

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032521AR\
 Data File : FD036535.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2021 15:08
 Operator : DD\AJ
 Sample : PB135324BSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135324BSD

Integration File: sample.E
 Quant Time: Mar 26 01:30:13 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...	7.594	5515941	39.219 ug/ml
Spiked Amount 50.000		Recovery =	78.44%
6) S 2-Fluorobiphenyl (SURR)	8.454	3719804	39.628 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.26%
11) S ortho-Terphenyl (SURR)	11.497	6569332	43.013 ug/ml
Spiked Amount 50.000		Recovery =	86.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	2799574	19.099 ug/ml
2) T Naphthalene (C11.7)	5.930	3258241	20.732 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	3547429	22.571 ug/ml
5) T Acenaphthylene (C15.06)	8.256	3885695	25.932 ug/ml
7) T Acenaphthene (C15.5)	8.553	4310447	27.767 ug/ml
8) T Fluorene (C16.55)	9.333	5168881	34.331 ug/ml
9) T Phenanthrene (C19.36)	10.729	6017658	41.056 ug/ml
10) T Anthracene (C19.43)	10.805	5991525	41.387 ug/ml
12) T Fluoranthene (C21.85)	12.539	6096885	43.426 ug/ml
13) T Pyrene (C20.8)	12.836	5985410	43.625 ug/ml
14) T Benzo[a]anthracene (C...	14.702	5249115	44.200 ug/ml
15) T Chrysene (C27.41)	14.747	5473824	45.263 ug/ml
16) T benzo[b]fluoranthene ...	16.248	4925898	44.890 ug/ml
17) T Bnezo[k]fluoranthene ...	16.283	4649749	43.742 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.627	4671845	46.877 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.987	4222293	42.005 ug/ml
20) T Dibenz[a,h]anthracene...	18.027	4274088	42.388 ug/ml
21) T Benzo[g,h,i]perylene ...	18.243	4304996	42.489 ug/ml

(f)=RT Delta > 1/2 Window

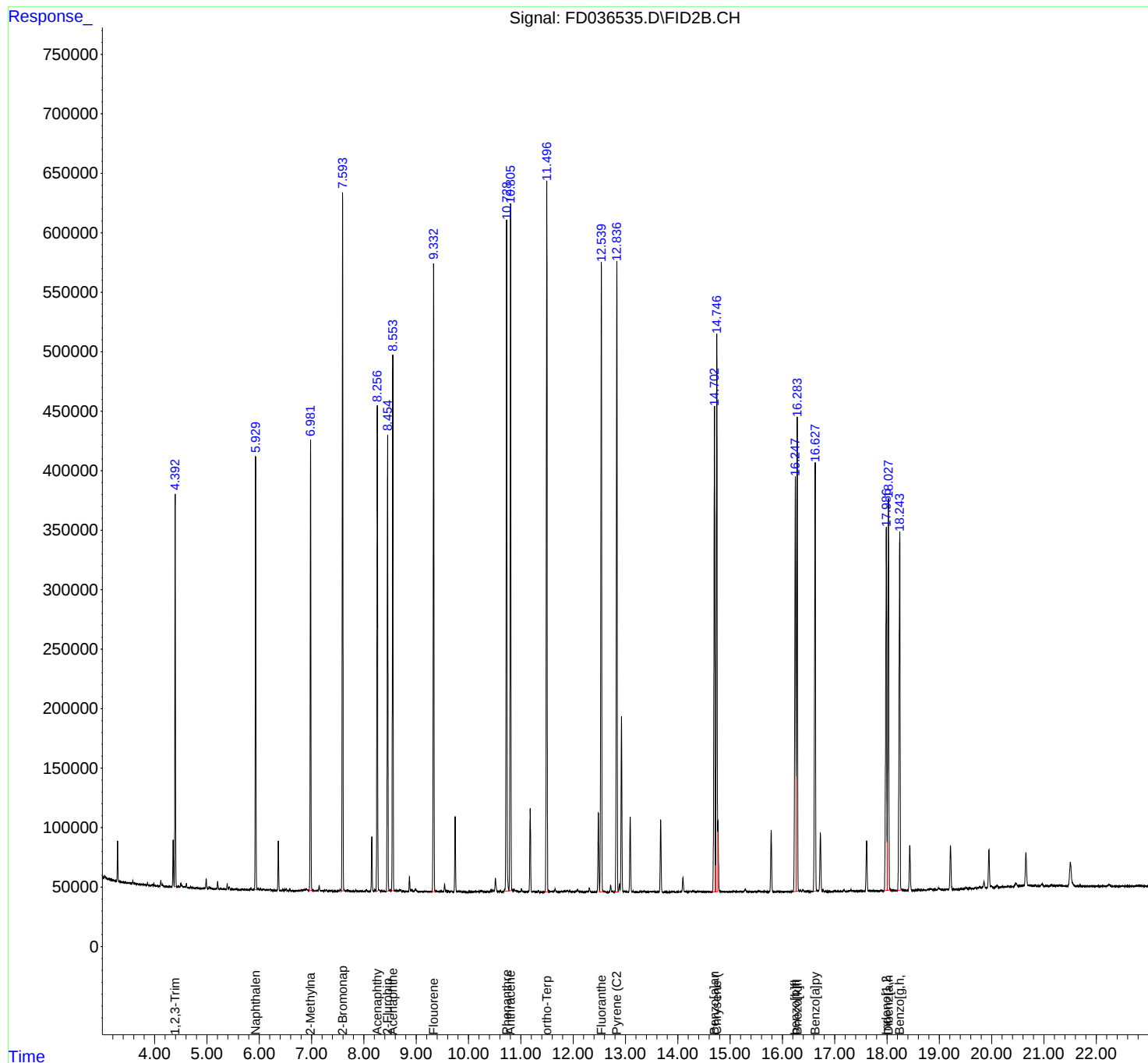
(m)=manual int.

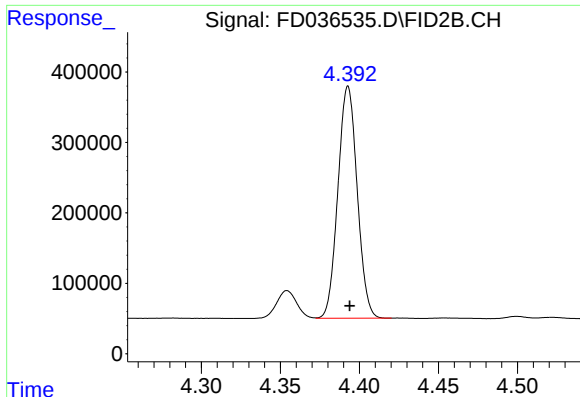
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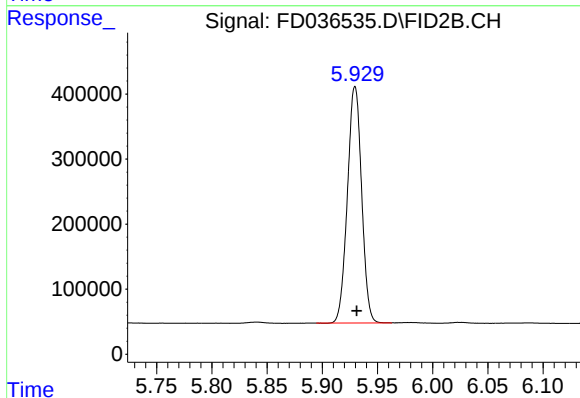




#1 1,2,3-Trimethylbenzene (C10.1)

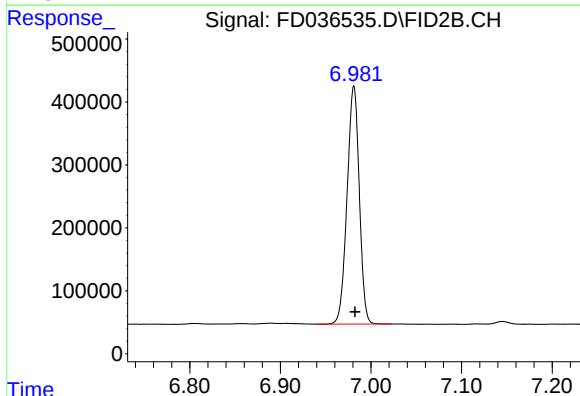
R.T.: 4.393 min
Delta R.T.: -0.001 min
Response: 2799574
Conc: 19.10 ug/ml

Instrument :
FID_D
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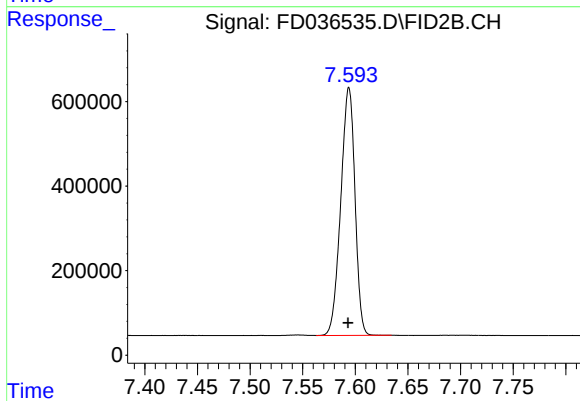
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 3258241
Conc: 20.73 ug/ml



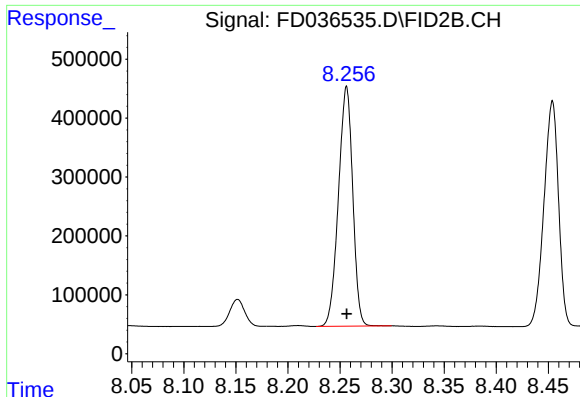
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 3547429
Conc: 22.57 ug/ml



#4 2-Bromonaphthalene (SURR)

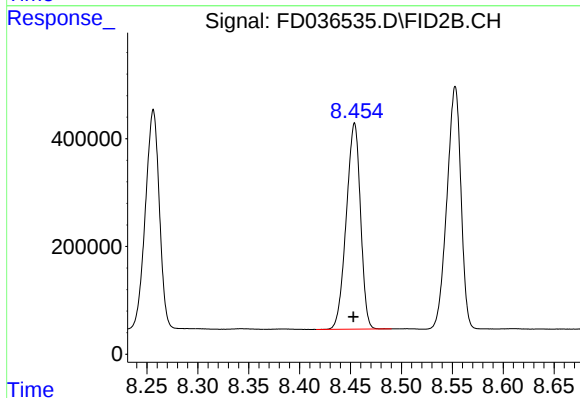
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 5515941
Conc: 39.22 ug/ml



#5 Acenaphthylene (C15.06)

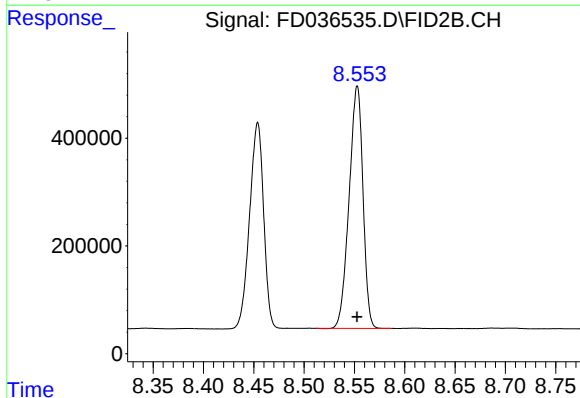
R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 3885695
Conc: 25.93 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135324BSD



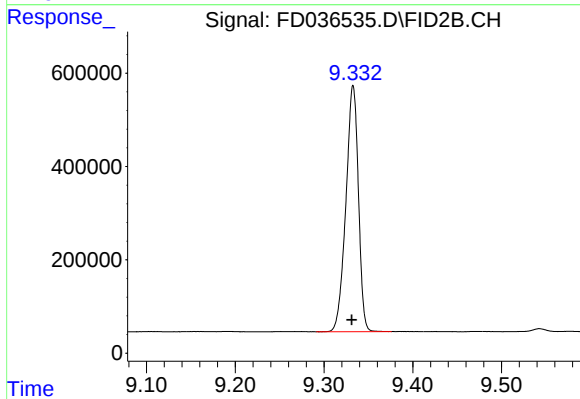
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: 0.001 min
Response: 3719804
Conc: 39.63 ug/ml



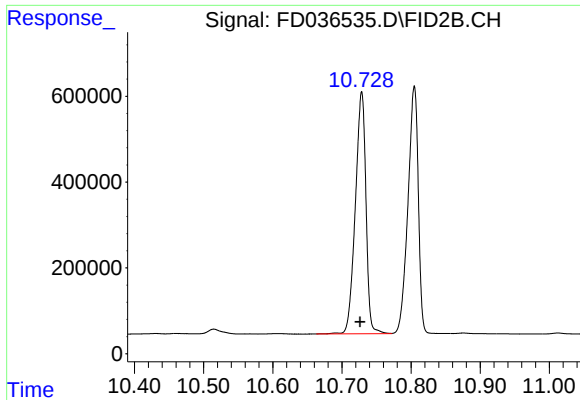
#7 Acenaphthene (C15.5)

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 4310447
Conc: 27.77 ug/ml



#8 Flouorene (C16.55)

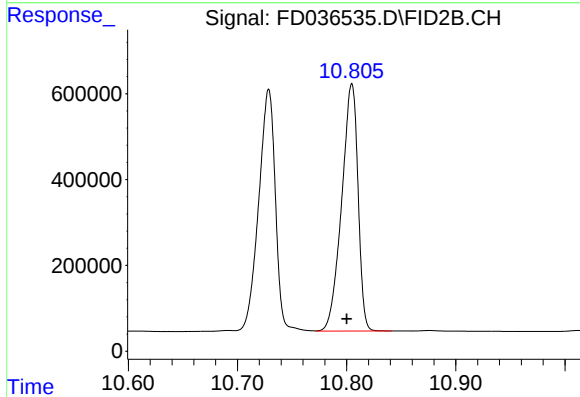
R.T.: 9.333 min
Delta R.T.: 0.001 min
Response: 5168881
Conc: 34.33 ug/ml



#9 Phenanthrene (C19.36)

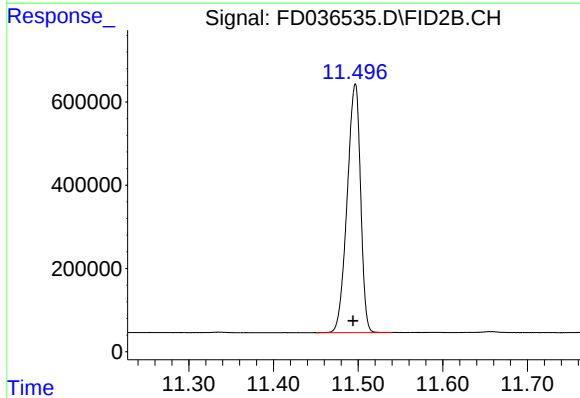
R.T.: 10.729 min
Delta R.T.: 0.003 min
Response: 6017658
Conc: 41.06 ug/ml

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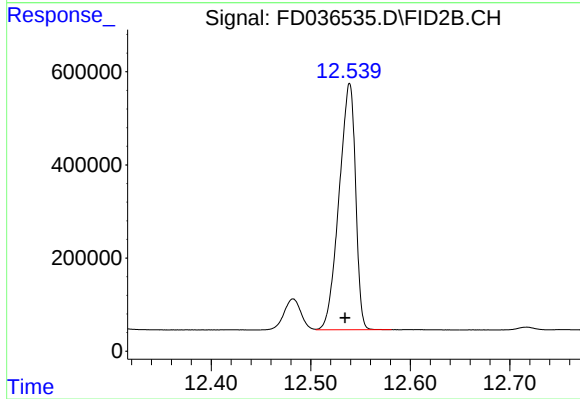
#10 Anthracene (C19.43)

R.T.: 10.805 min
Delta R.T.: 0.005 min
Response: 5991525
Conc: 41.39 ug/ml



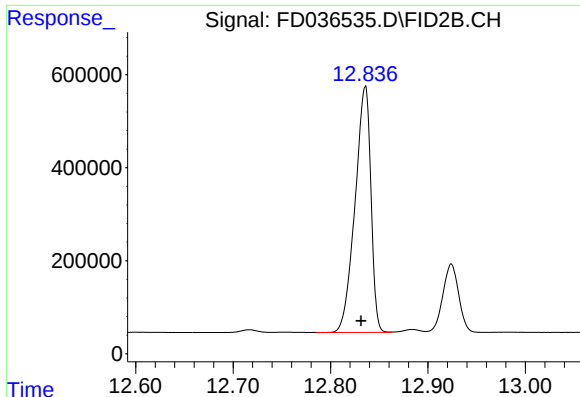
#11 ortho-Terphenyl (SURR)

R.T.: 11.497 min
Delta R.T.: 0.003 min
Response: 6569332
Conc: 43.01 ug/ml



#12 Fluoranthene (C21.85)

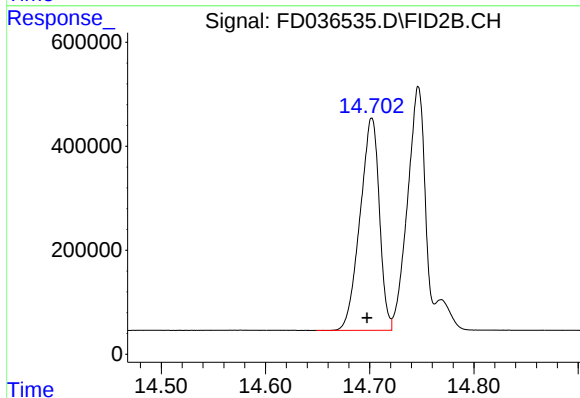
R.T.: 12.539 min
Delta R.T.: 0.005 min
Response: 6096885
Conc: 43.43 ug/ml



#13 Pyrene (C20.8)

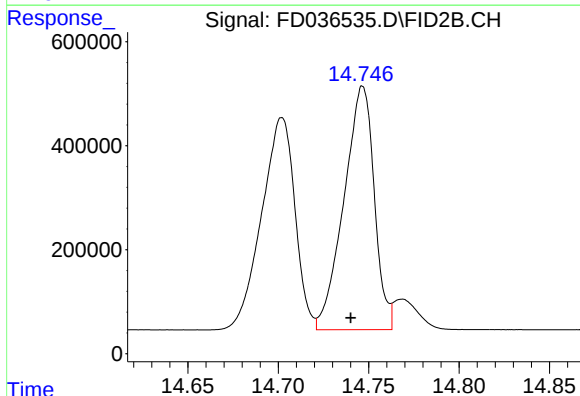
R.T.: 12.836 min
Delta R.T.: 0.005 min
Response: 5985410
Conc: 43.62 ug/ml

Instrument :
FID_D
ClientSampleId :
PB135324BSD



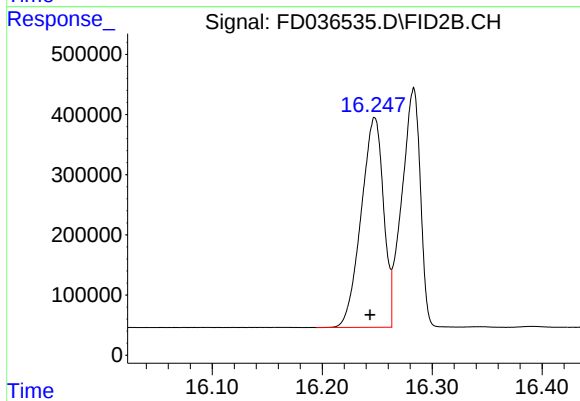
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.702 min
Delta R.T.: 0.004 min
Response: 5249115
Conc: 44.20 ug/ml



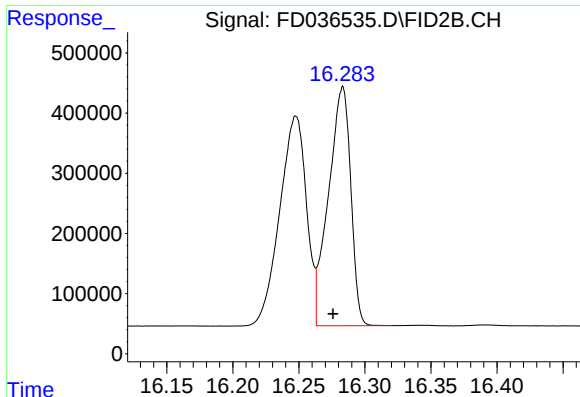
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: 0.007 min
Response: 5473824
Conc: 45.26 ug/ml



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

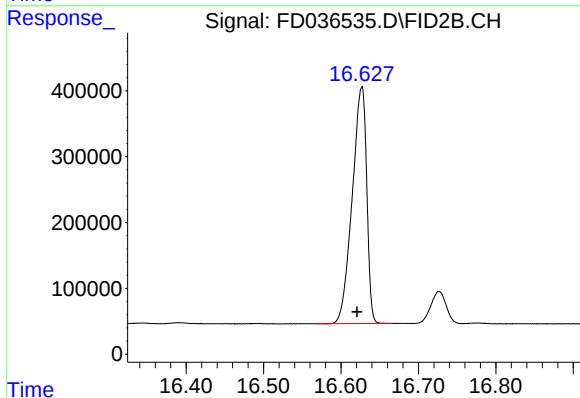
R.T.: 16.248 min
Delta R.T.: 0.004 min
Response: 4925898
Conc: 44.89 ug/ml



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

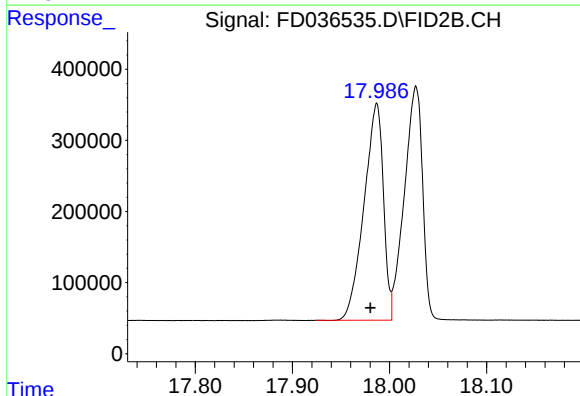
R.T.: 16.283 min
Delta R.T.: 0.007 min
Response: 4649749
Conc: 43.74 ug/ml

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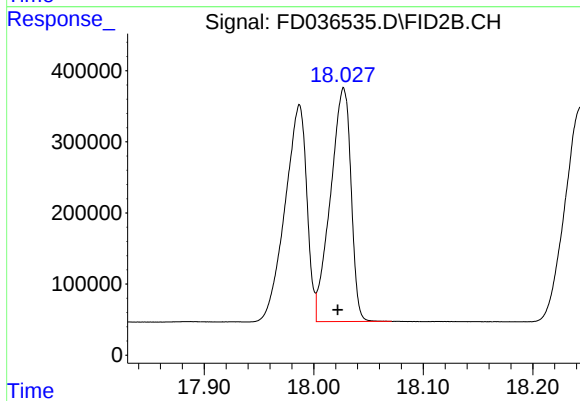
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.627 min
Delta R.T.: 0.006 min
Response: 4671845
Conc: 46.88 ug/ml



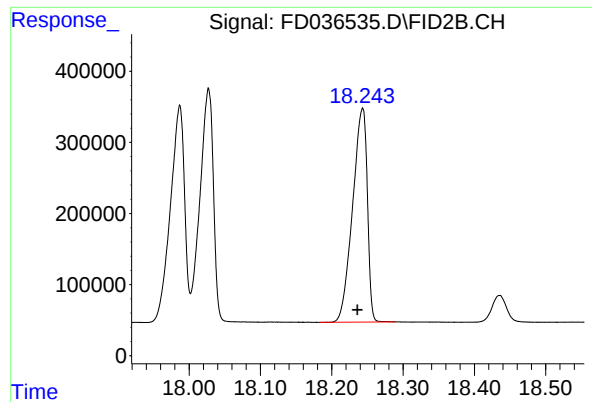
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.987 min
Delta R.T.: 0.006 min
Response: 4222293
Conc: 42.01 ug/ml



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

R.T.: 18.027 min
Delta R.T.: 0.005 min
Response: 4274088
Conc: 42.39 ug/ml



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

R.T.: 18.243 min
Delta R.T.: 0.007 min
Response: 4304996
Conc: 42.49 ug/ml

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