

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081721AR\
 Data File : FD038605.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2021 21:24
 Operator : AJ\MA
 Sample : PB138453BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138453BS

Integration File: autoint1.e
 Quant Time: Aug 18 05:30:09 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...	7.472	6299969	49.711 ug/ml
Spiked Amount 50.000		Recovery =	99.42%
6) S 2-Fluorobiphenyl (SURR)	8.332	4205055	48.432 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.86%
11) S ortho-Terphenyl (SURR)	11.368	6498310	45.301 ug/ml
Spiked Amount 50.000		Recovery =	90.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	7162730	51.074 ug/ml
2) T Naphthalene (C11.7)	5.811	7340479	50.405 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	7189051	49.572 ug/ml
5) T Acenaphthylene (C15.06)	8.135	6823277	47.258 ug/ml
7) T Acenaphthene (C15.5)	8.430	7068447	47.222 ug/ml
8) T Fluorene (C16.55)	9.211	6684996	46.915 ug/ml
9) T Phenanthrene (C19.36)	10.605	6222825	44.086 ug/ml
10) T Anthracene (C19.43)	10.681	5824816	42.608 ug/ml
12) T Fluoranthene (C21.85)	12.416	5715453	40.690 ug/ml
13) T Pyrene (C20.8)	12.712	5582916	39.854 ug/ml
14) T Benzo[a]anthracene (C...	14.584	5109301	39.903 ug/ml
15) T Chrysene (C27.41)	14.628	5362974	38.831 ug/ml
16) T benzo[b]fluoranthene ...	16.140	5245450	41.947 ug/ml
17) T Bnezo[k]fluoranthene ...	16.174	5234012	39.702 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	4984135	41.704 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.893	5224082	47.414 ug/ml
20) T Dibenz[a,h]anthracene...	17.928	5283706	42.926 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	5253998	45.867 ug/ml

(f)=RT Delta > 1/2 Window

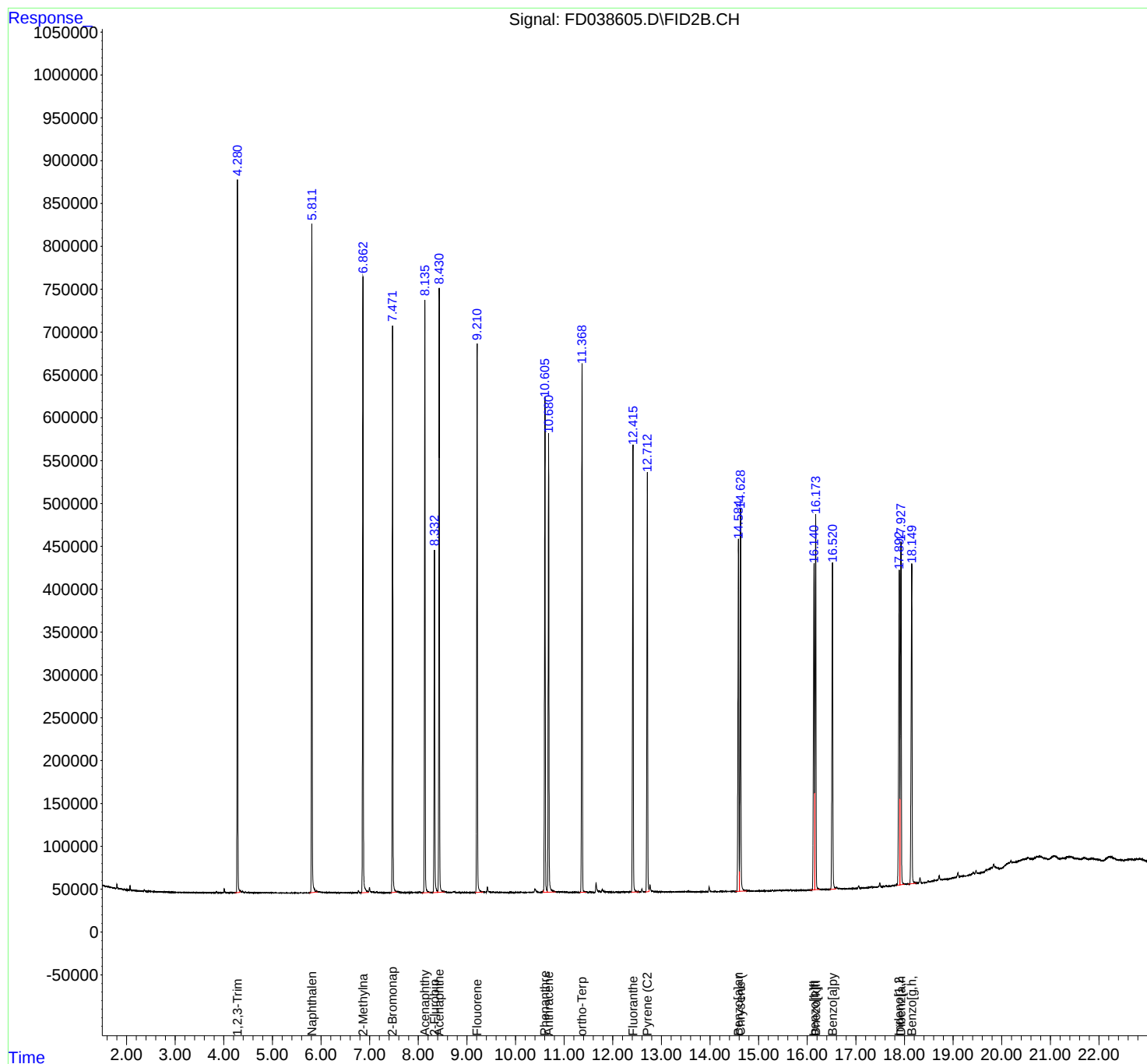
(m)=manual int.

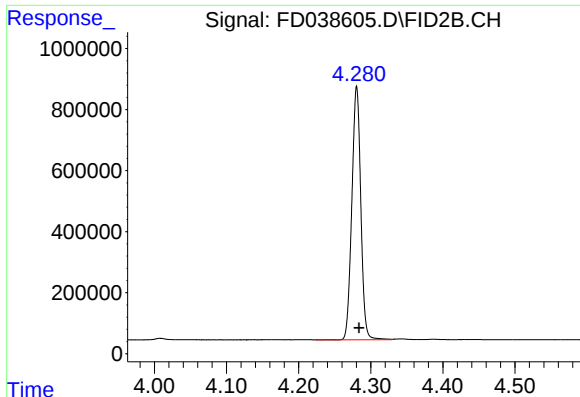
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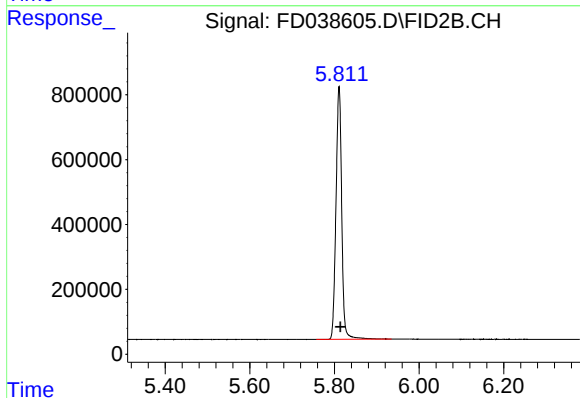




#1 1,2,3-Trimethylbenzene (C10.1)

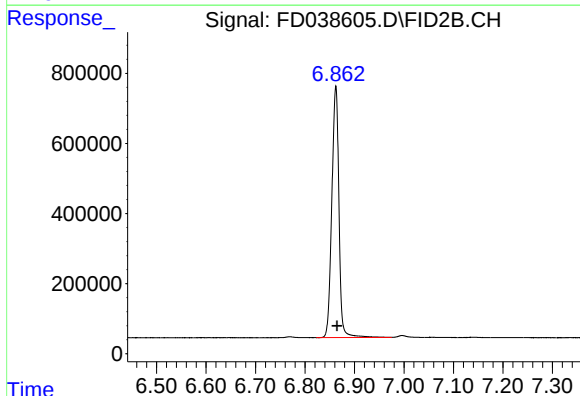
R.T.: 4.281 min
Delta R.T.: -0.003 min
Response: 7162730
Conc: 51.07 ug/ml

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FID_D
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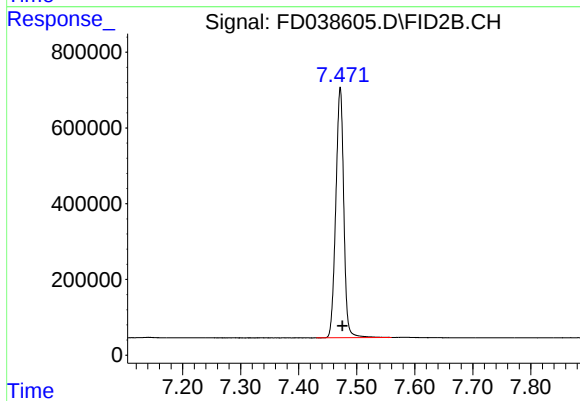
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: -0.003 min
Response: 7340479
Conc: 50.41 ug/ml



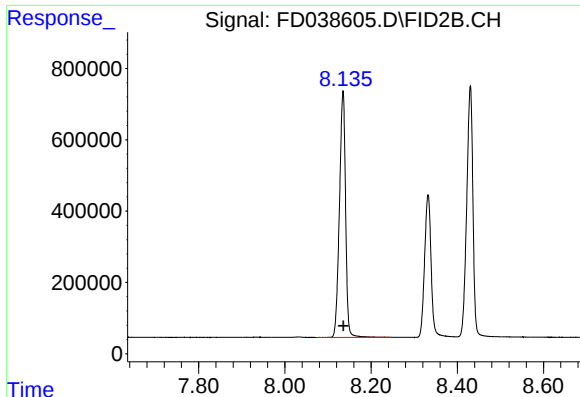
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 7189051
Conc: 49.57 ug/ml



#4 2-Bromonaphthalene (SURR)

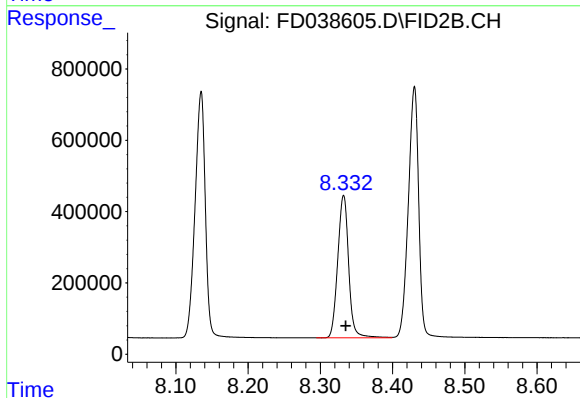
R.T.: 7.472 min
Delta R.T.: -0.004 min
Response: 6299969
Conc: 49.71 ug/ml



#5 Acenaphthylene (C15.06)

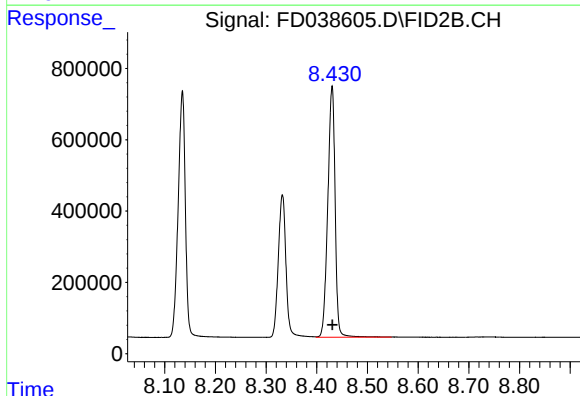
R.T.: 8.135 min
Delta R.T.: 0.000 min
Response: 6823277
Conc: 47.26 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138453BS



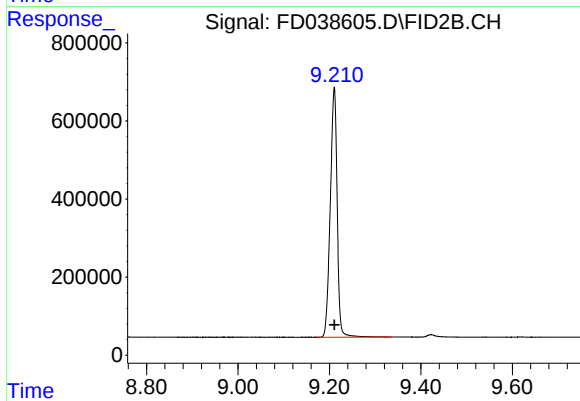
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.332 min
Delta R.T.: -0.003 min
Response: 4205055
Conc: 48.43 ug/ml



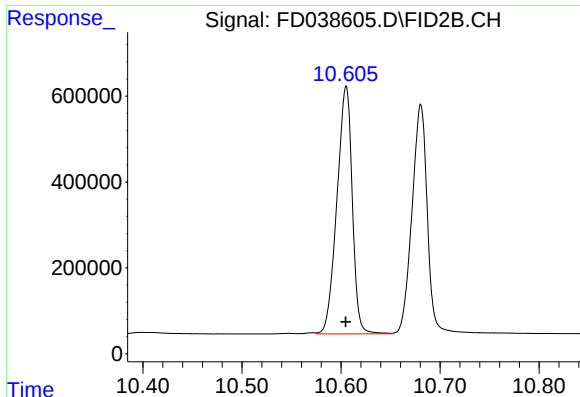
#7 Acenaphthene (C15.5)

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 7068447
Conc: 47.22 ug/ml



#8 Flouorene (C16.55)

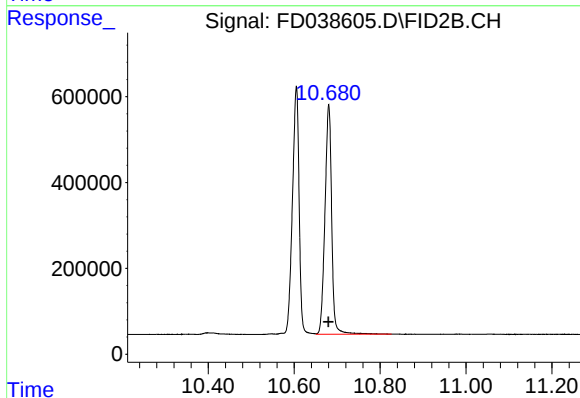
R.T.: 9.211 min
Delta R.T.: 0.000 min
Response: 6684996
Conc: 46.91 ug/ml



#9 Phenanthrene (C19.36)

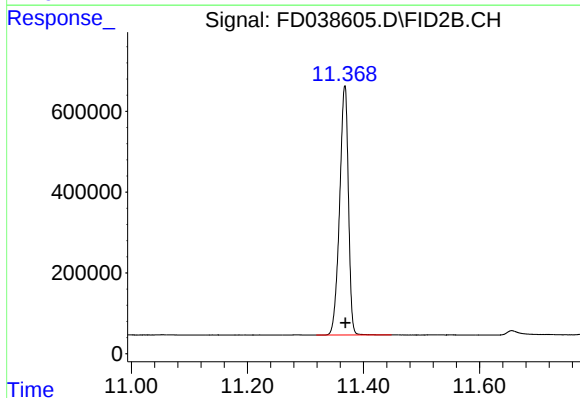
R.T.: 10.605 min
Delta R.T.: 0.000 min
Response: 6222825
Conc: 44.09 ug/ml

Instrument :
FID_D
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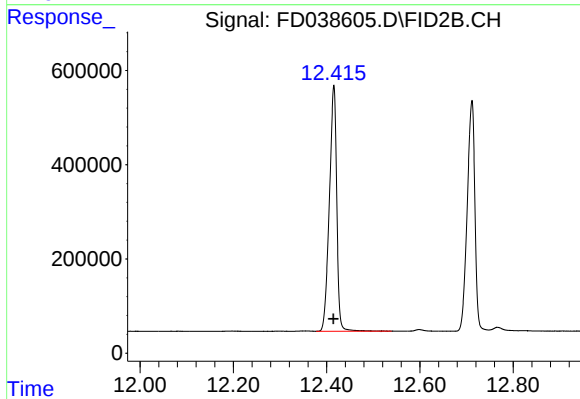
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: 0.000 min
Response: 5824816
Conc: 42.61 ug/ml



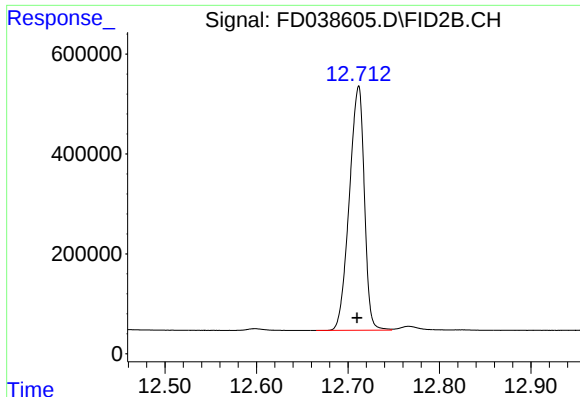
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.000 min
Response: 6498310
Conc: 45.30 ug/ml



#12 Fluoranthene (C21.85)

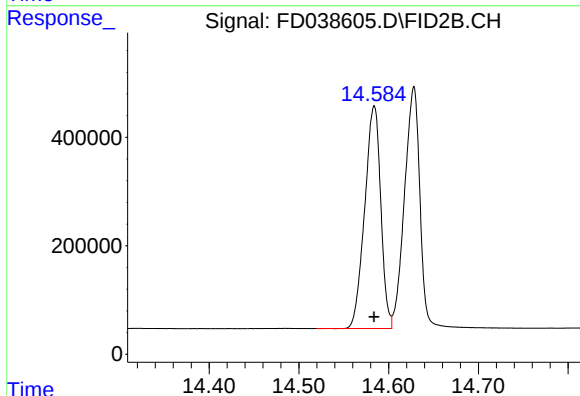
R.T.: 12.416 min
Delta R.T.: 0.001 min
Response: 5715453
Conc: 40.69 ug/ml



#13 Pyrene (C20.8)

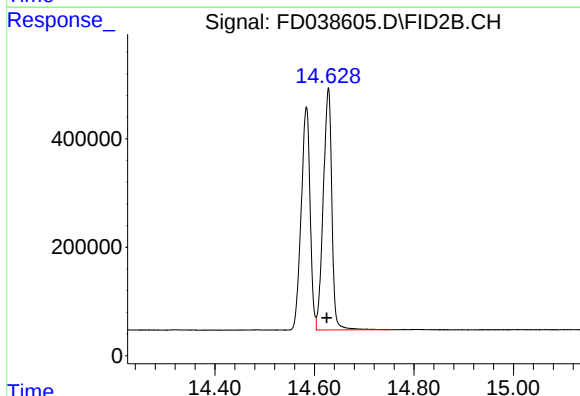
R.T.: 12.712 min
Delta R.T.: 0.002 min
Response: 5582916
Conc: 39.85 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138453BS



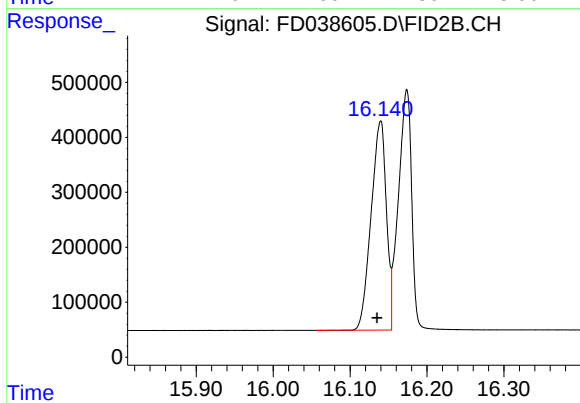
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min
Delta R.T.: 0.000 min
Response: 5109301
Conc: 39.90 ug/ml



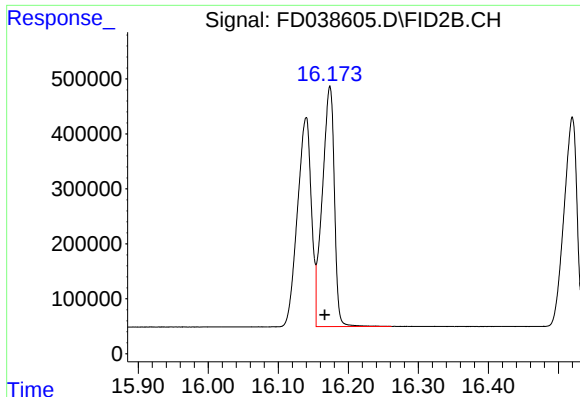
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: 0.004 min
Response: 5362974
Conc: 38.83 ug/ml



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

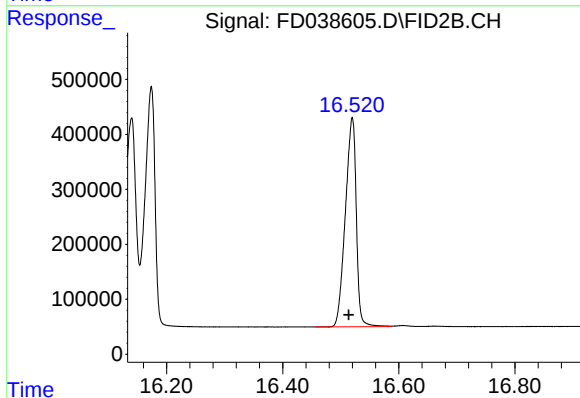
R.T.: 16.140 min
Delta R.T.: 0.005 min
Response: 5245450
Conc: 41.95 ug/ml



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

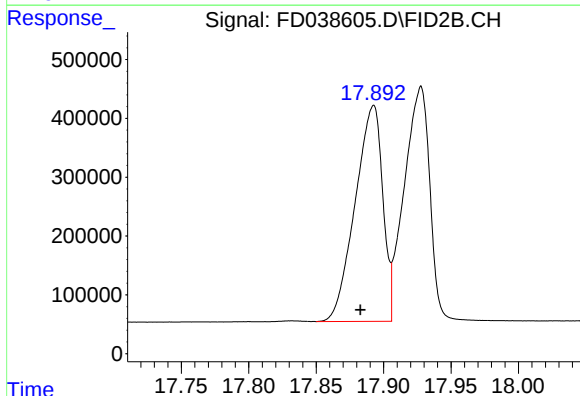
R.T.: 16.174 min
Delta R.T.: 0.008 min
Response: 5234012
Conc: 39.70 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138453BS



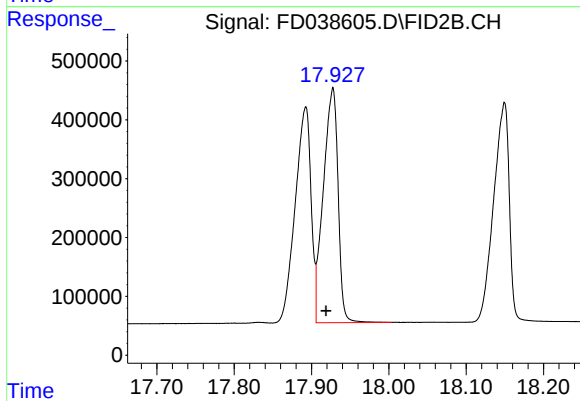
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.520 min
Delta R.T.: 0.006 min
Response: 4984135
Conc: 41.70 ug/ml



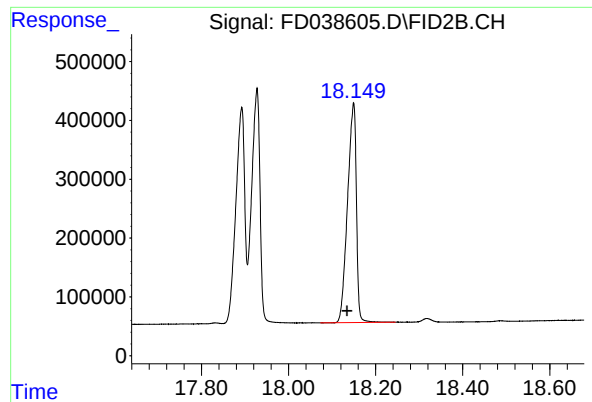
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.893 min
Delta R.T.: 0.010 min
Response: 5224082
Conc: 47.41 ug/ml



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

R.T.: 17.928 min
Delta R.T.: 0.009 min
Response: 5283706
Conc: 42.93 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.015 min
Response: 5253998
Conc: 45.87 ug/ml

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