

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\
 Data File : FD022341.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2018 21:29
 Operator : UA/AJ
 Sample : J1722-07
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 06 01:40:41 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...	7.336	6771233	80.825 ug/ml
Spiked Amount 50.000		Recovery =	161.65%
6) S 2-Fluorobiphenyl (SURR)	8.193	4630995	91.599 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	183.20%#
11) S ortho-Terphenyl (SURR)	11.223	5452521	57.455 ug/ml
Spiked Amount 50.000		Recovery =	114.91%
Target Compounds			
2) T Naphthalene (C11.7)	5.689	108198	1.210 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	58418	0.643 ug/ml
5) T Acenaphthylene (C15.06)	8.003	57153	0.597 ug/ml
7) T Acenaphthene (C15.5)	8.290	128092	1.250 ug/ml
8) T Fluorene (C16.55)	9.080	82984	0.885 ug/ml
9) T Phenanthrene (C19.36)	10.460	1053497	11.307 ug/ml
10) T Anthracene (C19.43)	10.544	259308	2.735 ug/ml
12) T Fluoranthene (C21.85)	12.268	2193806	21.871 ug/ml
13) T Pyrene (C20.8)	12.564	1999587	19.682 ug/ml
14) T Benzo[a]anthracene (C...	14.442	1116735	11.581 ug/ml
15) T Chrysene (C27.41)	14.482	1315192	12.186 ug/ml
16) T benzo[b]fluoranthene ...	16.001	1403268	13.959 ug/ml
17) T Bnezo[k]fluoranthene ...	16.032	524224	4.620 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.423	66732	0.635 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.767	913354	9.587 ug/ml
20) T Dibenz[a,h]anthracene...	17.767f	913354	8.037 ug/ml
21) T Benzo[a,h,i]perylene ...	18.018	541902	5.217 ug/ml

(f)=RT Delta > 1/2 Window

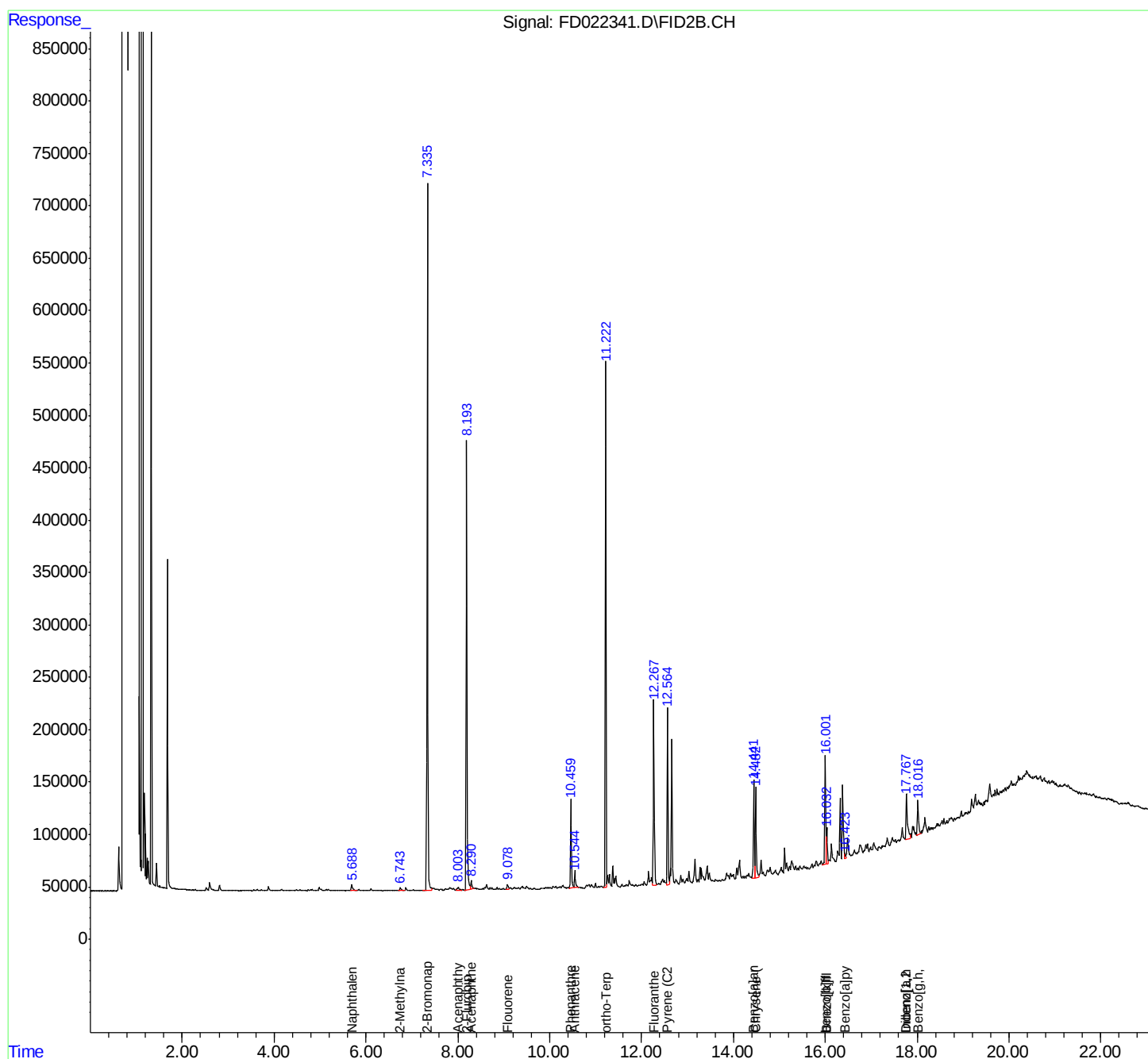
(m)=manual int.

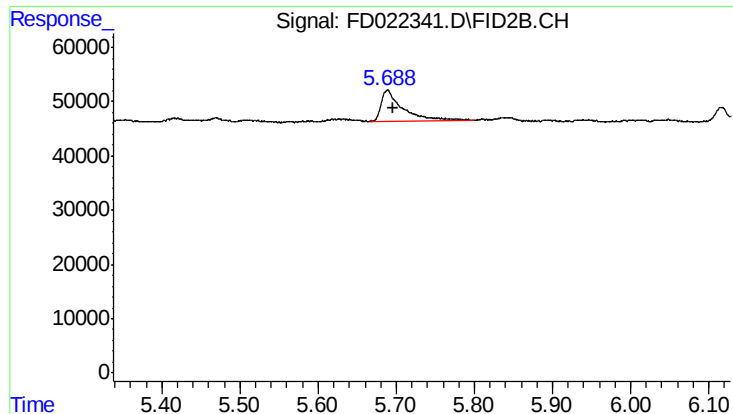
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

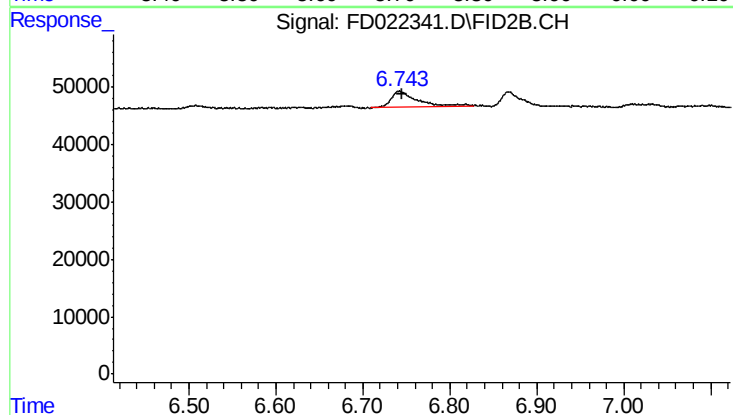




#2 Naphthalene (C11.7)

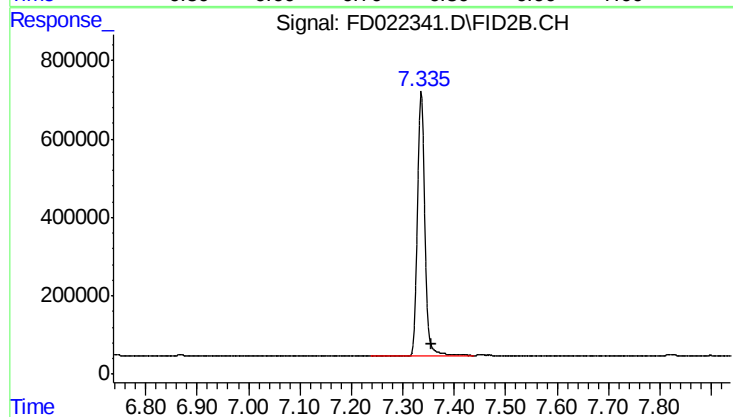
R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 108198
Conc: 1.21 ug/ml

Instrument :
FID_D
ClientSampleId :



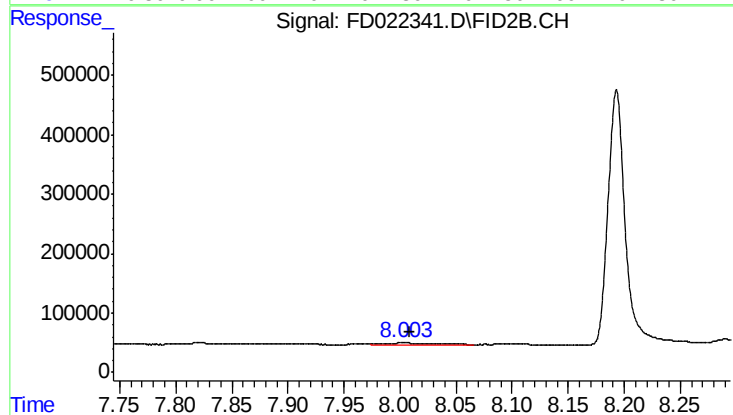
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 58418
Conc: 0.64 ug/ml



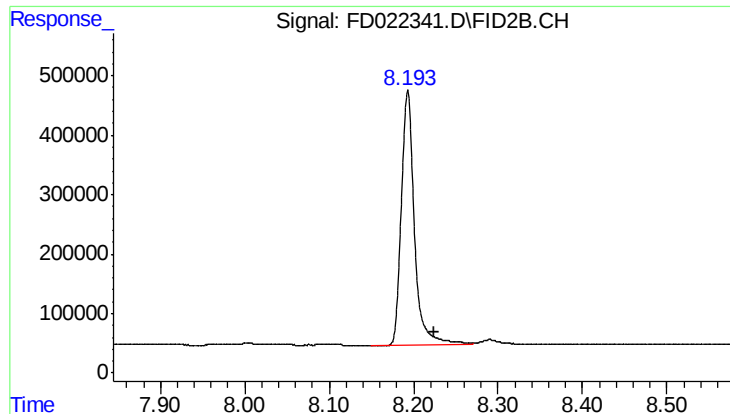
#4 2-Bromonaphthalene (SURR)

R.T.: 7.336 min
Delta R.T.: -0.019 min
Response: 6771233
Conc: 80.82 ug/ml



#5 Acenaphthylene (C15.06)

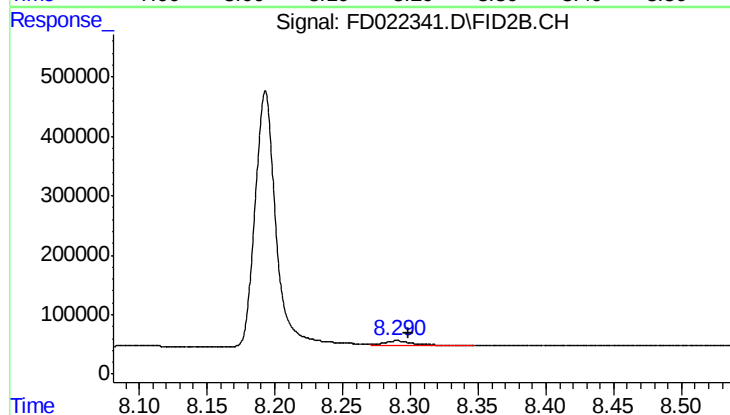
R.T.: 8.003 min
Delta R.T.: -0.006 min
Response: 57153
Conc: 0.60 ug/ml



#6 2-Fluorobiphenyl (SURR)

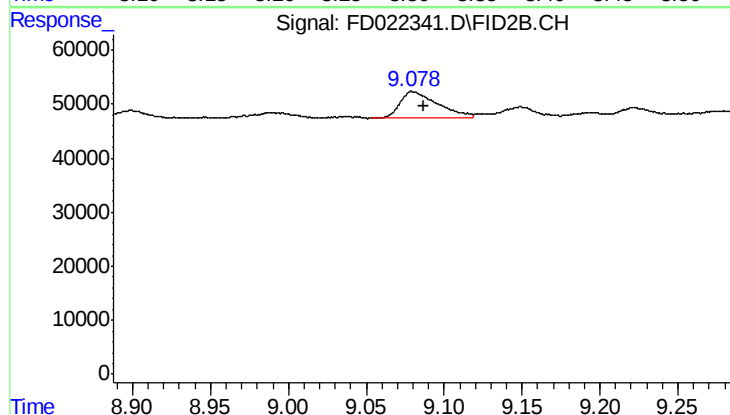
R.T.: 8.193 min
Delta R.T.: -0.031 min
Response: 4630995
Conc: 91.60 ug/ml

Instrument :
FID_D
ClientSampleId :



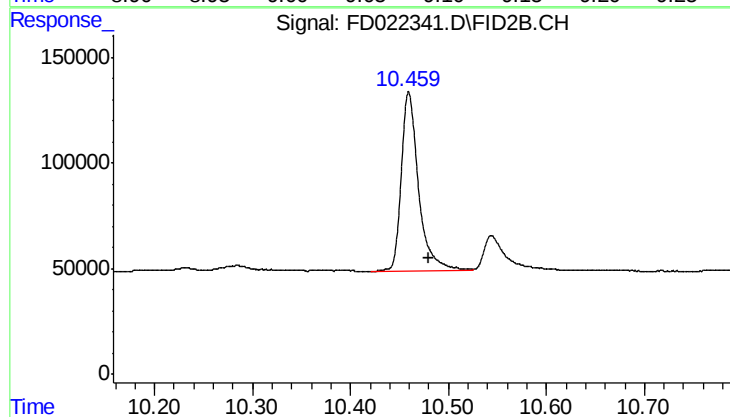
#7 Acenaphthene (C15.5)

R.T.: 8.290 min
Delta R.T.: -0.009 min
Response: 128092
Conc: 1.25 ug/ml



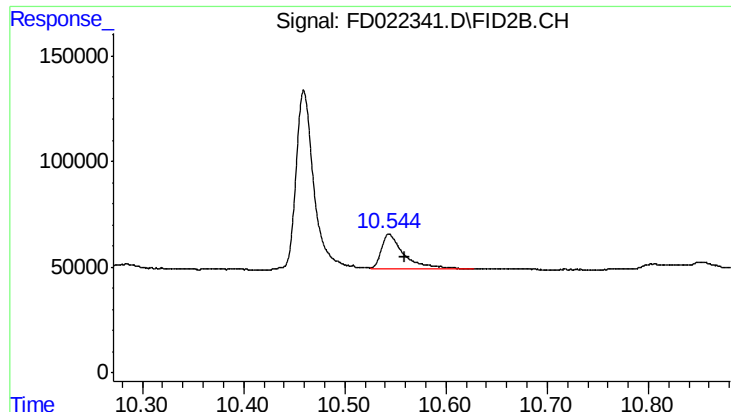
#8 Flouorene (C16.55)

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 82984
Conc: 0.89 ug/ml



#9 Phenanthrene (C19.36)

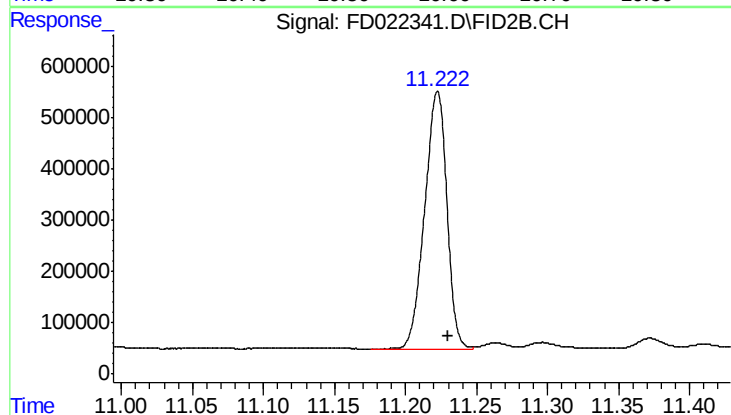
R.T.: 10.460 min
Delta R.T.: -0.020 min
Response: 1053497
Conc: 11.31 ug/ml



#10 Anthracene (C19.43)

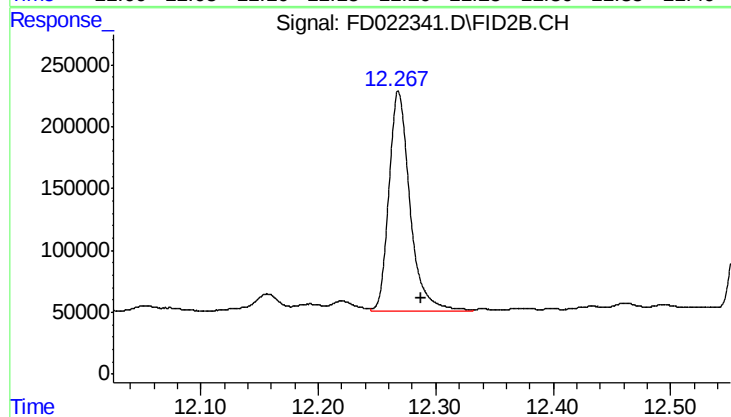
R.T.: 10.544 min
Delta R.T.: -0.015 min
Response: 259308
Conc: 2.73 ug/ml

Instrument :
FID_D
ClientSampleId :



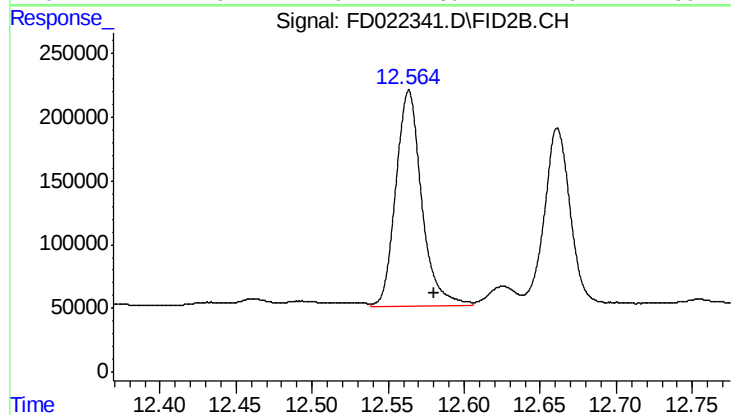
#11 ortho-Terphenyl (SURRE)

R.T.: 11.223 min
Delta R.T.: -0.008 min
Response: 5452521
Conc: 57.45 ug/ml



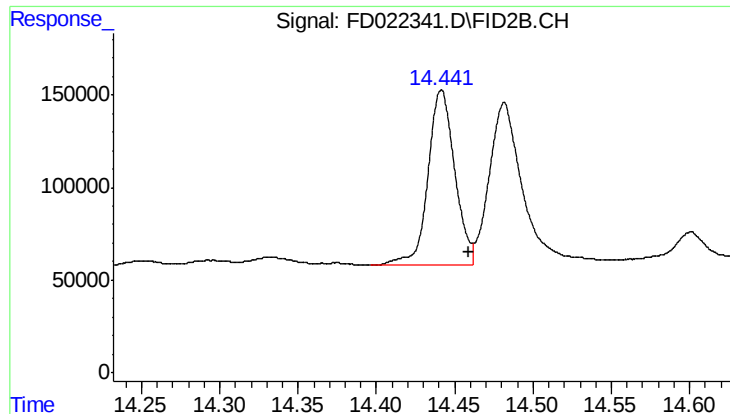
#12 Fluoranthene (C21.85)

R.T.: 12.268 min
Delta R.T.: -0.020 min
Response: 2193806
Conc: 21.87 ug/ml



#13 Pyrene (C20.8)

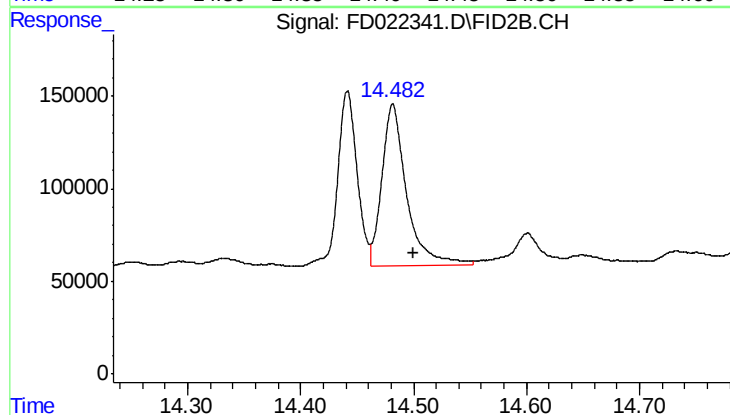
R.T.: 12.564 min
Delta R.T.: -0.016 min
Response: 1999587
Conc: 19.68 ug/ml



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

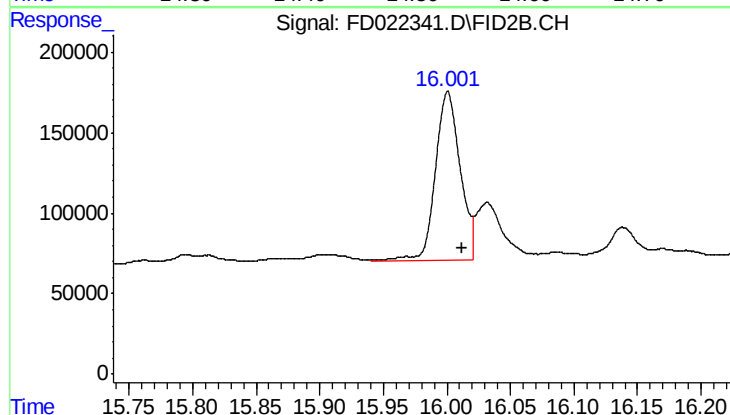
R.T.: 14.442 min
Delta R.T.: -0.018 min
Response: 1116735
Conc: 11.58 ug/ml

Instrument :
FID_D
ClientSampleId :



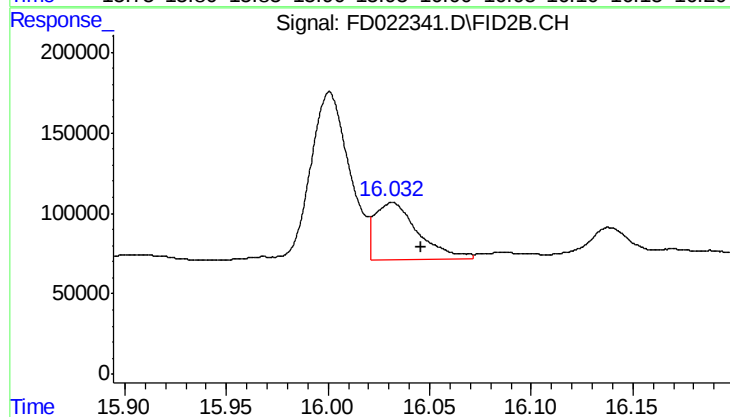
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: -0.019 min
Response: 1315192
Conc: 12.19 ug/ml



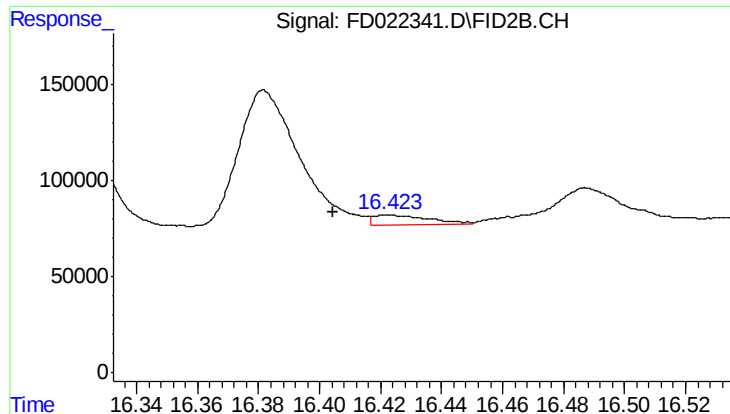
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.001 min
Delta R.T.: -0.011 min
Response: 1403268
Conc: 13.96 ug/ml



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

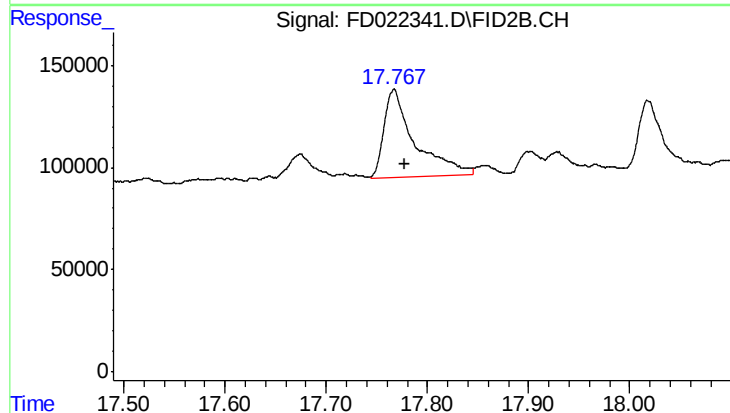
R.T.: 16.032 min
Delta R.T.: -0.014 min
Response: 524224
Conc: 4.62 ug/ml



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

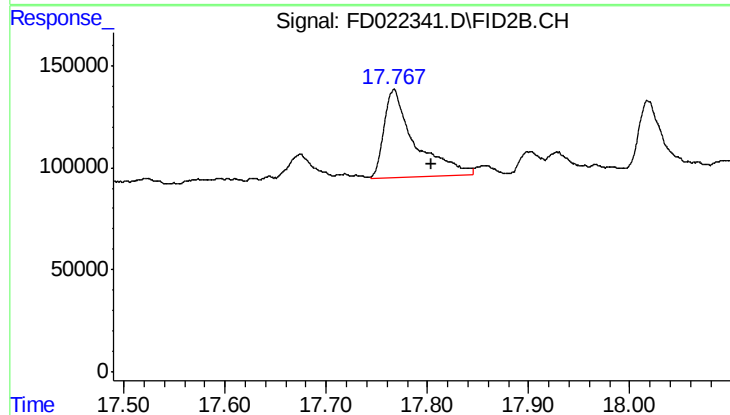
R.T.: 16.423 min
Delta R.T.: 0.018 min
Response: 66732
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :



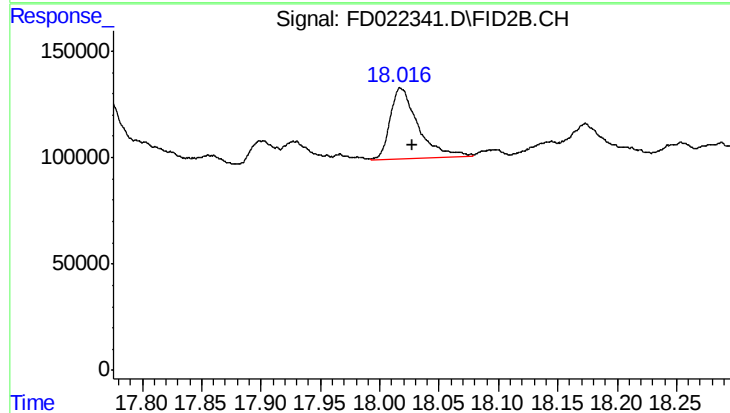
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.767 min
Delta R.T.: -0.010 min
Response: 913354
Conc: 9.59 ug/ml



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

R.T.: 17.767 min
Delta R.T.: -0.038 min
Response: 913354
Conc: 8.04 ug/ml



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

R.T.: 18.018 min
Delta R.T.: -0.010 min
Response: 541902
Conc: 5.22 ug/ml