

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041621AR\
 Data File : FD036944.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2021 00:16
 Operator : DD\AJ
 Sample : M2040-03
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 16 02:43:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.586	5629668	40.028 ug/ml
Spiked Amount 50.000		Recovery =	80.06%
6) S 2-Fluorobiphenyl (SURR)	8.446	3287938	35.027 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.05%
11) S ortho-Terphenyl (SURR)	11.489	5623997	36.823 ug/ml
Spiked Amount 50.000		Recovery =	73.65%
Target Compounds			
7) T Acenaphthene (C15.5)	8.524	142051	0.915 ug/ml
9) T Phenanthrene (C19.36)	10.716	335285	2.288 ug/ml
10) T Anthracene (C19.43)	10.790	101064	0.698 ug/ml
12) T Fluoranthene (C21.85)	12.528	682330	4.860 ug/ml
13) T Pyrene (C20.8)	12.824	542342	3.953 ug/ml
14) T Benzo[a]anthracene (C...	14.698	852644	7.180 ug/ml
15) T Chrysene (C27.41)	14.740	872053	7.211 ug/ml
16) T benzo[b]fluoranthene ...	16.250	693310	6.318 ug/ml
17) T Bnezo[k]fluoranthene ...	16.250	693310	6.522 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.629	655503	6.577 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	446212	4.439 ug/ml
20) T Dibenz[a,h]anthracene...	17.986	446212	4.425 ug/ml
21) T Benzo[g,h,i]perylene ...	18.240	365650	3.609 ug/ml

(f)=RT Delta > 1/2 Window

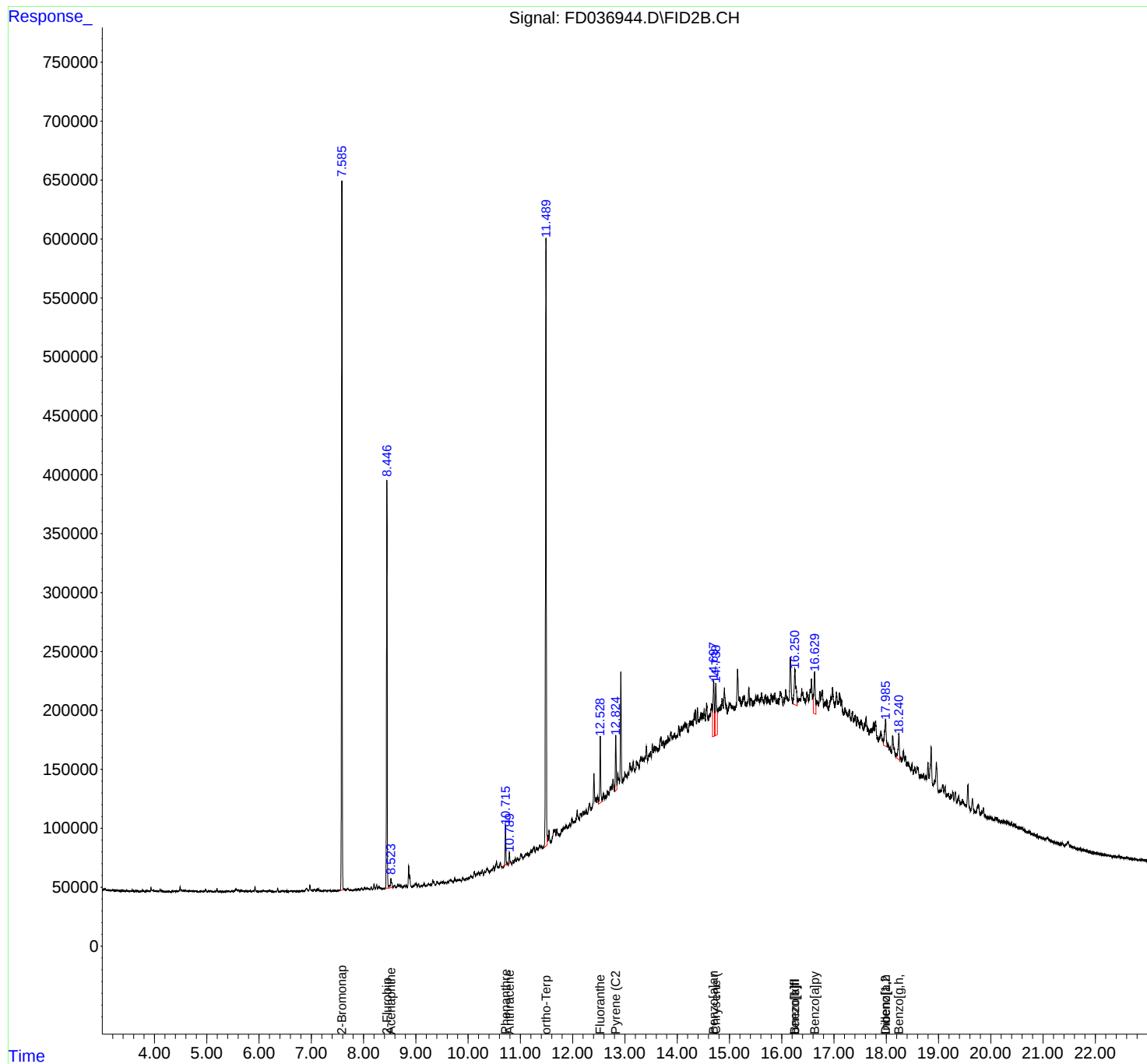
(m)=manual int.

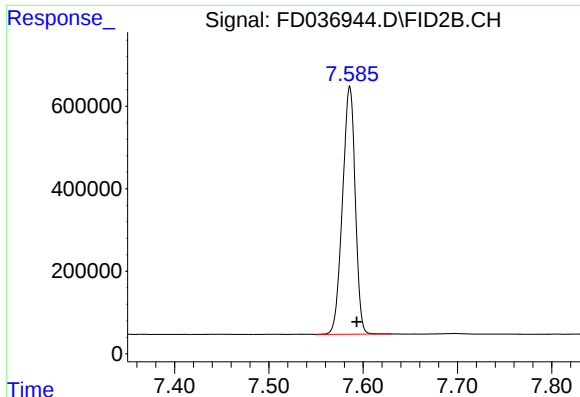
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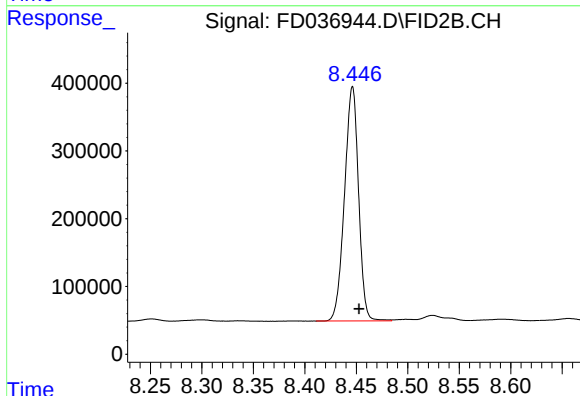




#4 2-Bromonaphthalene (SURR)

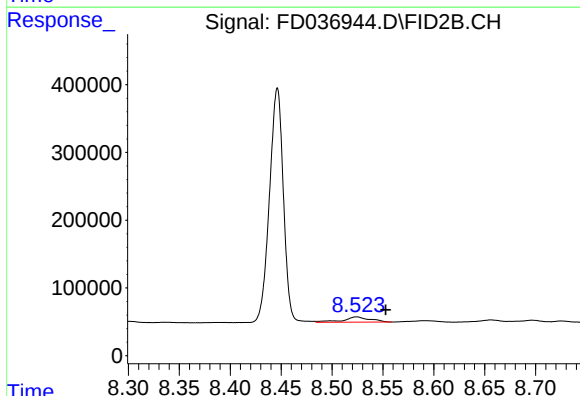
R.T.: 7.586 min
Delta R.T.: -0.007 min
Response: 5629668
Conc: 40.03 ug/ml

Instrument :
FID_D
ClientSampleId :



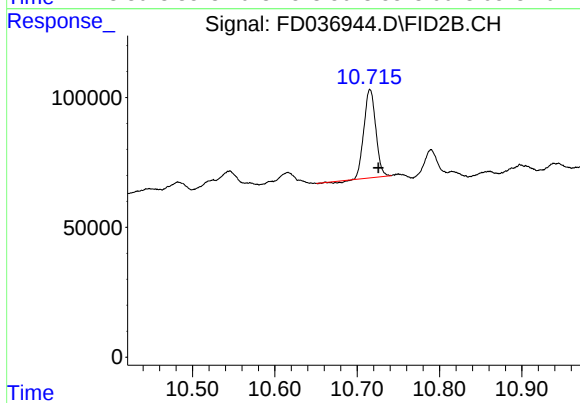
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.446 min
Delta R.T.: -0.006 min
Response: 3287938
Conc: 35.03 ug/ml



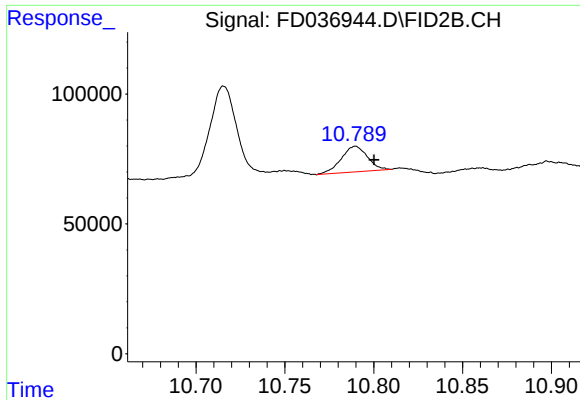
#7 Acenaphthene (C15.5)

R.T.: 8.524 min
Delta R.T.: -0.029 min
Response: 142051
Conc: 0.92 ug/ml



#9 Phenanthrene (C19.36)

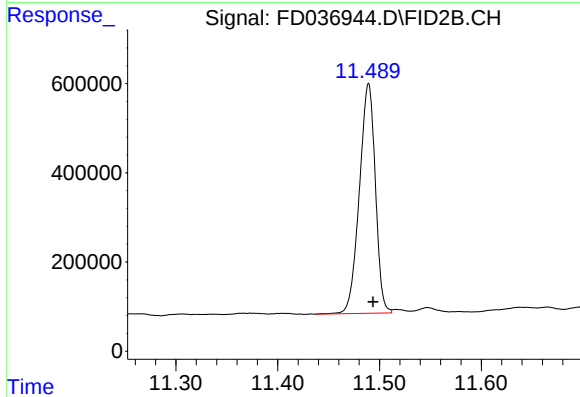
R.T.: 10.716 min
Delta R.T.: -0.010 min
Response: 335285
Conc: 2.29 ug/ml



#10 Anthracene (C19.43)

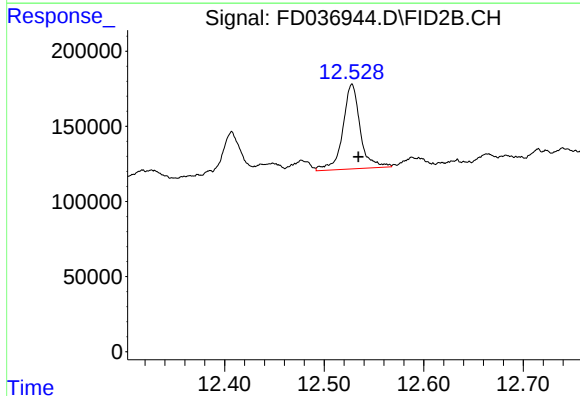
R.T.: 10.790 min
Delta R.T.: -0.010 min
Response: 101064
Conc: 0.70 ug/ml

Instrument :
FID_D
ClientSampleId :



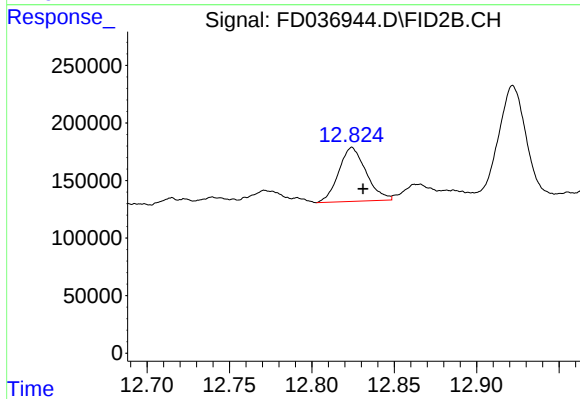
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.005 min
Response: 5623997
Conc: 36.82 ug/ml



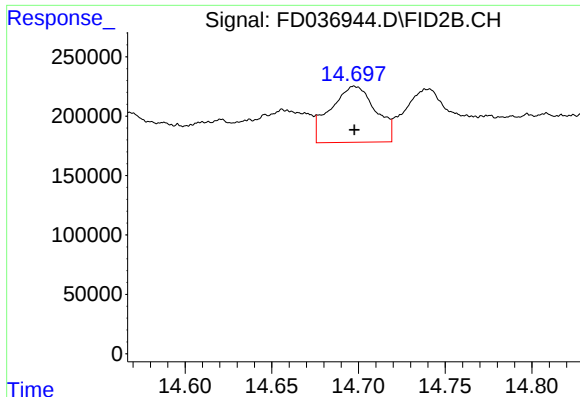
#12 Fluoranthene (C21.85)

R.T.: 12.528 min
Delta R.T.: -0.006 min
Response: 682330
Conc: 4.86 ug/ml



#13 Pyrene (C20.8)

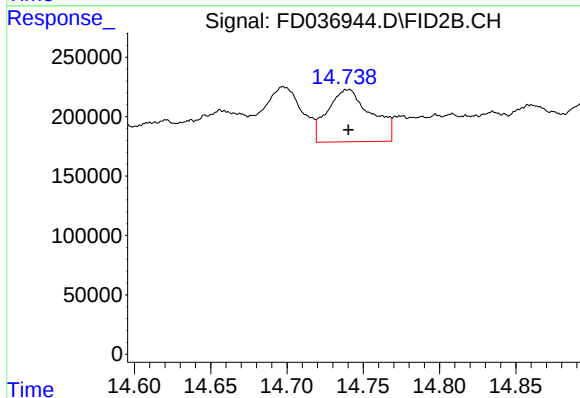
R.T.: 12.824 min
Delta R.T.: -0.007 min
Response: 542342
Conc: 3.95 ug/ml



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

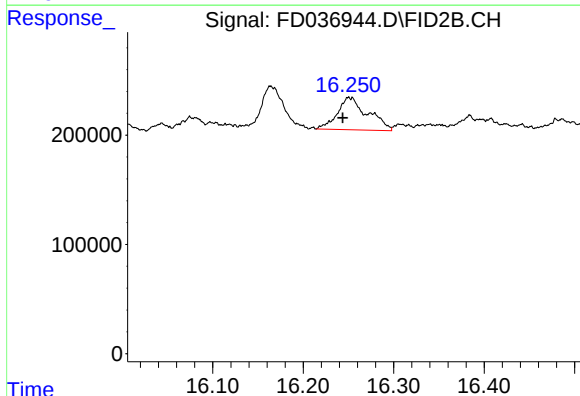
R.T.: 14.698 min
Delta R.T.: 0.000 min
Response: 852644
Conc: 7.18 ug/ml

Instrument :
FID_D
ClientSampleId :



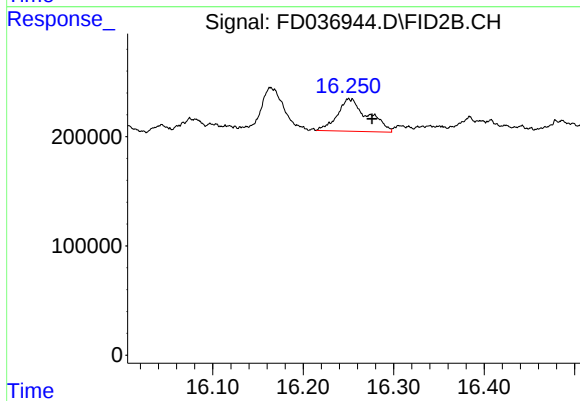
#15 Chrysene (C27.41)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 872053
Conc: 7.21 ug/ml



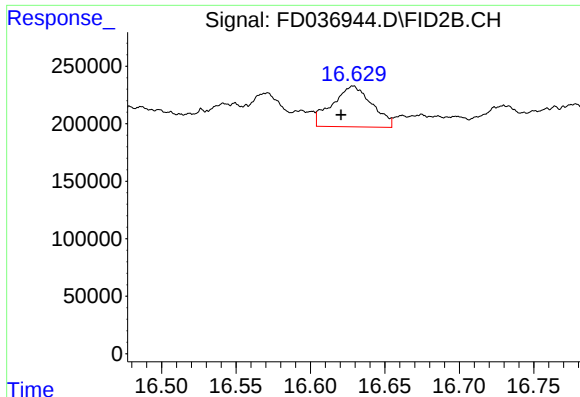
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.250 min
Delta R.T.: 0.007 min
Response: 693310
Conc: 6.32 ug/ml



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

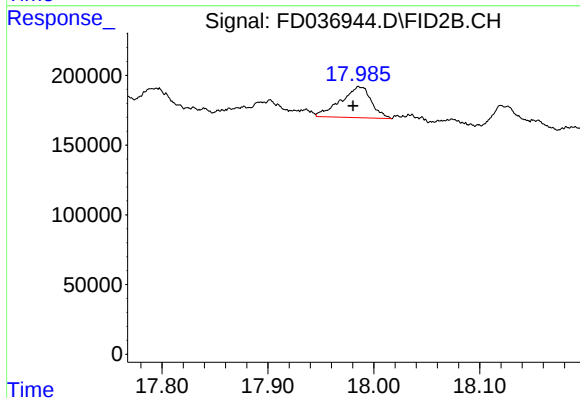
R.T.: 16.250 min
Delta R.T.: -0.026 min
Response: 693310
Conc: 6.52 ug/ml



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

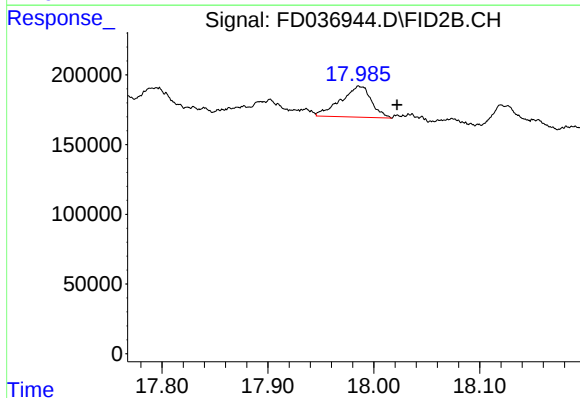
R.T.: 16.629 min
Delta R.T.: 0.008 min
Response: 655503
Conc: 6.58 ug/ml

Instrument :
FID_D
ClientSampleId :



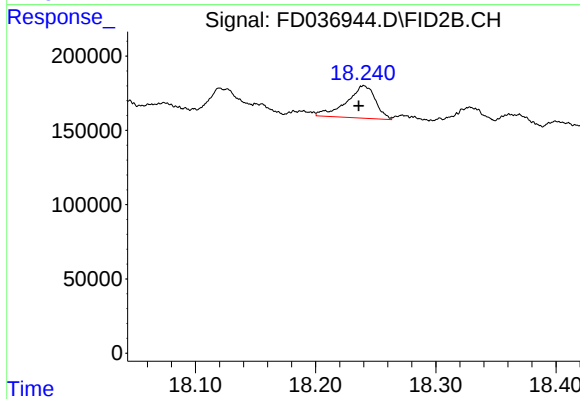
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: 0.006 min
Response: 446212
Conc: 4.44 ug/ml



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

R.T.: 17.986 min
Delta R.T.: -0.036 min
Response: 446212
Conc: 4.43 ug/ml



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

R.T.: 18.240 min
Delta R.T.: 0.004 min
Response: 365650
Conc: 3.61 ug/ml