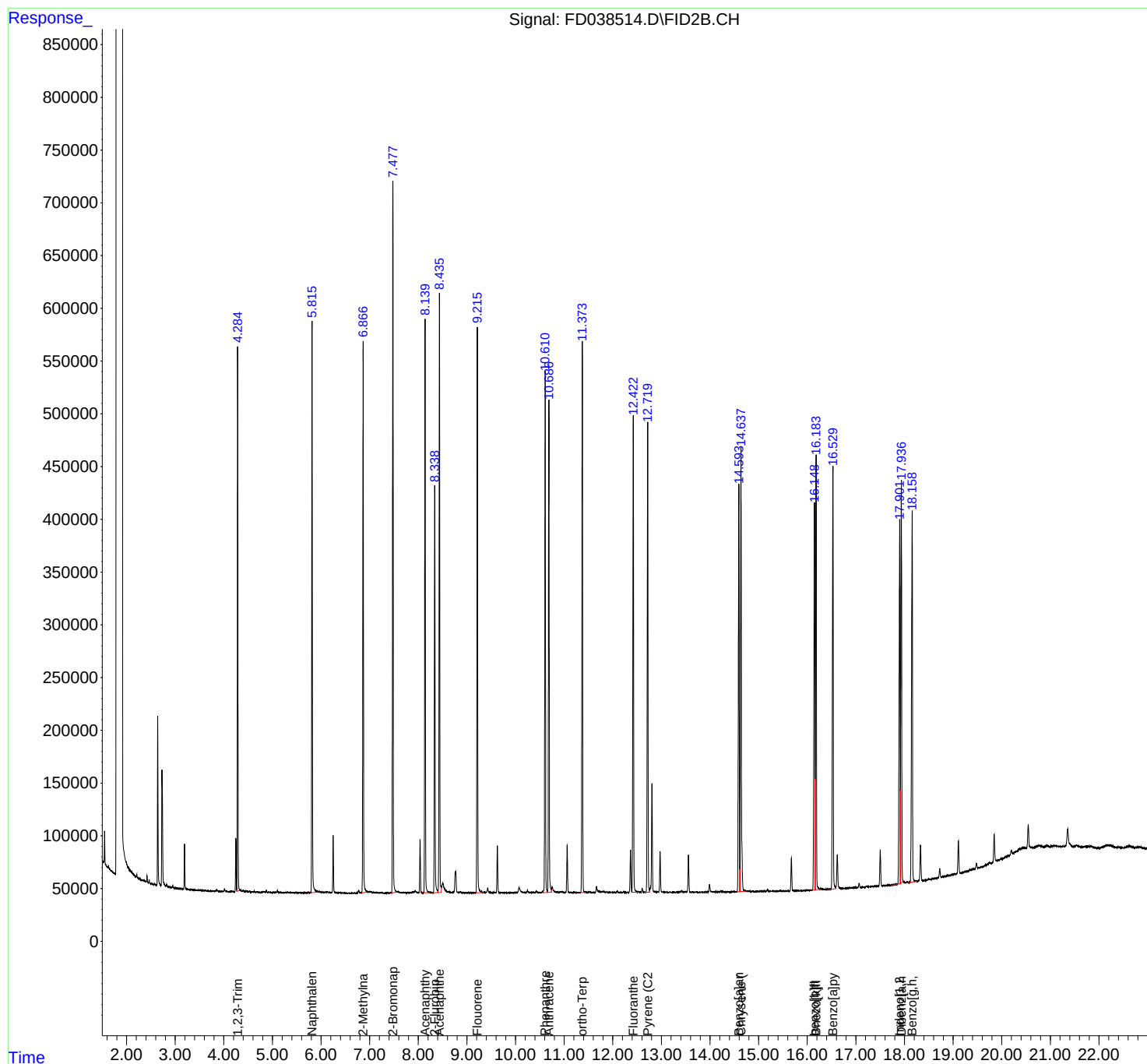
Instrument :
FID_D
ClientSampled :
PB138326BS

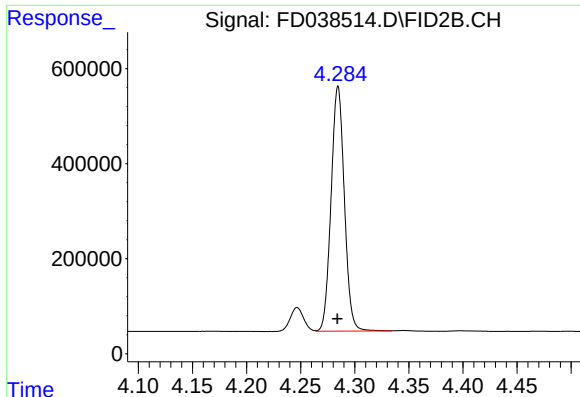
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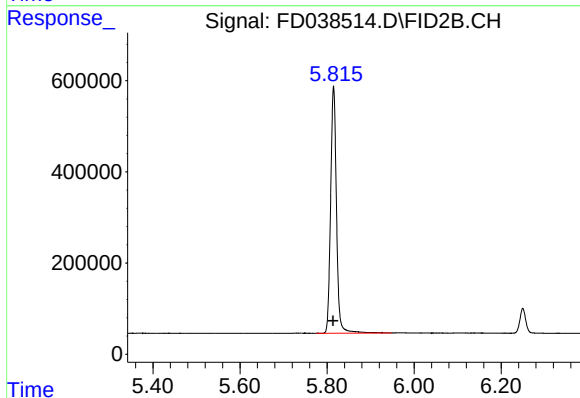
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 4397941
Conc: 31.36 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138326BS

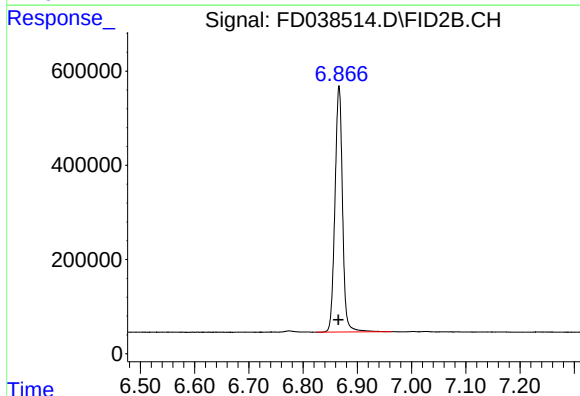
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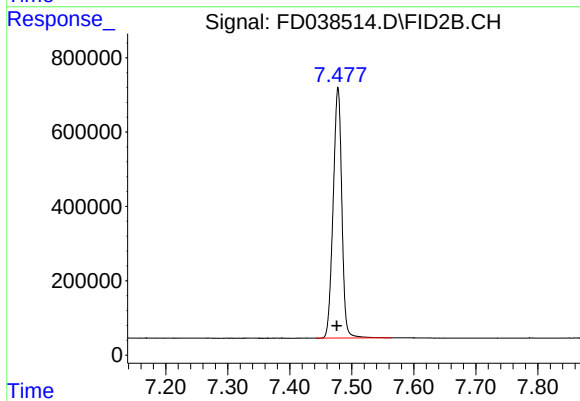
#2 Naphthalene (C11.7)

R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 5059800
Conc: 34.74 ug/ml



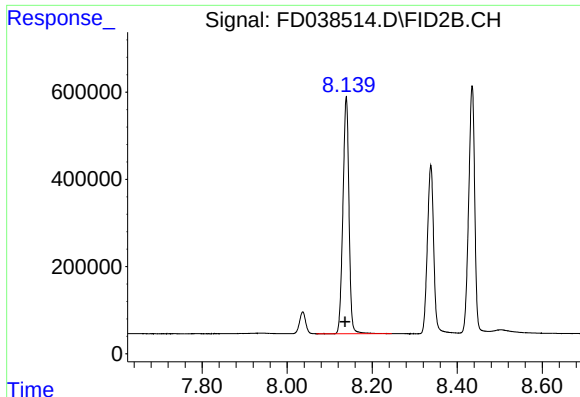
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.866 min
Delta R.T.: 0.001 min
Response: 5060775
Conc: 34.90 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.478 min
Delta R.T.: 0.002 min
Response: 6569381
Conc: 51.84 ug/ml



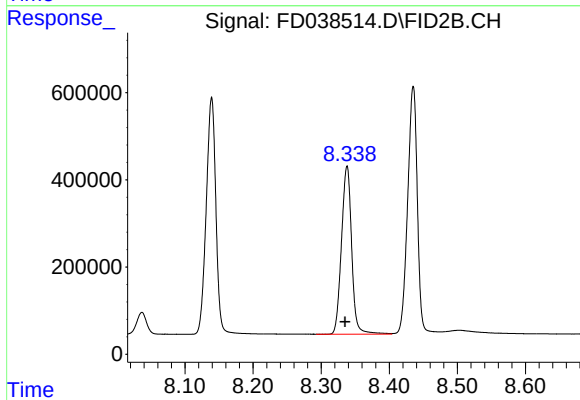
#5 Acenaphthylene (C15.06)

R.T.: 8.139 min
Delta R.T.: 0.003 min
Response: 5360050
Conc: 37.12 ug/ml

Instrument :
FID_D
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PB138326BS

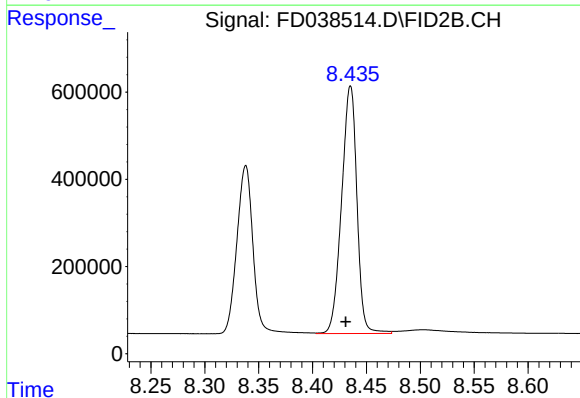
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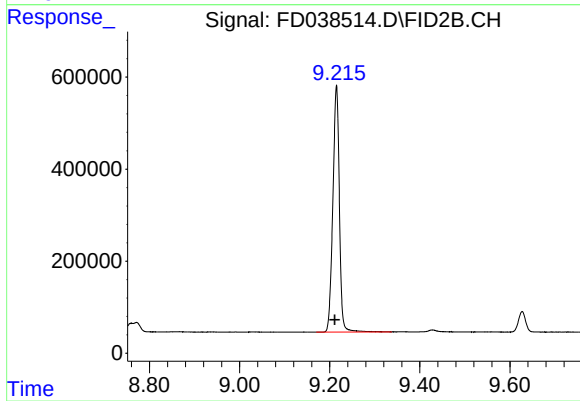
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.338 min
Delta R.T.: 0.003 min
Response: 4010432
Conc: 46.19 ug/ml



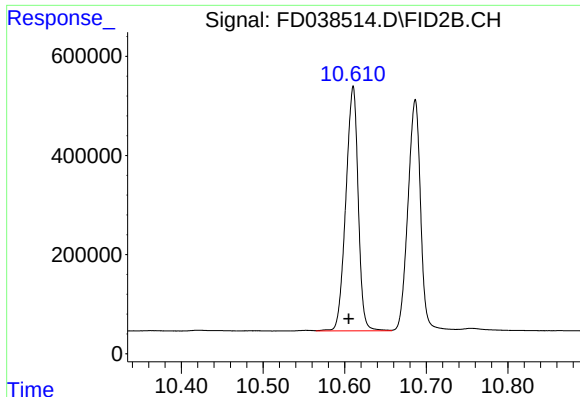
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: 0.004 min
Response: 5635052
Conc: 37.65 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.215 min
Delta R.T.: 0.004 min
Response: 5373233
Conc: 37.71 ug/ml



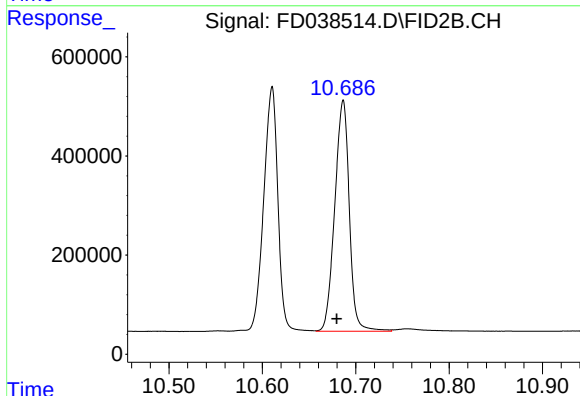
#9 Phenanthrene (C19.36)

R.T.: 10.611 min
Delta R.T.: 0.006 min
Response: 5201008
Conc: 36.85 ug/ml

Instrument :
FID_D
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PB138326BS

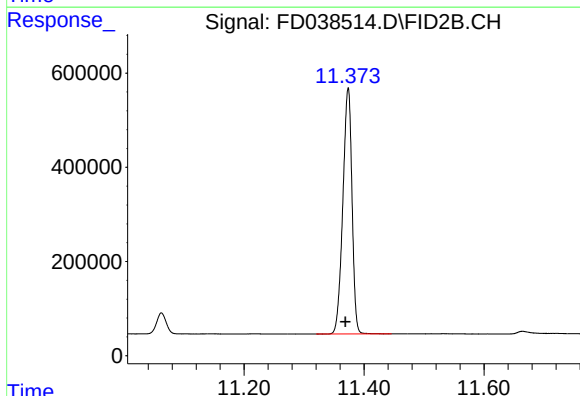
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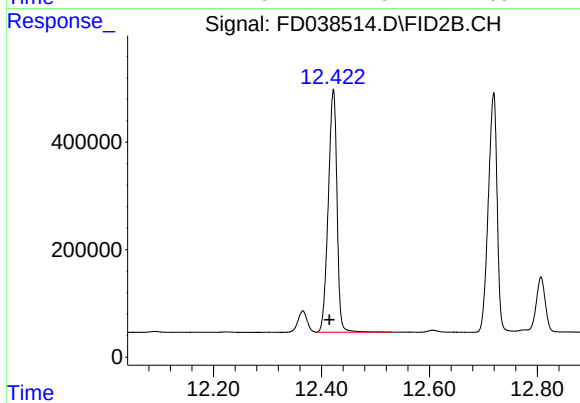
#10 Anthracene (C19.43)

R.T.: 10.687 min
Delta R.T.: 0.007 min
Response: 5046276
Conc: 36.91 ug/ml



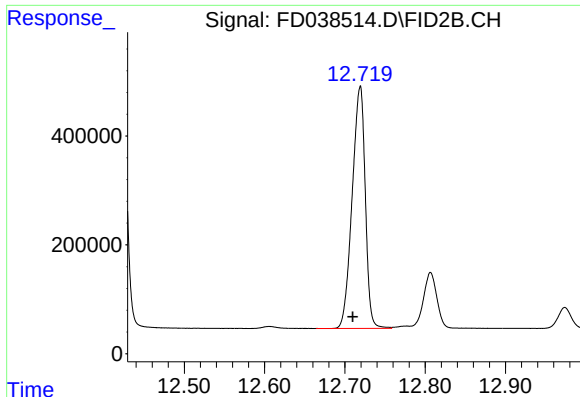
#11 ortho-Terphenyl (SURR)

R.T.: 11.374 min
Delta R.T.: 0.004 min
Response: 5534288
Conc: 38.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.422 min
Delta R.T.: 0.008 min
Response: 5066460
Conc: 36.07 ug/ml



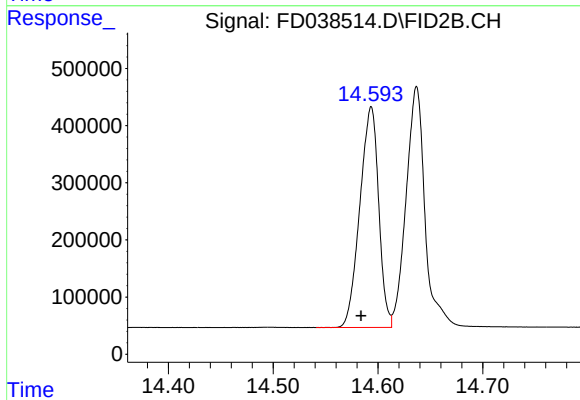
#13 Pyrene (C20.8)

R.T.: 12.719 min
Delta R.T.: 0.009 min
Response: 5045399
Conc: 36.02 ug/ml

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PB138326BS

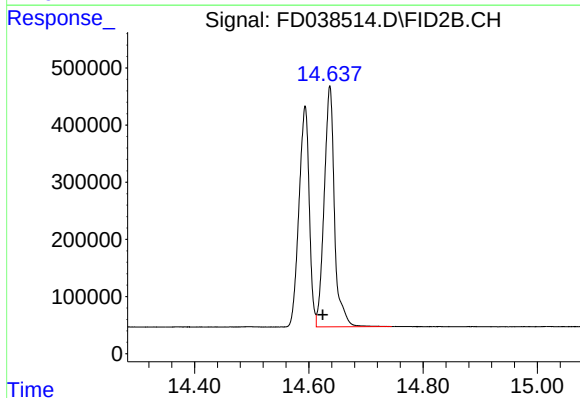
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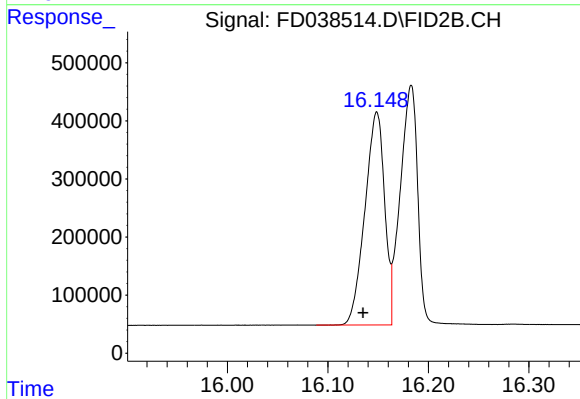
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.594 min
Delta R.T.: 0.010 min
Response: 4812064
Conc: 37.58 ug/ml



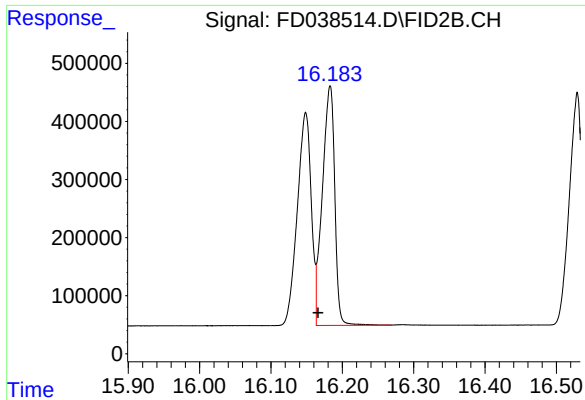
#15 Chrysene (C27.41)

R.T.: 14.637 min
Delta R.T.: 0.012 min
Response: 5294932
Conc: 38.34 ug/ml



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

R.T.: 16.149 min
Delta R.T.: 0.014 min
Response: 4982882
Conc: 39.85 ug/ml



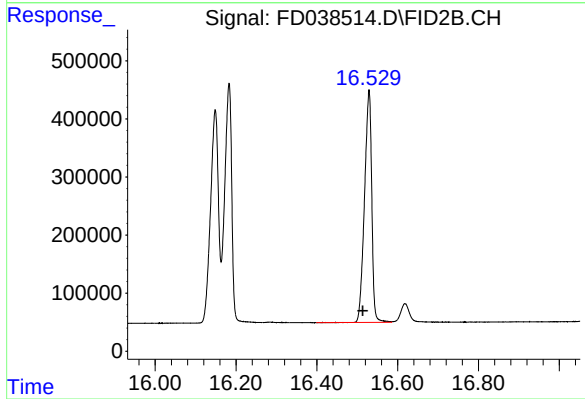
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.183 min
Delta R.T.: 0.017 min
Response: 4975382
Conc: 37.74 ug/ml

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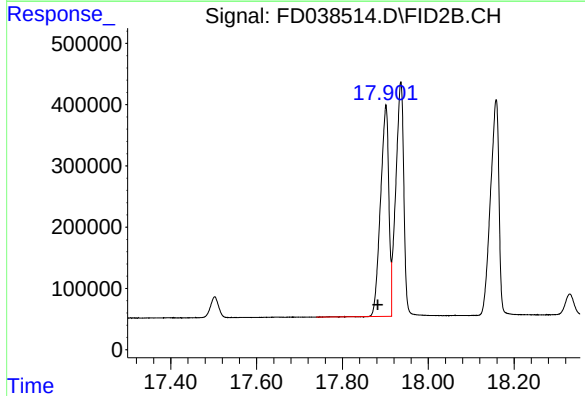
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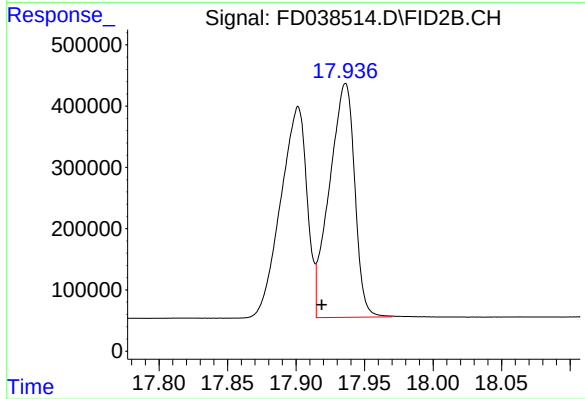
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.529 min
Delta R.T.: 0.016 min
Response: 4958593
Conc: 41.49 ug/ml



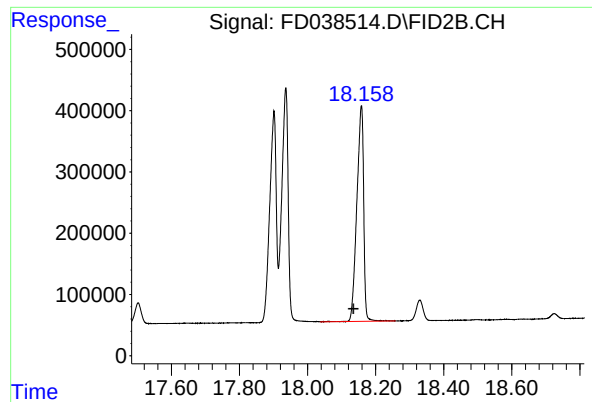
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.901 min
Delta R.T.: 0.019 min
Response: 4641473
Conc: 42.13 ug/ml



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

R.T.: 17.936 min
Delta R.T.: 0.017 min
Response: 4874989
Conc: 39.61 ug/ml m



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

R.T.: 18.158 min
Delta R.T.: 0.023 min
Response: 4897969
Conc: 42.76 ug/ml

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