

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032521AR\
 Data File : FD036549.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2021 00:00
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 26 01:33:17 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...	7.593	3029821	21.543 ug/ml
Spiked Amount 50.000		Recovery =	43.09%
6) S 2-Fluorobiphenyl (SURR)	8.453	2017960	21.498 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.00%
11) S ortho-Terphenyl (SURR)	11.493	3239717	21.212 ug/ml
Spiked Amount 50.000		Recovery =	42.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	3151673	21.501 ug/ml
2) T Naphthalene (C11.7)	5.930	3375737	21.479 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	3376883	21.486 ug/ml
5) T Acenaphthylene (C15.06)	8.257	3221749	21.501 ug/ml
7) T Acenaphthene (C15.5)	8.552	3335450	21.486 ug/ml
8) T Flouorene (C16.55)	9.332	3226707	21.432 ug/ml
9) T Phenanthrene (C19.36)	10.726	3095751	21.121 ug/ml
10) T Anthracene (C19.43)	10.800	3005950	20.764 ug/ml
12) T Fluoranthene (C21.85)	12.534	2934526	20.902 ug/ml
13) T Pyrene (C20.8)	12.830	2853682	20.799 ug/ml
14) T Benzo[a]anthracene (C...	14.698	2430358	20.465 ug/ml
15) T Chrysene (C27.41)	14.740	2484126	20.541 ug/ml
16) T benzo[b]fluoranthene ...	16.243	2223678	20.265 ug/ml
17) T Bnezo[k]fluoranthene ...	16.276	2151900	20.244 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.621	2000201	20.070 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.981	2006693	19.963 ug/ml
20) T Dibenz[a,h]anthracene...	18.022	2066908	20.498 ug/ml
21) T Benzo[g,h,i]perylene ...	18.236	2037972	20.114 ug/ml

(f)=RT Delta > 1/2 Window

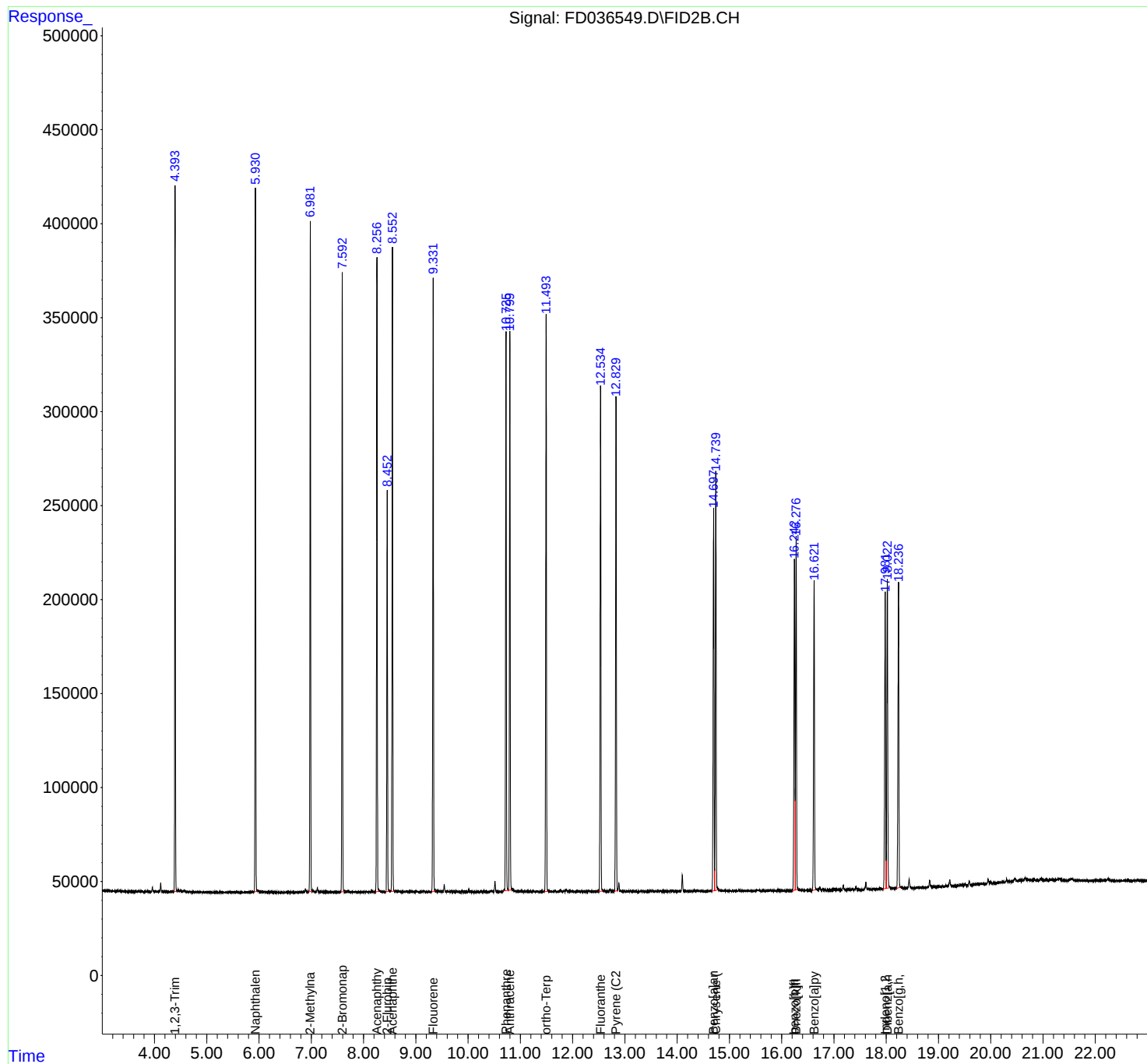
(m)=manual int.

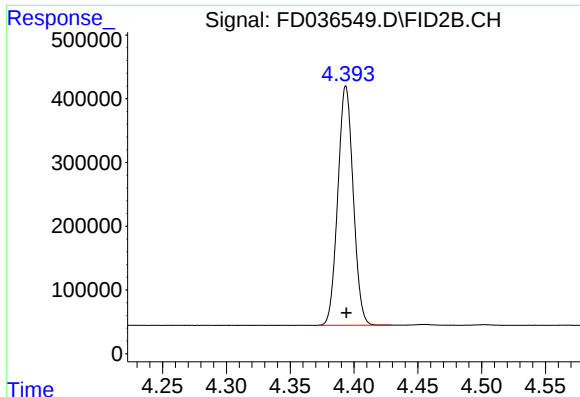
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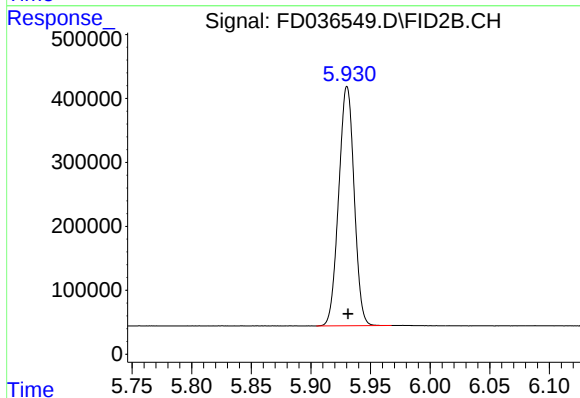




#1 1,2,3-Trimethylbenzene (C10.1)

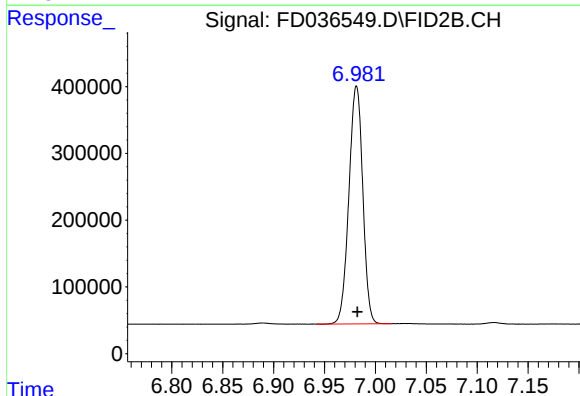
R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 3151673
Conc: 21.50 ug/ml

Instrument :
FID_D
ClientSampleId :



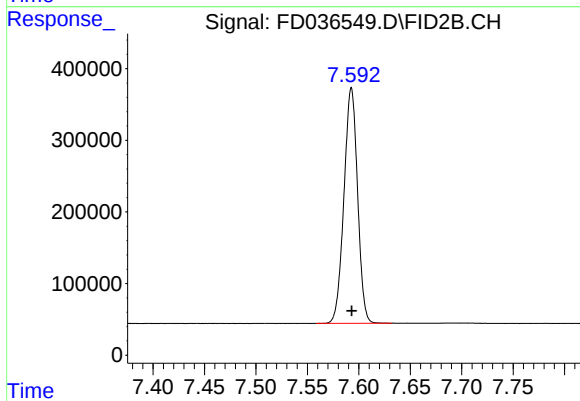
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 3375737
Conc: 21.48 ug/ml



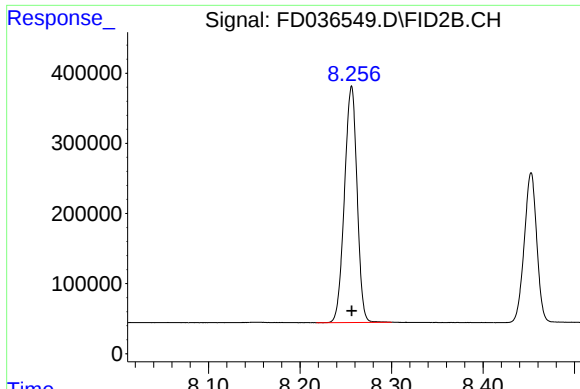
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 3376883
Conc: 21.49 ug/ml



#4 2-Bromonaphthalene (SURR)

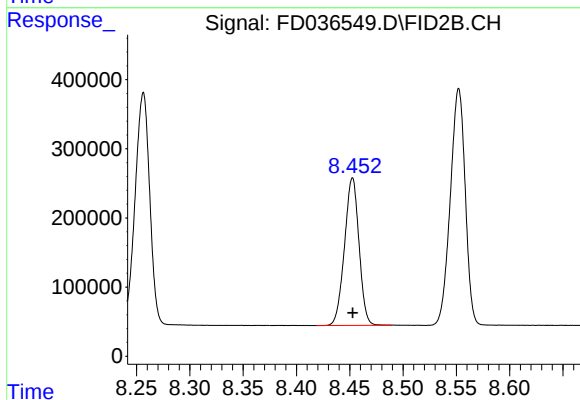
R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 3029821
Conc: 21.54 ug/ml



#5 Acenaphthylene (C15.06)

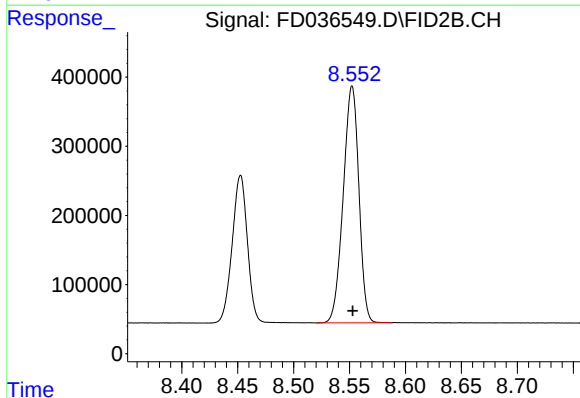
R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 3221749
Conc: 21.50 ug/ml

Instrument :
FID_D
ClientSampleId :



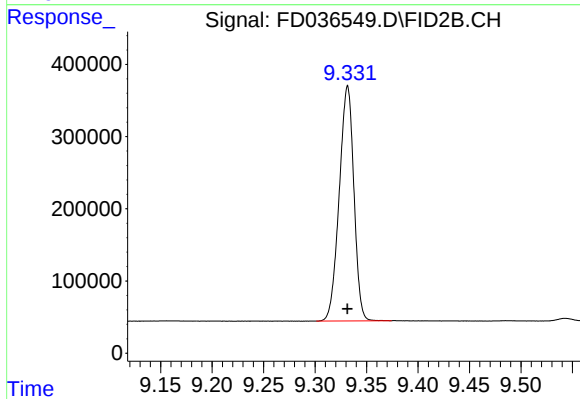
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 2017960
Conc: 21.50 ug/ml



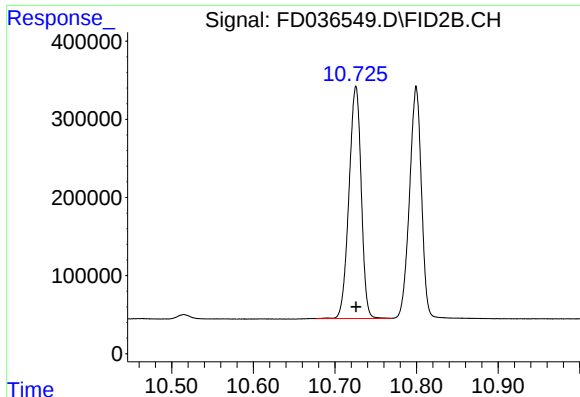
#7 Acenaphthene (C15.5)

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 3335450
Conc: 21.49 ug/ml



#8 Flouorene (C16.55)

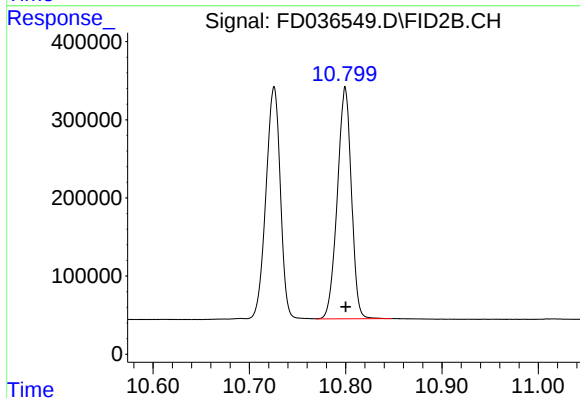
R.T.: 9.332 min
Delta R.T.: 0.000 min
Response: 3226707
Conc: 21.43 ug/ml



#9 Phenanthrene (C19.36)

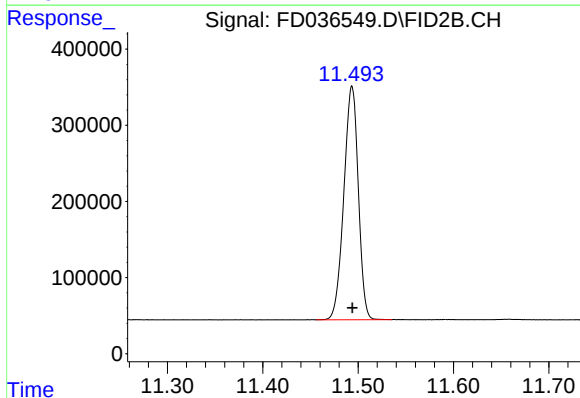
R.T.: 10.726 min
Delta R.T.: 0.000 min
Response: 3095751
Conc: 21.12 ug/ml

Instrument :
FID_D
ClientSampleId :



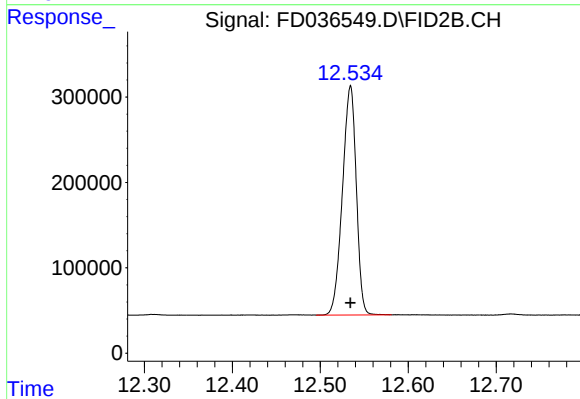
#10 Anthracene (C19.43)

R.T.: 10.800 min
Delta R.T.: 0.000 min
Response: 3005950
Conc: 20.76 ug/ml



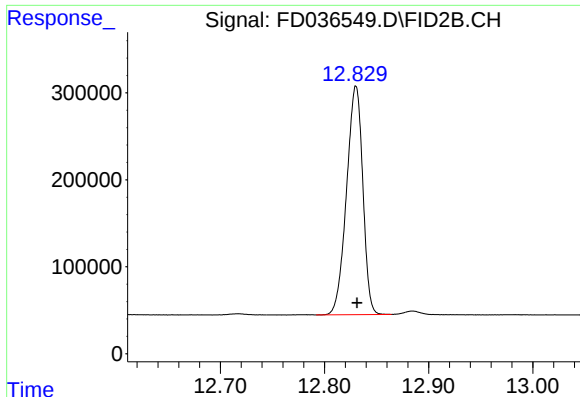
#11 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: 0.000 min
Response: 3239717
Conc: 21.21 ug/ml



#12 Fluoranthene (C21.85)

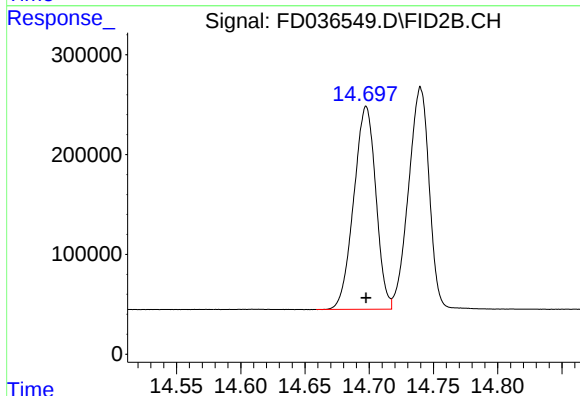
R.T.: 12.534 min
Delta R.T.: 0.000 min
Response: 2934526
Conc: 20.90 ug/ml



#13 Pyrene (C20.8)

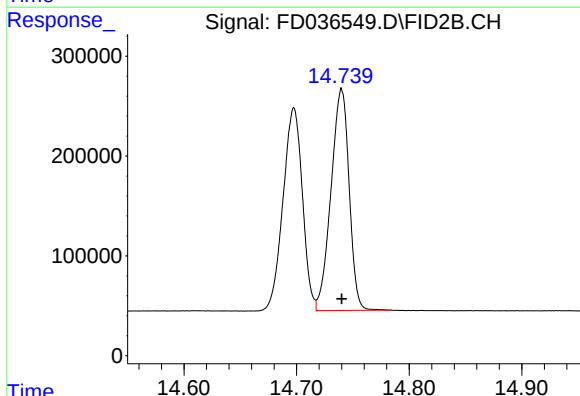
R.T.: 12.830 min
Delta R.T.: 0.000 min
Response: 2853682
Conc: 20.80 ug/ml

Instrument :
FID_D
ClientSampleId :



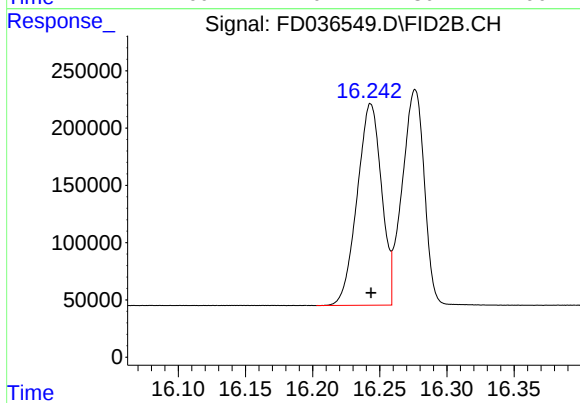
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.698 min
Delta R.T.: 0.000 min
Response: 2430358
Conc: 20.46 ug/ml



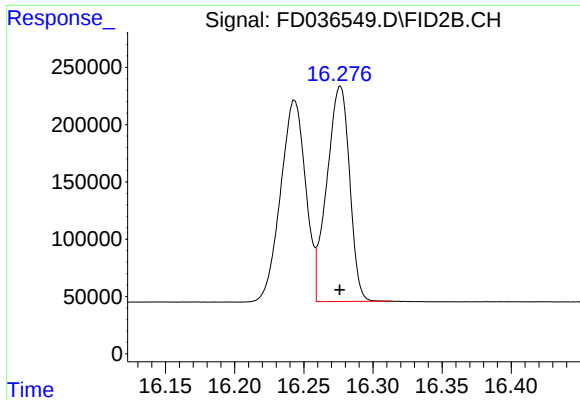
#15 Chrysene (C27.41)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 2484126
Conc: 20.54 ug/ml



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

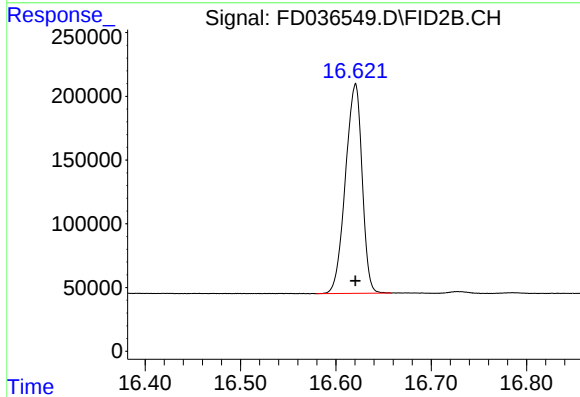
R.T.: 16.243 min
Delta R.T.: 0.000 min
Response: 2223678
Conc: 20.26 ug/ml



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

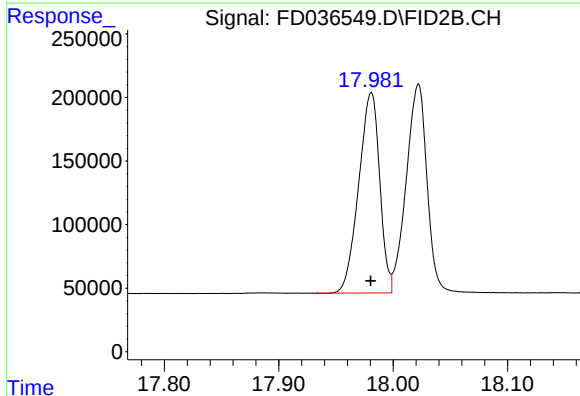
R.T.: 16.276 min
Delta R.T.: 0.000 min
Response: 2151900
Conc: 20.24 ug/ml

Instrument :
FID_D
ClientSampleId :



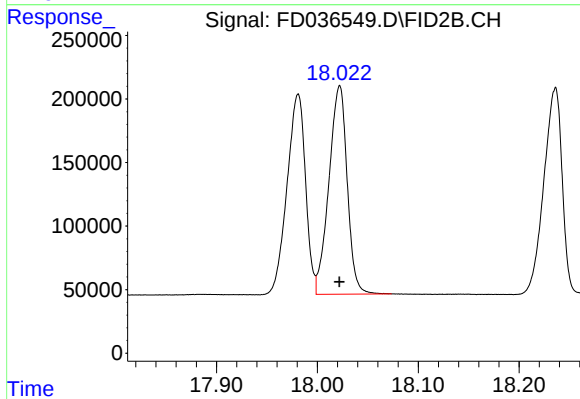
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.621 min
Delta R.T.: 0.000 min
Response: 2000201
Conc: 20.07 ug/ml



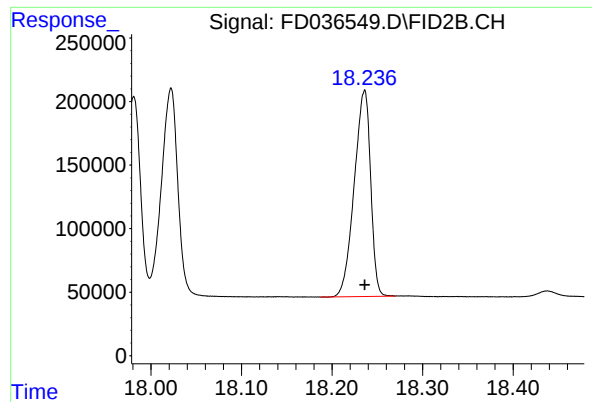
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.981 min
Delta R.T.: 0.000 min
Response: 2006693
Conc: 19.96 ug/ml



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

R.T.: 18.022 min
Delta R.T.: 0.000 min
Response: 2066908
Conc: 20.50 ug/ml



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

R.T.: 18.236 min
Delta R.T.: 0.000 min
Response: 2037972
Conc: 20.11 ug/ml

Instrument :
FID_D
ClientSampleId :