

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030821AR\
 Data File : FD036329.D
 Signal(s) : FID2B.CH
 Acq On : 08 Mar 2021 11:47
 Operator : DD\AJ
 Sample : M1503-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 08 14:17:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.602	5526901	46.889 ug/ml
Spiked Amount 50.000		Recovery =	93.78%
6) S 2-Fluorobiphenyl (SURR)	8.460	2000566	24.039 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.08%
11) S ortho-Terphenyl (SURR)	11.506	6868361	48.752 ug/ml
Spiked Amount 50.000		Recovery =	97.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.402	37283	0.297 ug/ml
2) T Naphthalene (C11.7)	5.939	368254	2.718 ug/ml
3) T 2-Methylnaphthalene (...)	6.989	721155	5.281 ug/ml
5) T Acenaphthylene (C15.06)	8.215f	59399	0.441 ug/ml
7) T Acenaphthene (C15.5)	8.557	51190	0.370 ug/ml
8) T Flouorene (C16.55)	9.336	83511	0.612 ug/ml
9) T Phenanthrene (C19.36)	10.731	580544	4.214 ug/ml
10) T Anthracene (C19.43)	10.805	150340	1.120 ug/ml
12) T Fluoranthene (C21.85)	12.540	999756	7.199 ug/ml
13) T Pyrene (C20.8)	12.836	925094	6.748 ug/ml
14) T Benzo[a]anthracene (C...	14.703	487466	3.854 ug/ml
15) T Chrysene (C27.41)	14.743	493324	3.809 ug/ml
16) T benzo[b]fluoranthene ...	16.252	602855	4.953 ug/ml
17) T Bnezo[k]fluoranthene ...	16.279	196373	1.668 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.627	454003	4.117 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.985	458747	4.146 ug/ml
20) T Dibenz[a,h]anthracene...	18.032	110606	0.999 ug/ml
21) T Benzo[g,h,i]perylene ...	18.238	275506	2.492 ug/ml

(f)=RT Delta > 1/2 Window

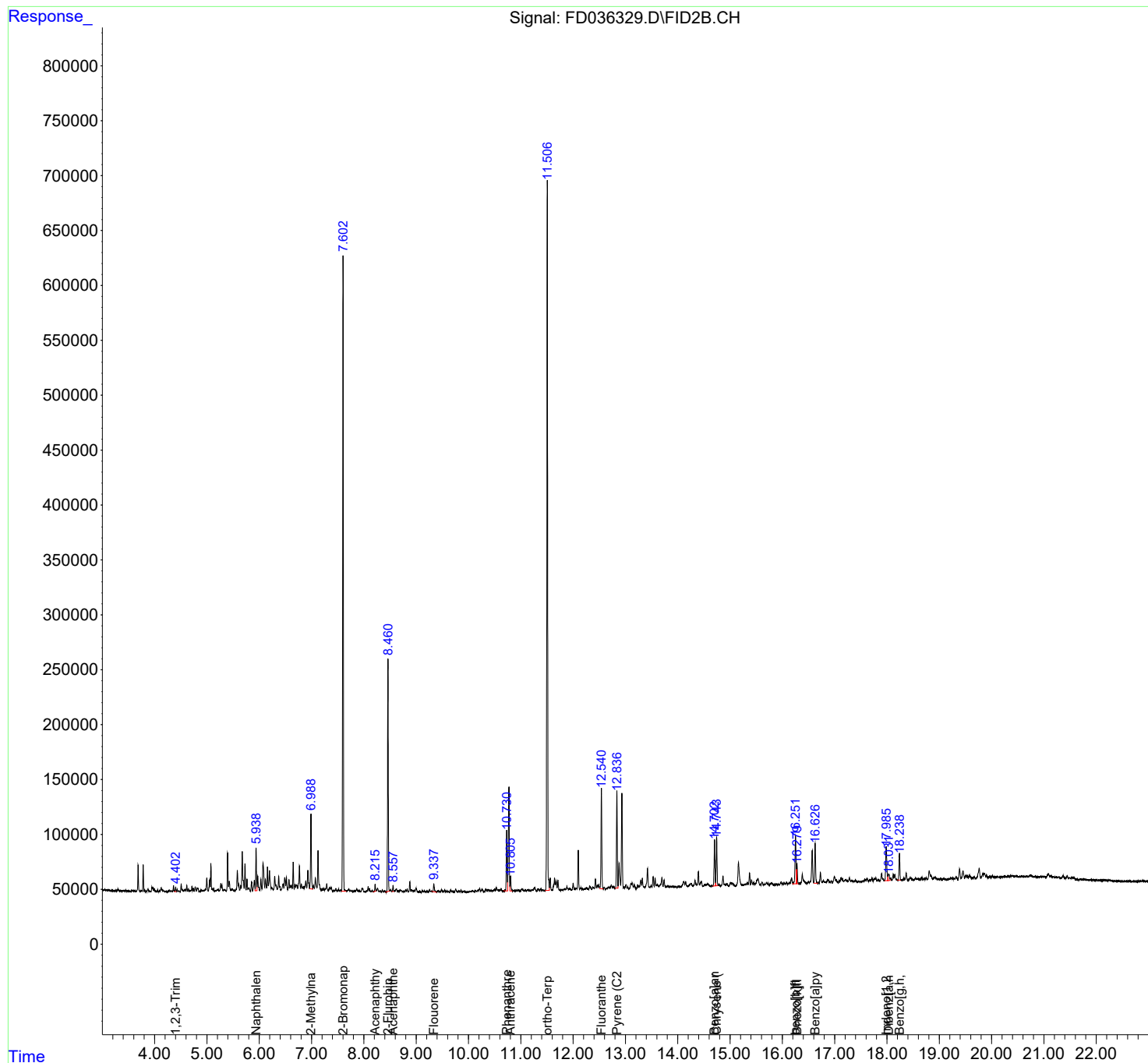
(m)=manual int.

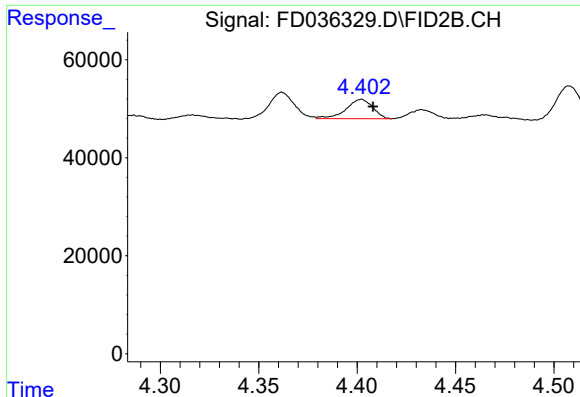
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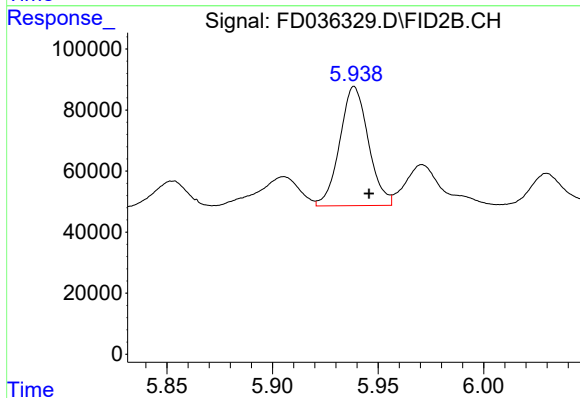




#1 1,2,3-Trimethylbenzene (C10.1)

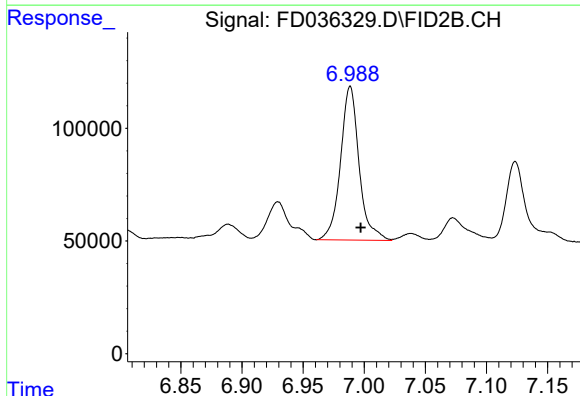
R.T.: 4.402 min
Delta R.T.: -0.006 min
Response: 37283
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



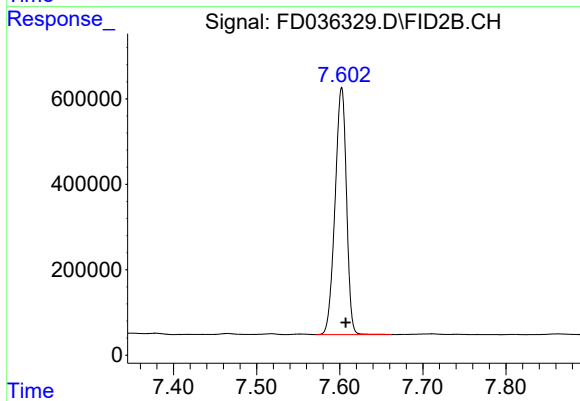
#2 Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.007 min
Response: 368254
Conc: 2.72 ug/ml



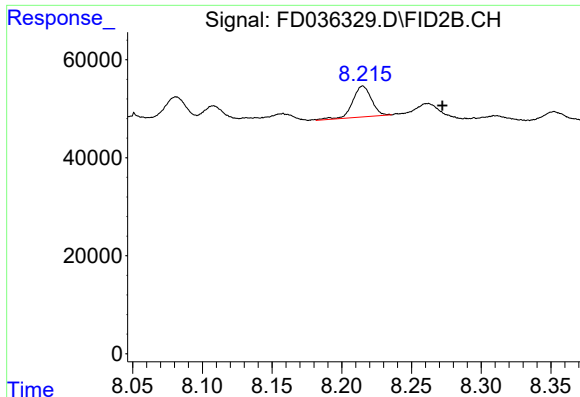
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: -0.009 min
Response: 721155
Conc: 5.28 ug/ml



#4 2-Bromonaphthalene (SURR)

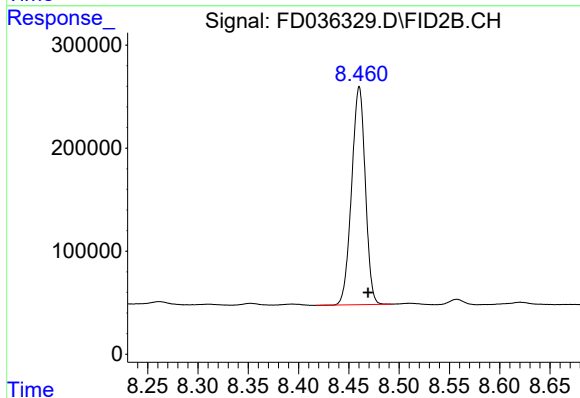
R.T.: 7.602 min
Delta R.T.: -0.005 min
Response: 5526901
Conc: 46.89 ug/ml



#5 Acenaphthylene (C15.06)

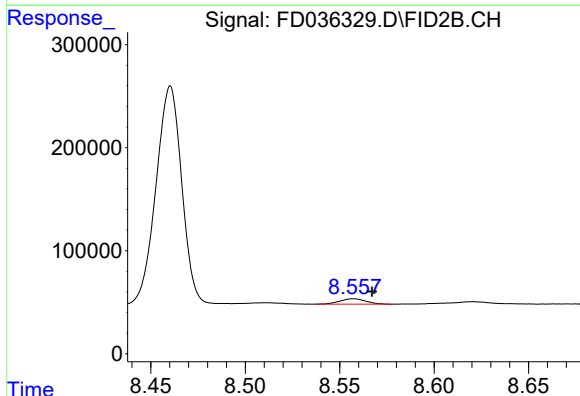
R.T.: 8.215 min
Delta R.T.: -0.057 min
Response: 59399
Conc: 0.44 ug/ml

Instrument :
FID_D
ClientSampleId :



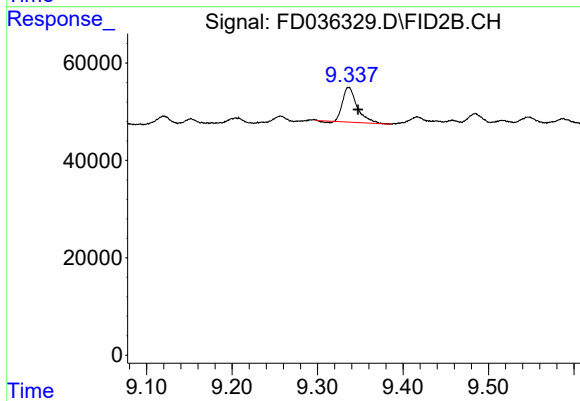
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.460 min
Delta R.T.: -0.009 min
Response: 2000566
Conc: 24.04 ug/ml



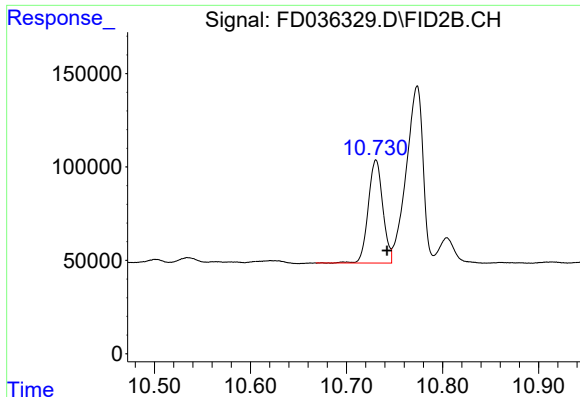
#7 Acenaphthene (C15.5)

R.T.: 8.557 min
Delta R.T.: -0.010 min
Response: 51190
Conc: 0.37 ug/ml



#8 Flouorene (C16.55)

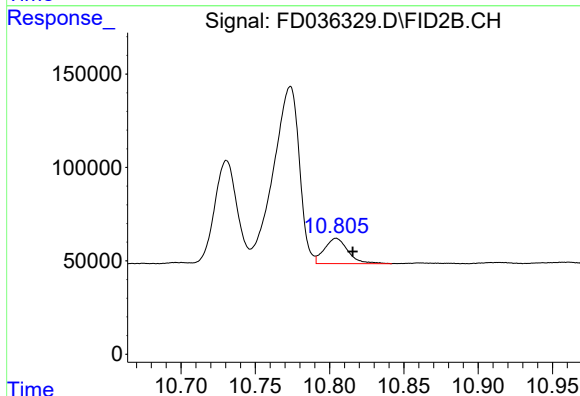
R.T.: 9.336 min
Delta R.T.: -0.011 min
Response: 83511
Conc: 0.61 ug/ml



#9 Phenanthrene (C19.36)

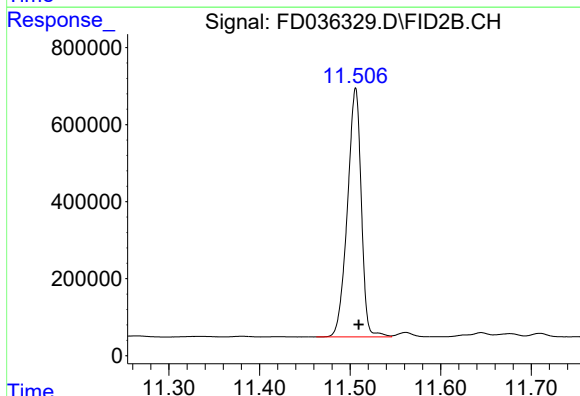
R.T.: 10.731 min
Delta R.T.: -0.012 min
Response: 580544
Conc: 4.21 ug/ml

Instrument :
FID_D
ClientSampleId :



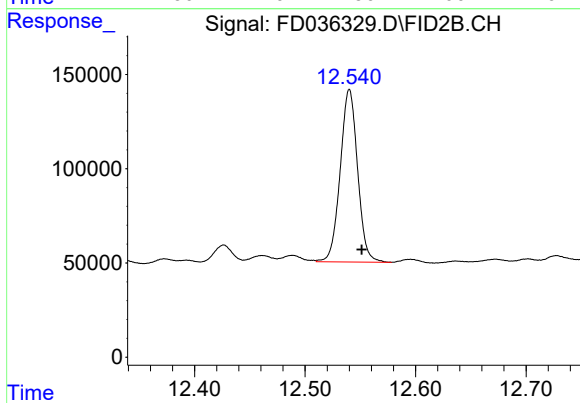
#10 Anthracene (C19.43)

R.T.: 10.805 min
Delta R.T.: -0.011 min
Response: 150340
Conc: 1.12 ug/ml



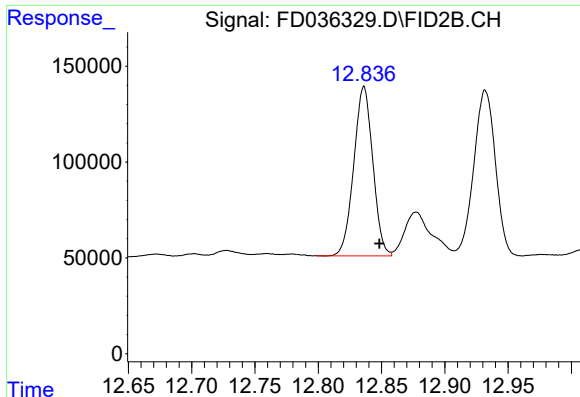
#11 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: -0.003 min
Response: 6868361
Conc: 48.75 ug/ml



#12 Fluoranthene (C21.85)

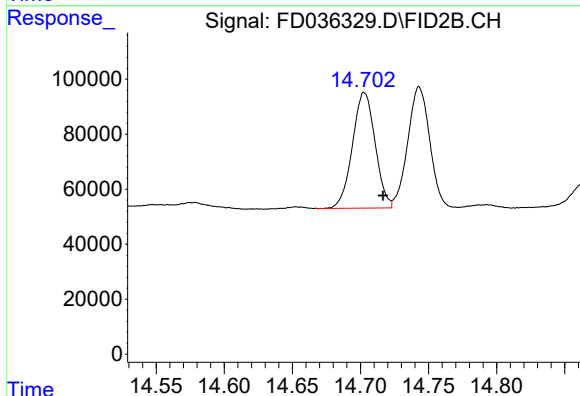
R.T.: 12.540 min
Delta R.T.: -0.011 min
Response: 999756
Conc: 7.20 ug/ml



#13 Pyrene (C20.8)

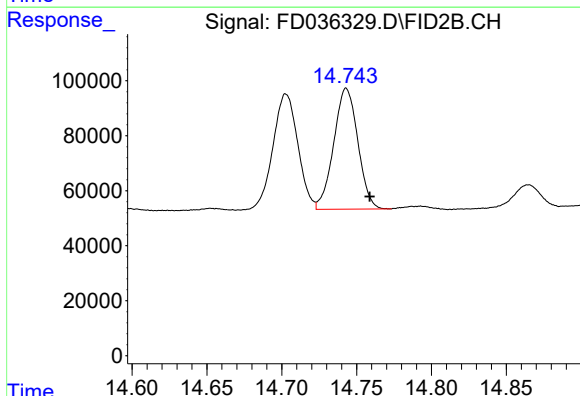
R.T.: 12.836 min
Delta R.T.: -0.012 min
Response: 925094
Conc: 6.75 ug/ml

Instrument :
FID_D
ClientSampleId :



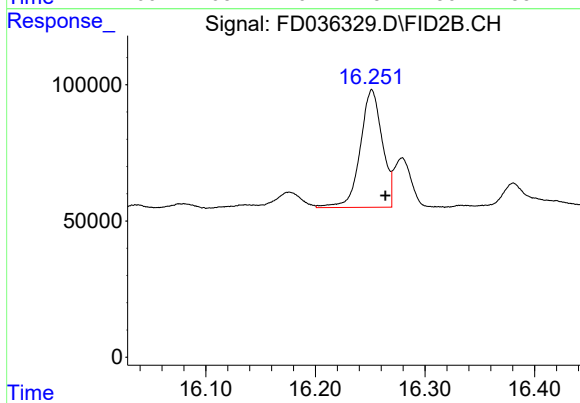
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.703 min
Delta R.T.: -0.014 min
Response: 487466
Conc: 3.85 ug/ml



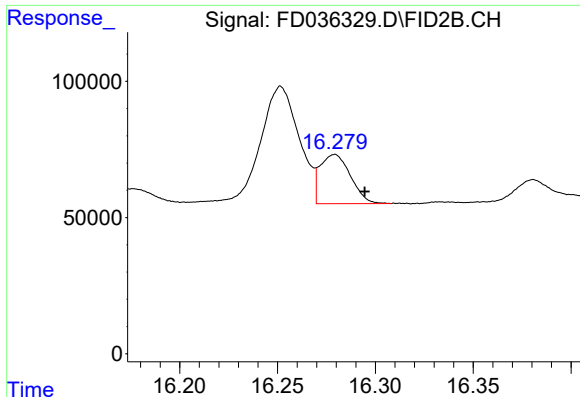
#15 Chrysene (C27.41)

R.T.: 14.743 min
Delta R.T.: -0.016 min
Response: 493324
Conc: 3.81 ug/ml



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

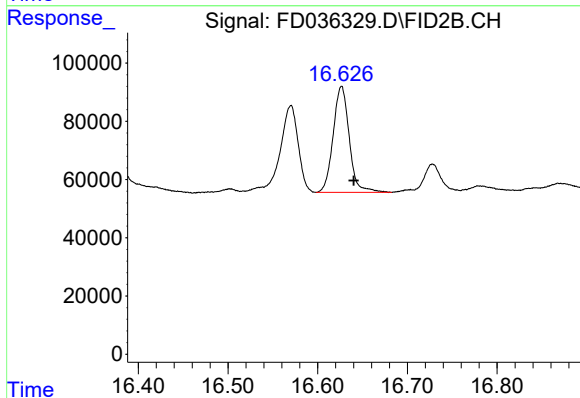
R.T.: 16.252 min
Delta R.T.: -0.012 min
Response: 602855
Conc: 4.95 ug/ml



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

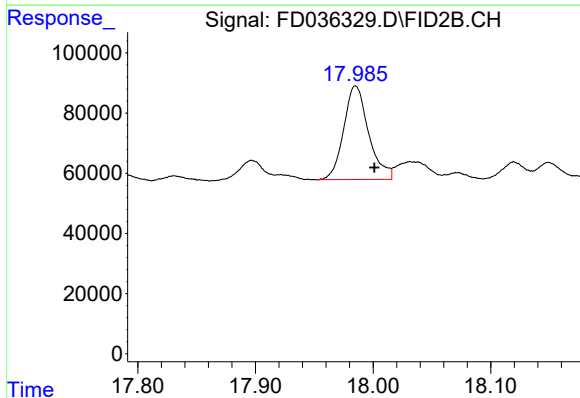
R.T.: 16.279 min
Delta R.T.: -0.015 min
Response: 196373
Conc: 1.67 ug/ml

Instrument :
FID_D
ClientSampleId :



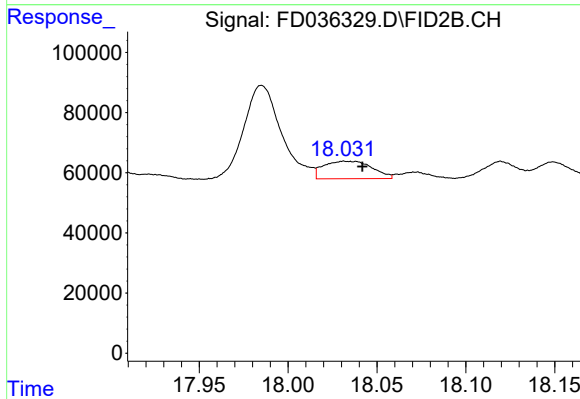
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.627 min
Delta R.T.: -0.014 min
Response: 454003
Conc: 4.12 ug/ml



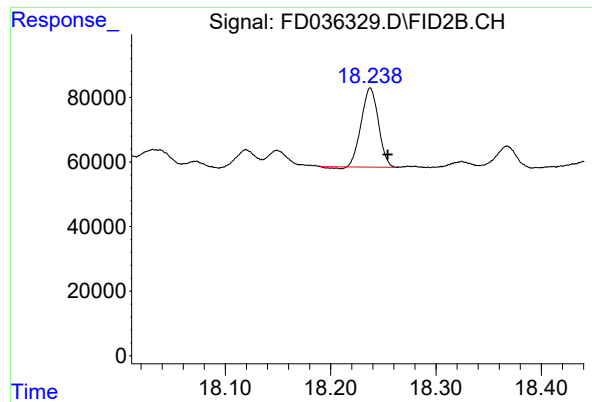
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.985 min
Delta R.T.: -0.016 min
Response: 458747
Conc: 4.15 ug/ml



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

R.T.: 18.032 min
Delta R.T.: -0.010 min
Response: 110606
Conc: 1.00 ug/ml



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

R.T.: 18.238 min
Delta R.T.: -0.017 min
Response: 275506
Conc: 2.49 ug/ml

Instrument :
FID_D
ClientSampleId :