

Data Path : P:\HPCHEM1\FID D\Data\FD031118AR\
 Data File : FD022499.D
 Signal(s) : FID2B.CH
 Acq On : 13 Mar 2018 6:30
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 13 10:02:20 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...	7.328	1904561	22.734 ug/ml
Spiked Amount 50.000		Recovery =	45.47%
6) S 2-Fluorobiphenyl (SURR)	8.188	1136478	22.479 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.96%
11) S ortho-Terphenyl (SURR)	11.210	2268574	23.905 ug/ml
Spiked Amount 50.000		Recovery =	47.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.135	2118914	23.994 ug/ml
2) T Naphthalene (C11.7)	5.667	2082464	23.280 ug/ml
3) T 2-Methylnaphthalene (...)	6.715	2120912	23.353 ug/mlm
5) T Acenaphthylene (C15.06)	7.983	2172217	22.682 ug/ml
7) T Acenaphthene (C15.5)	8.275	2167362	21.157 ug/mlm
8) T Fluorene (C16.55)	9.058	2196083	23.421 ug/ml
9) T Phenanthrene (C19.36)	10.450	2275246	24.420 ug/ml
10) T Anthracene (C19.43)	10.527	2290332	24.153 ug/ml
12) T Fluoranthene (C21.85)	12.259	2434093	24.267 ug/ml
13) T Pyrene (C20.8)	12.554	2411004	23.731 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.433	2338875	24.255 ug/mlm
15) T Chrysene (C27.41)	14.474	2450258	22.702 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.991	2357364	23.449 ug/mlm
17) T Benzo[<i>k</i>]fluoranthene ...	16.021	2554302	22.510 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.374	2264811	21.551 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.752	1645468	17.271 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.780	2836184	24.958 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.004	1891661	18.213 ug/ml

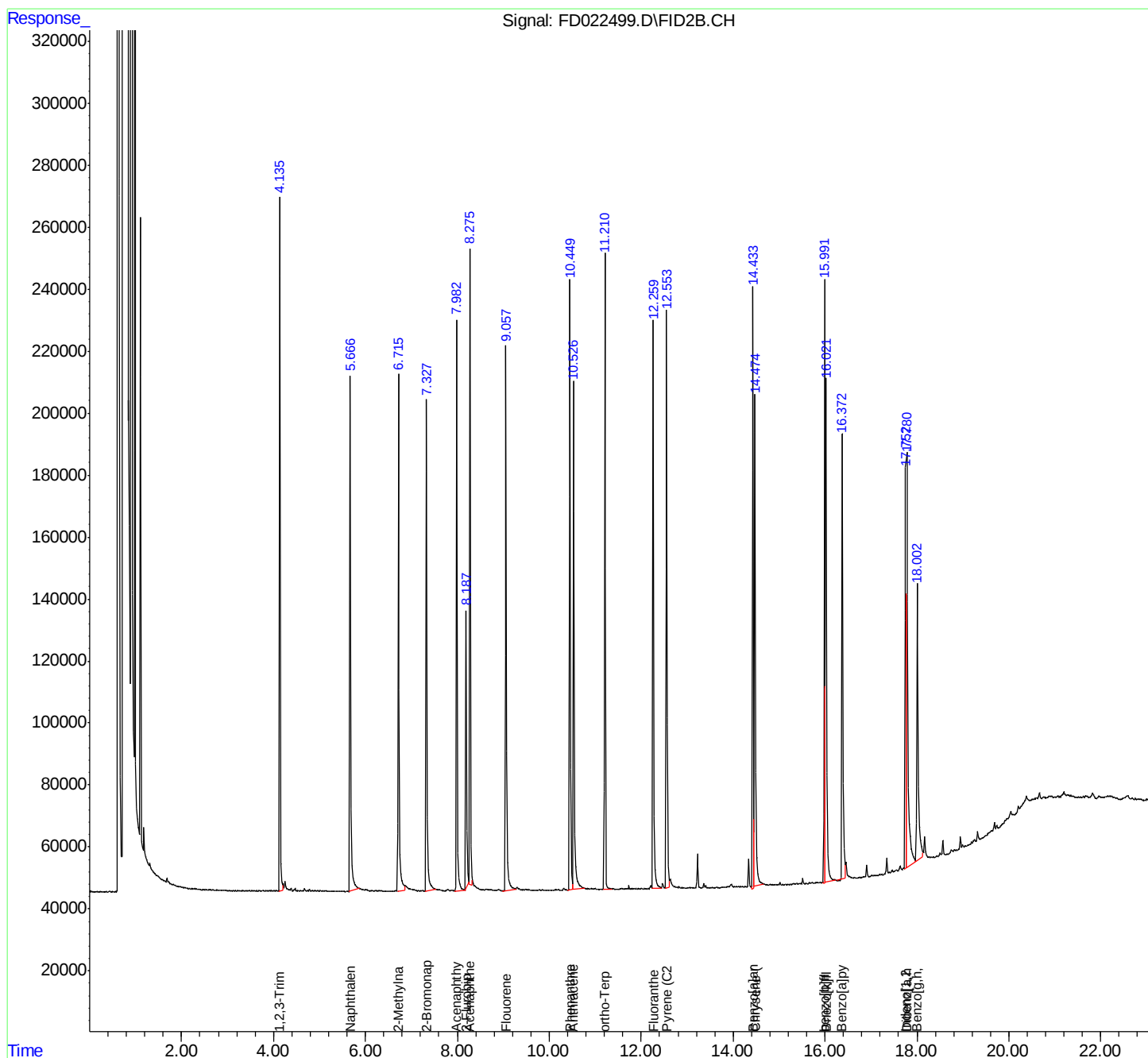
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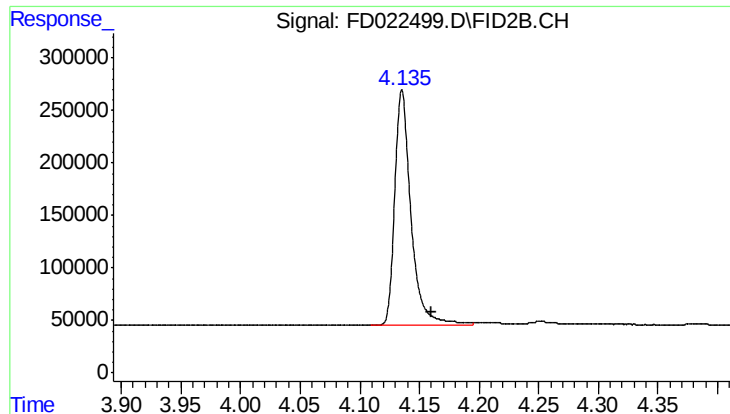
(m)=manual int.

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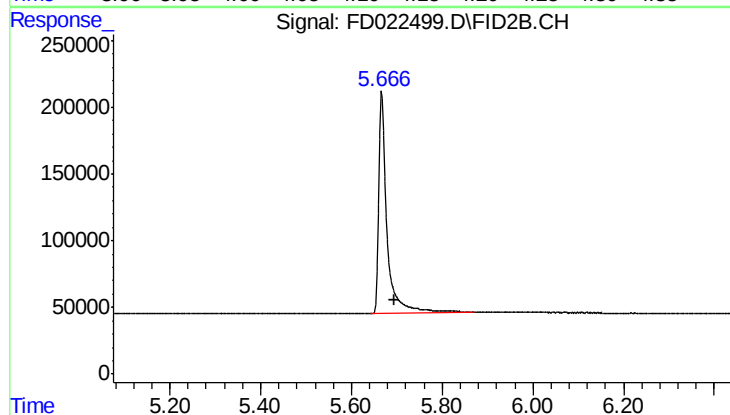
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





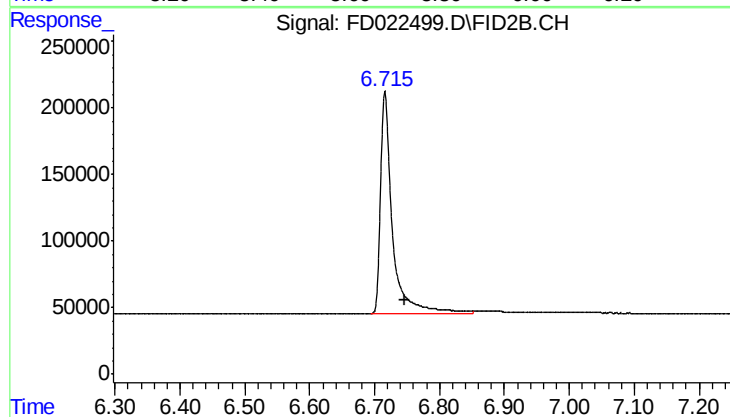
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.135 min
Delta R.T.: -0.024 min
Response: 2118914
Conc: 23.99 ug/ml



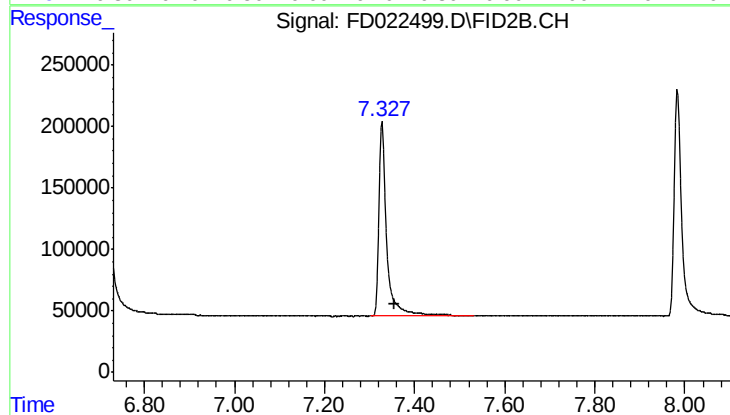
#2 Naphthalene (C11.7)

R.T.: 5.667 min
Delta R.T.: -0.029 min
Response: 2082464
Conc: 23.28 ug/ml



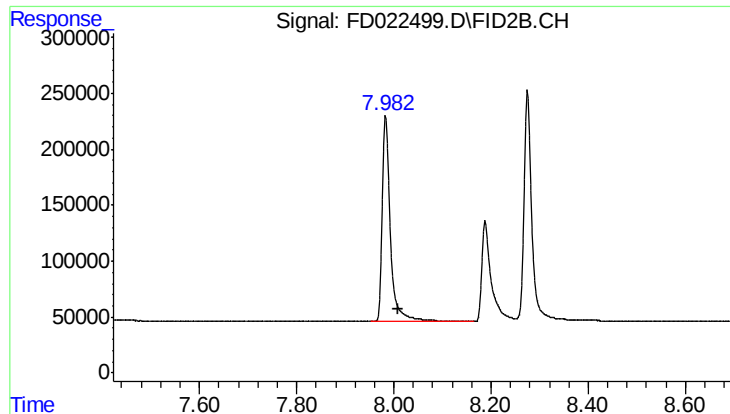
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.715 min
Delta R.T.: -0.030 min
Response: 2120912
Conc: 23.35 ug/ml m



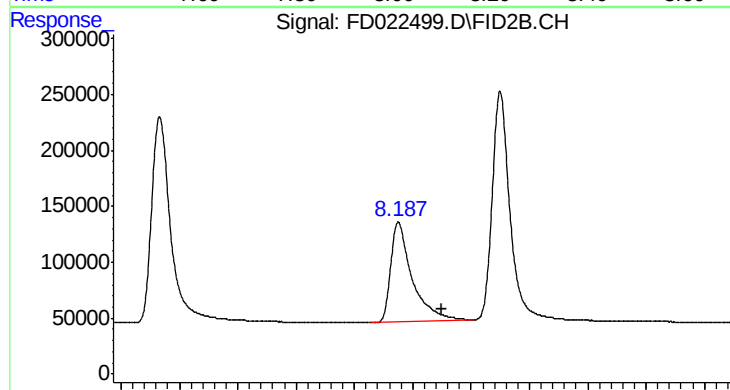
#4 2-Bromonaphthalene (SURR)

R.T.: 7.328 min
Delta R.T.: -0.028 min
Response: 1904561
Conc: 22.73 ug/ml



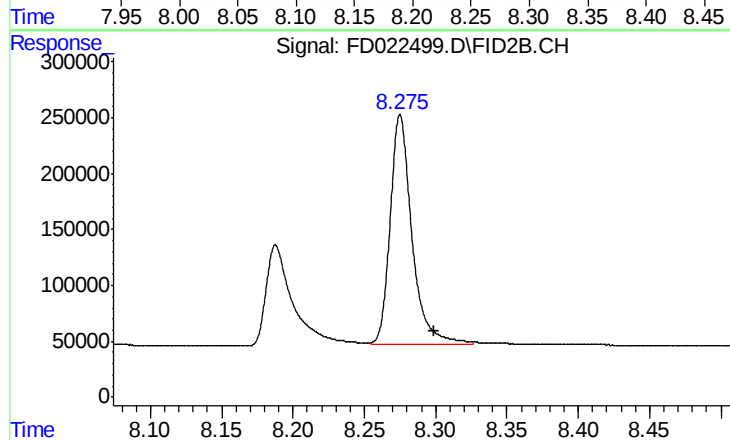
#5 Acenaphthylene (C15.06)

R.T.: 7.983 min
Delta R.T.: -0.025 min
Response: 2172217
Conc: 22.68 ug/ml



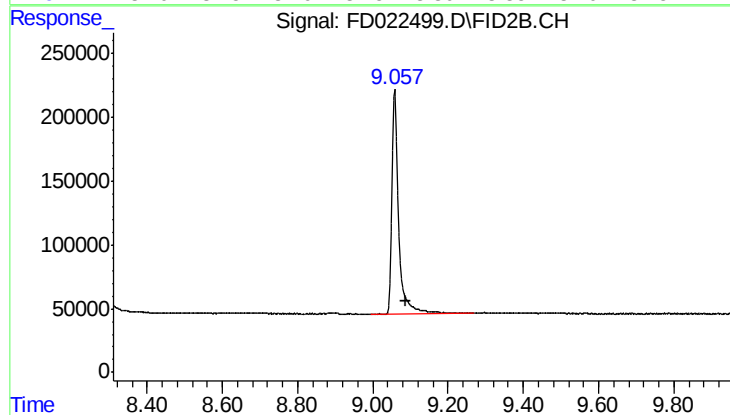
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.188 min
Delta R.T.: -0.037 min
Response: 1136478
Conc: 22.48 ug/ml



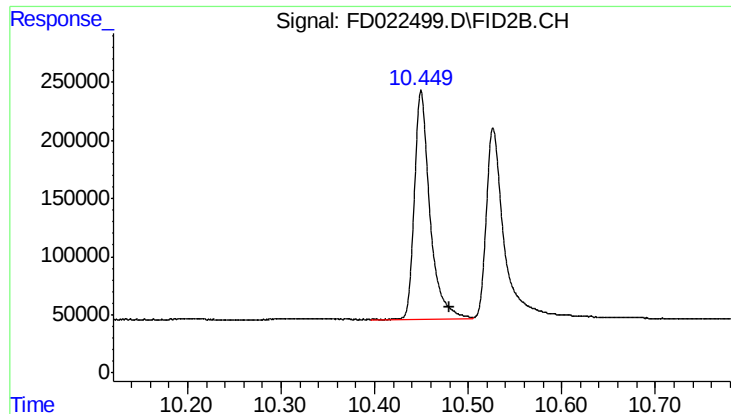
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.024 min
Response: 2167362
Conc: 21.16 ug/ml m



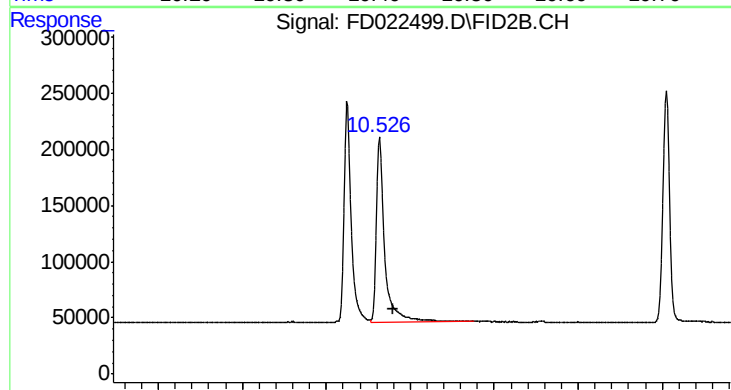
#8 Fluorene (C16.55)

R.T.: 9.058 min
Delta R.T.: -0.029 min
Response: 2196083
Conc: 23.42 ug/ml



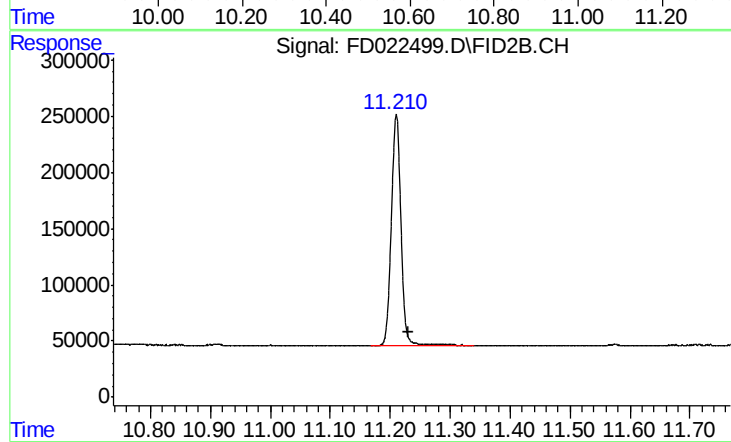
#9 Phenanthrene (C19.36)

R.T.: 10.450 min
Delta R.T.: -0.030 min
Response: 2275246
Conc: 24.42 ug/ml



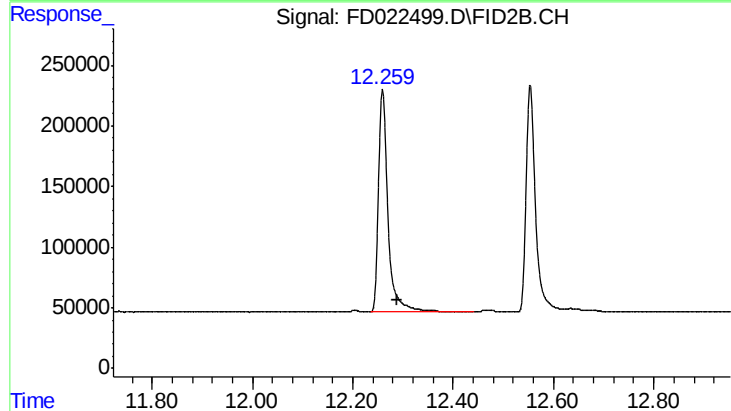
#10 Anthracene (C19.43)

R.T.: 10.527 min
Delta R.T.: -0.032 min
Response: 2290332
Conc: 24.15 ug/ml



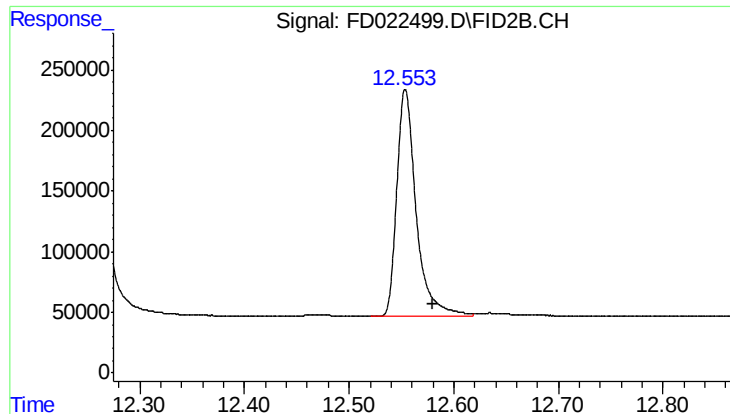
#11 ortho-Terphenyl (SURRE)

R.T.: 11.210 min
Delta R.T.: -0.020 min
Response: 2268574
Conc: 23.90 ug/ml



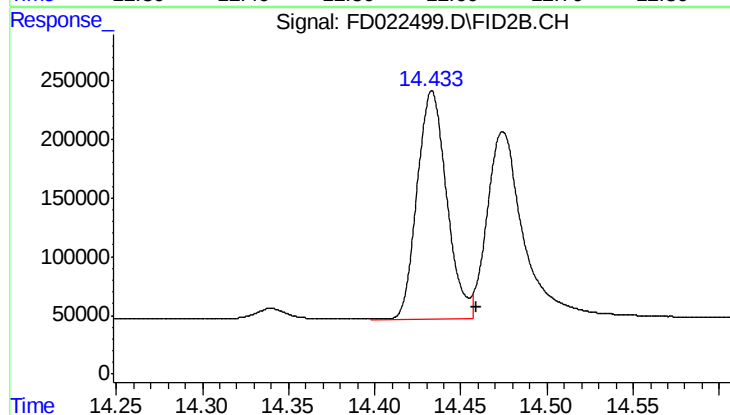
#12 Fluoranthene (C21.85)

R.T.: 12.259 min
Delta R.T.: -0.028 min
Response: 2434093
Conc: 24.27 ug/ml



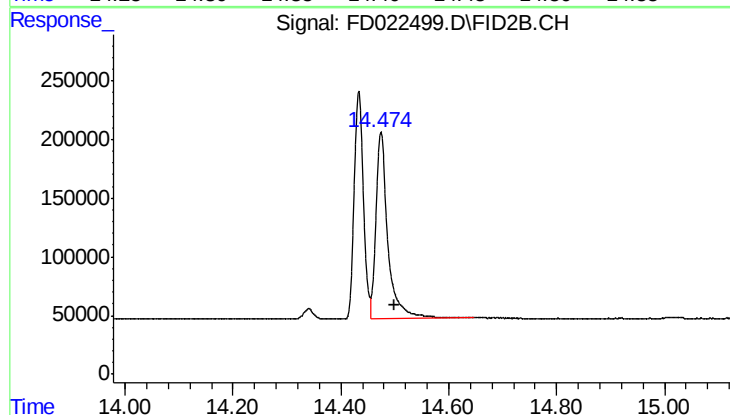
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: -0.026 min
Response: 2411004
Conc: 23.73 ug/ml



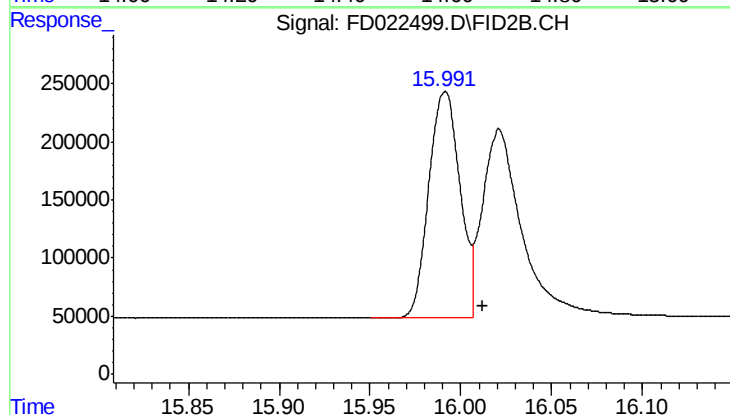
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.433 min
Delta R.T.: -0.026 min
Response: 2338875
Conc: 24.25 ug/ml m



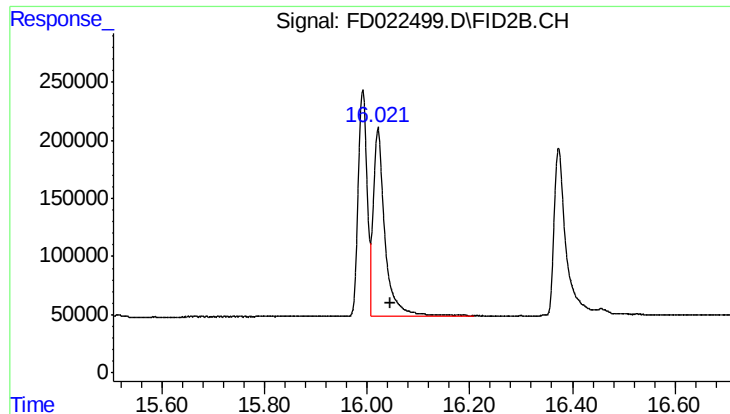
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: -0.026 min
Response: 2450258
Conc: 22.70 ug/ml



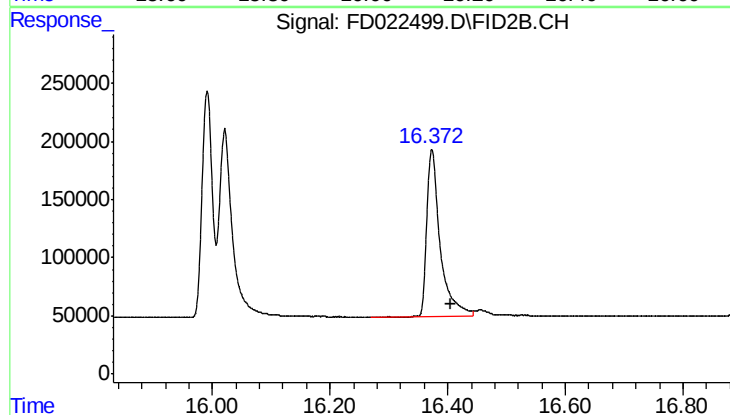
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.991 min
Delta R.T.: -0.021 min
Response: 2357364
Conc: 23.45 ug/ml m



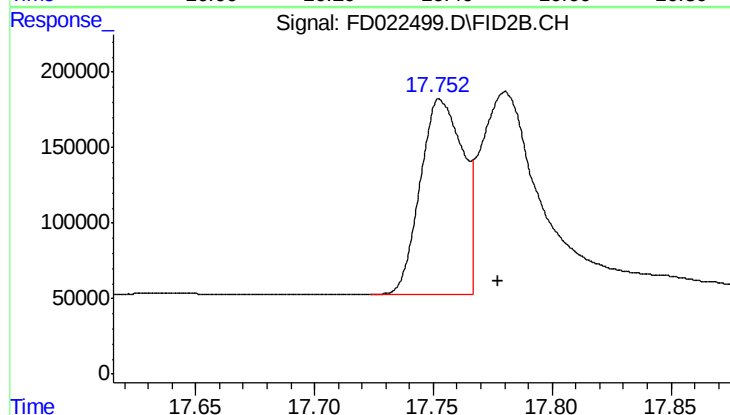
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.021 min
Delta R.T.: -0.025 min
Response: 2554302
Conc: 22.51 ug/ml



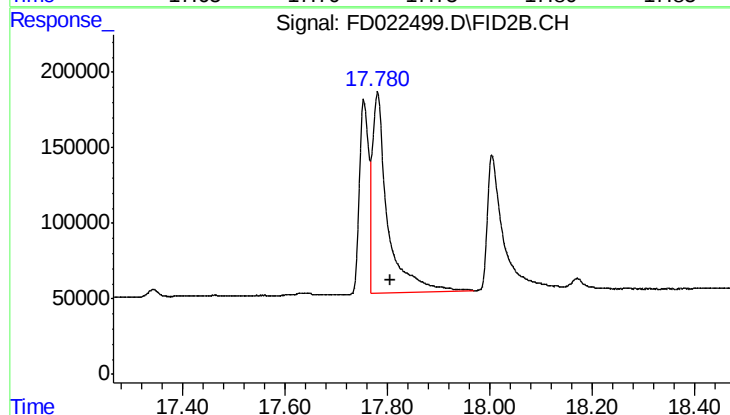
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: -0.031 min
Response: 2264811
Conc: 21.55 ug/ml



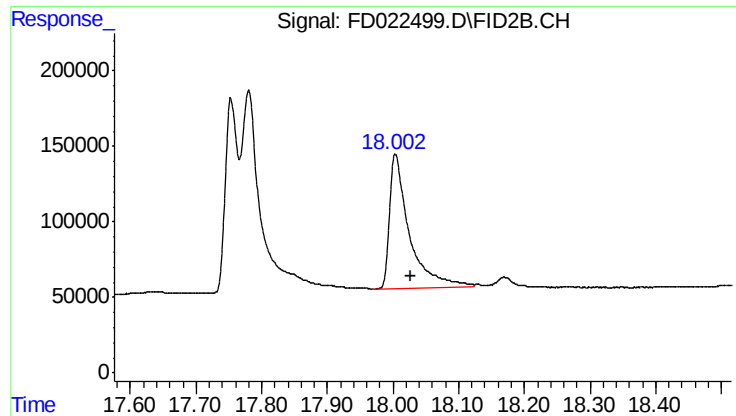
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.752 min
Delta R.T.: -0.025 min
Response: 1645468
Conc: 17.27 ug/ml m



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

R.T.: 17.780 min
Delta R.T.: -0.024 min
Response: 2836184
Conc: 24.96 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.024 min
Response: 1891661
Conc: 18.21 ug/ml