

Data Path : P:\HPCHEM1\FID D\Data\FD031418AR\
 Data File : FD022513.D
 Signal(s) : FID2B.CH
 Acq On : 14 Mar 2018 15:20
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 16:36:39 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...	7.327	1653392	19.736 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
6) S 2-Fluorobiphenyl (SURR)	8.188	1024857	20.271 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.54%
11) S ortho-Terphenyl (SURR)	11.208	2033334	21.426 ug/ml
Spiked Amount 50.000		Recovery =	42.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.134	1827895	20.699 ug/ml
2) T Naphthalene (C11.7)	5.666	1805753	20.187 ug/ml
3) T 2-Methylnaphthalene (...)	6.716	1741026	19.170 ug/ml
5) T Acenaphthylene (C15.06)	7.982	1913609	19.981 ug/ml
7) T Acenaphthene (C15.5)	8.274	2036570	19.881 ug/ml
8) T Fluorene (C16.55)	9.057	1936902	20.657 ug/ml
9) T Phenanthrene (C19.36)	10.449	2031053	21.799 ug/ml
10) T Anthracene (C19.43)	10.526	2033897	21.449 ug/ml
12) T Fluoranthene (C21.85)	12.258	2185307	21.786 ug/ml
13) T Pyrene (C20.8)	12.552	2177987	21.438 ug/ml
14) T Benzo[alanthracene (C...	14.431	2017646	20.923 ug/mlm
15) T Chrysene (C27.41)	14.472	2262799	20.965 ug/ml
16) T benzo[b]fluoranthene ...	15.988	2008839	19.982 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.020	2338927	20.612 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	1993556	18.970 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	1565448	16.431 ug/mlm
20) T Dibenz[a,h]anthracene...	17.780	2302381	20.261 ug/mlm
21) T Benzo[a,h,i]pervlene ...	18.003	1635529	15.747 ug/mlm

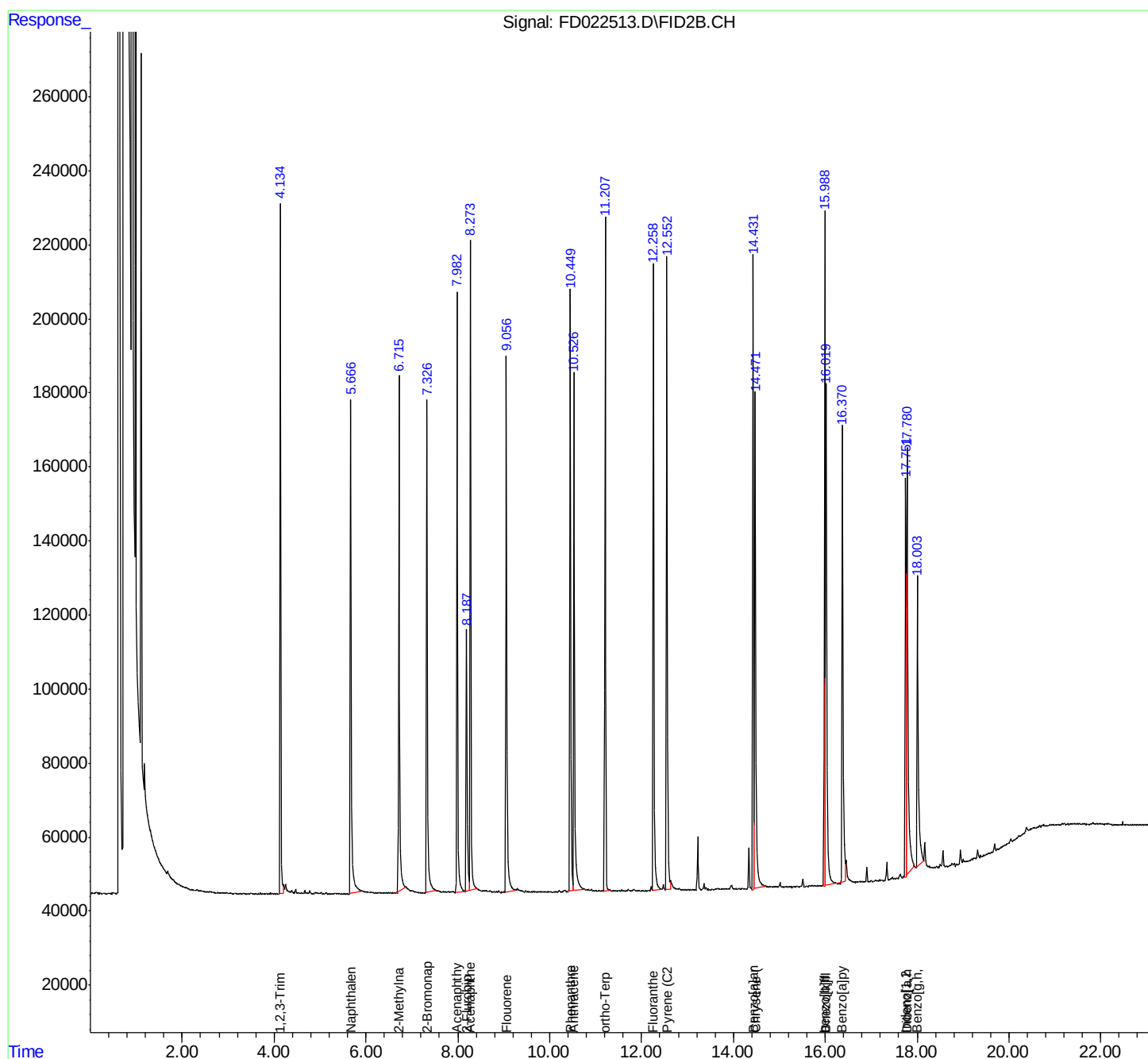
(f)=RT Delta > 1/2 Window

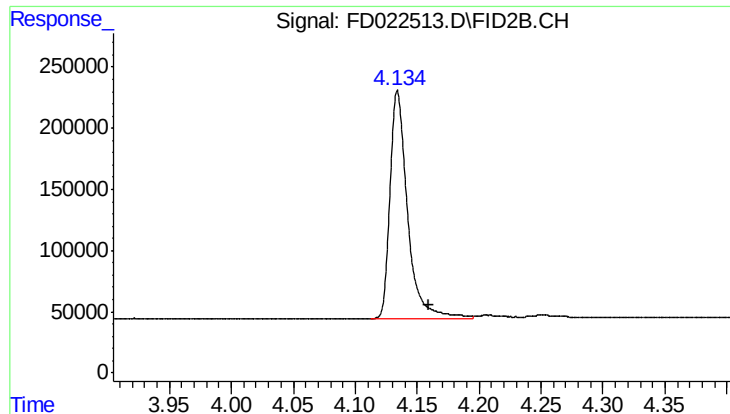
(m)=manual int.

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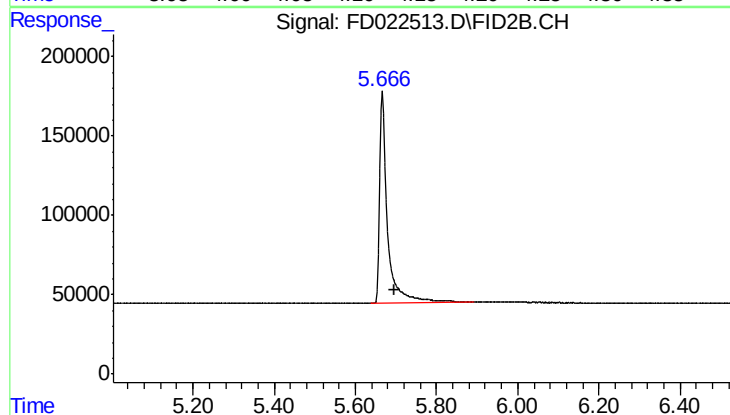
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





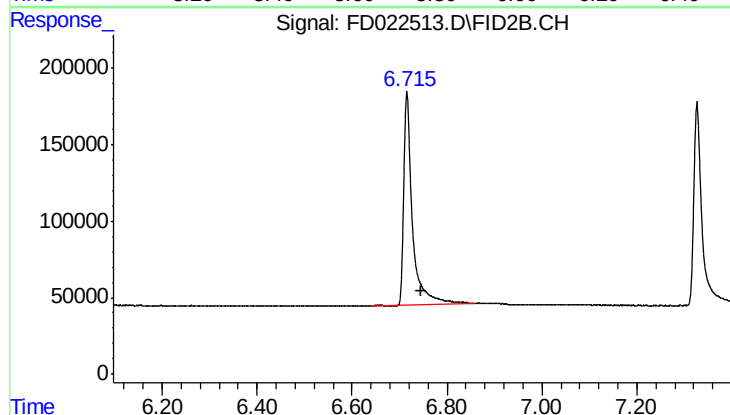
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.134 min
Delta R.T.: -0.025 min
Response: 1827895
Conc: 20.70 ug/ml



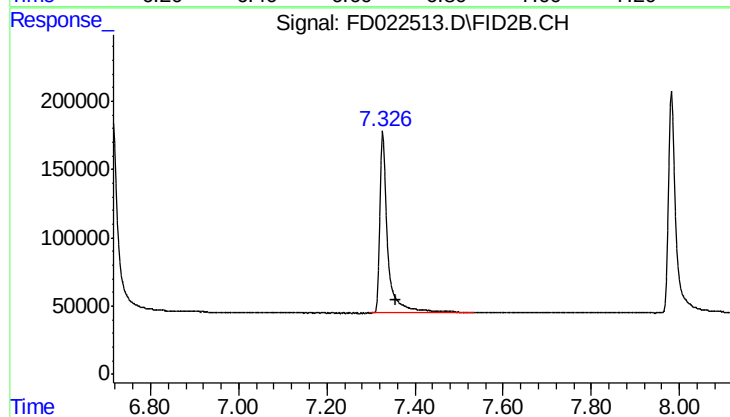
#2 Naphthalene (C11.7)

R.T.: 5.666 min
Delta R.T.: -0.030 min
Response: 1805753
Conc: 20.19 ug/ml



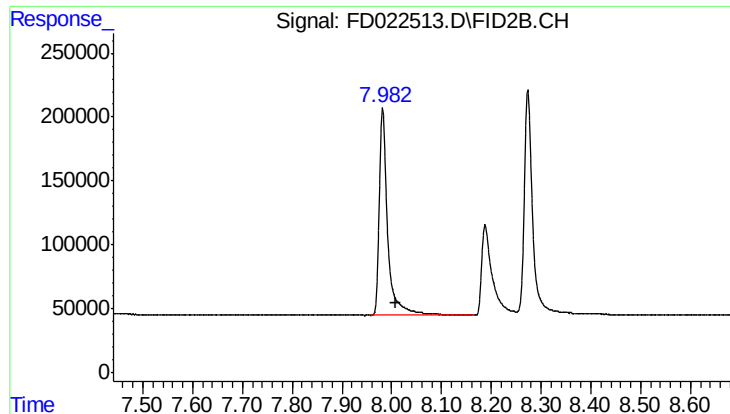
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.716 min
Delta R.T.: -0.030 min
Response: 1741026
Conc: 19.17 ug/ml



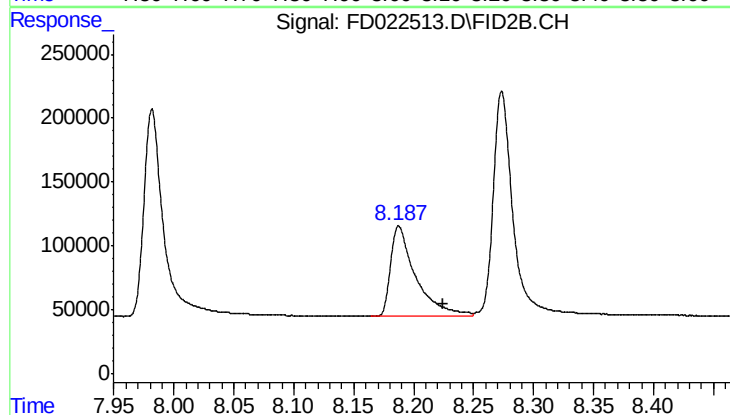
#4 2-Bromonaphthalene (SURR)

R.T.: 7.327 min
Delta R.T.: -0.028 min
Response: 1653392
Conc: 19.74 ug/ml



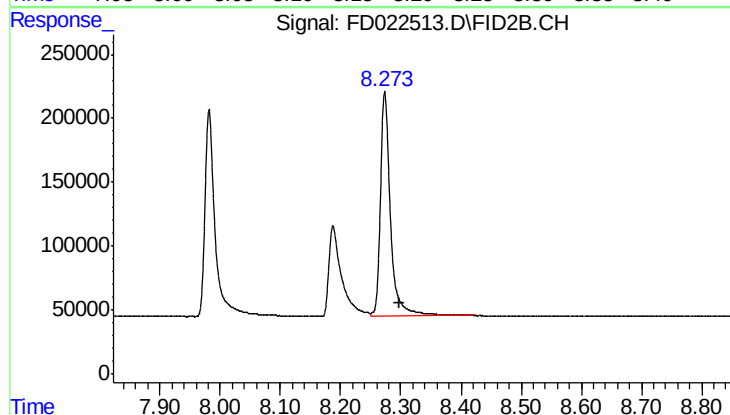
#5 Acenaphthylene (C15.06)

R.T.: 7.982 min
Delta R.T.: -0.027 min
Response: 1913609
Conc: 19.98 ug/ml



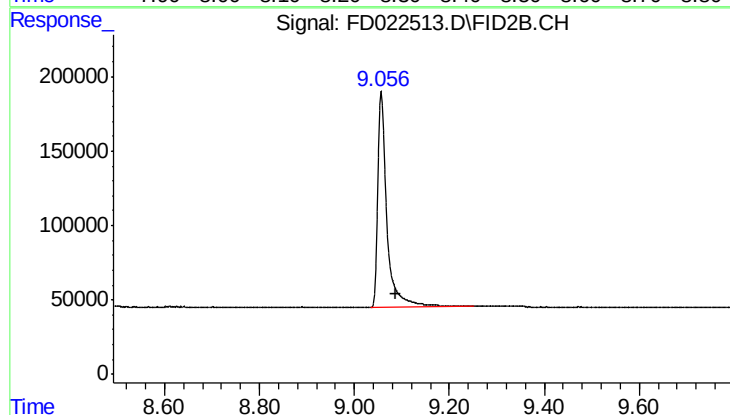
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.188 min
Delta R.T.: -0.037 min
Response: 1024857
Conc: 20.27 ug/ml



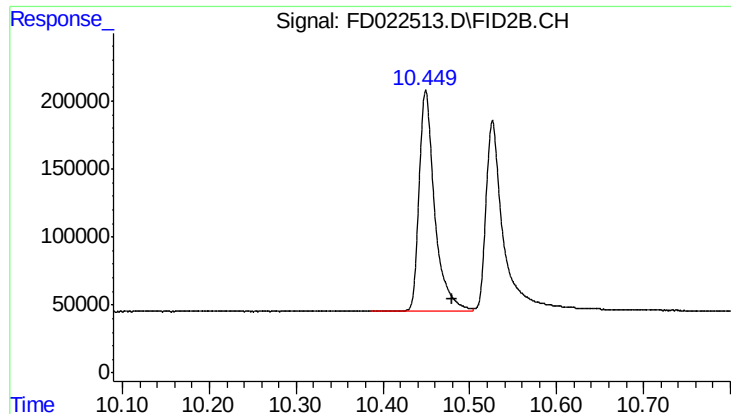
#7 Acenaphthene (C15.5)

R.T.: 8.274 min
Delta R.T.: -0.025 min
Response: 2036570
Conc: 19.88 ug/ml



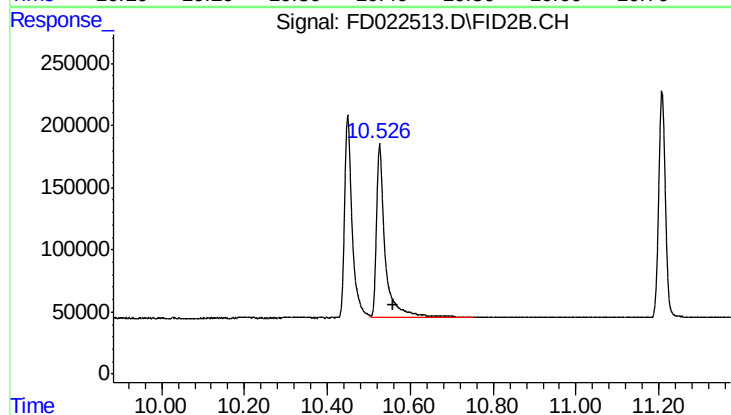
#8 Fluorene (C16.55)

R.T.: 9.057 min
Delta R.T.: -0.030 min
Response: 1936902
Conc: 20.66 ug/ml



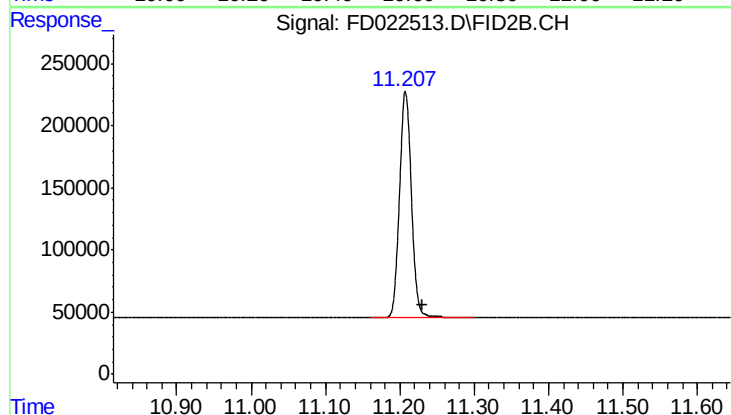
#9 Phenanthrene (C19.36)

R.T.: 10.449 min
Delta R.T.: -0.031 min
Response: 2031053
Conc: 21.80 ug/ml



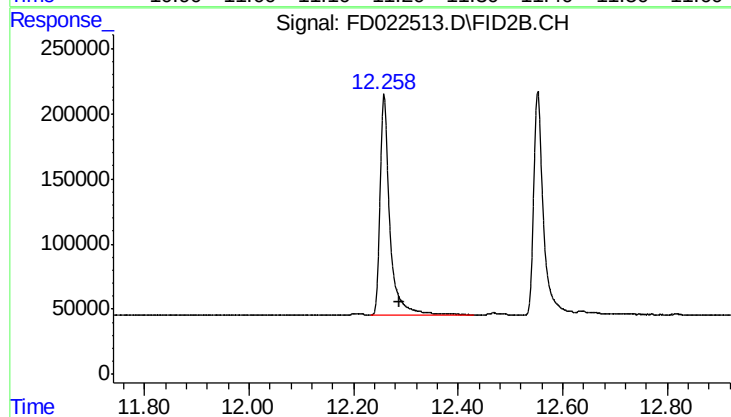
#10 Anthracene (C19.43)

R.T.: 10.526 min
Delta R.T.: -0.033 min
Response: 2033897
Conc: 21.45 ug/ml



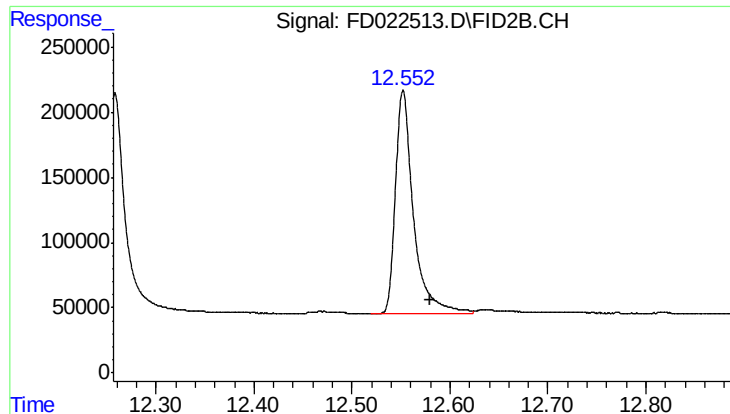
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: -0.023 min
Response: 2033334
Conc: 21.43 ug/ml



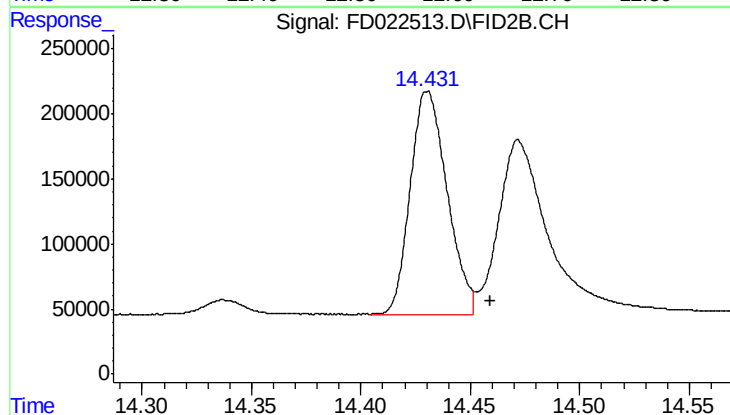
#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: -0.029 min
Response: 2185307
Conc: 21.79 ug/ml



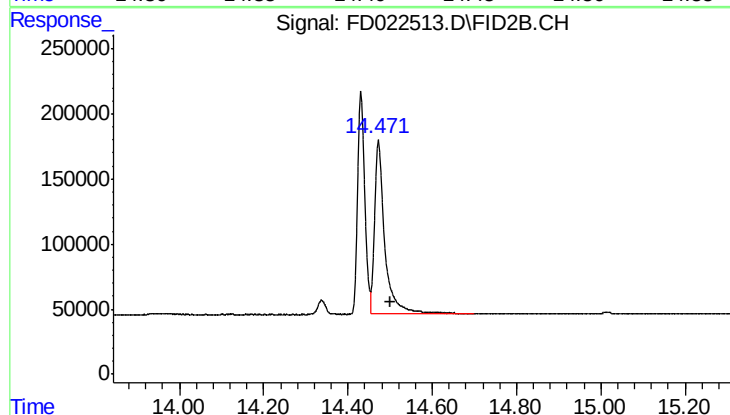
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: -0.028 min
Response: 2177987
Conc: 21.44 ug/ml



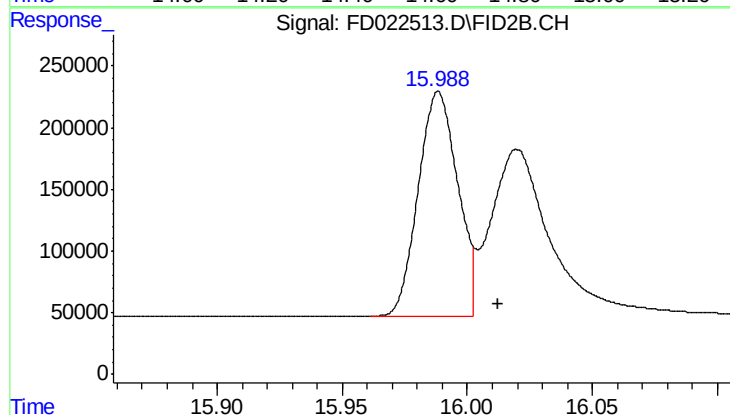
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: -0.028 min
Response: 2017646
Conc: 20.92 ug/ml m



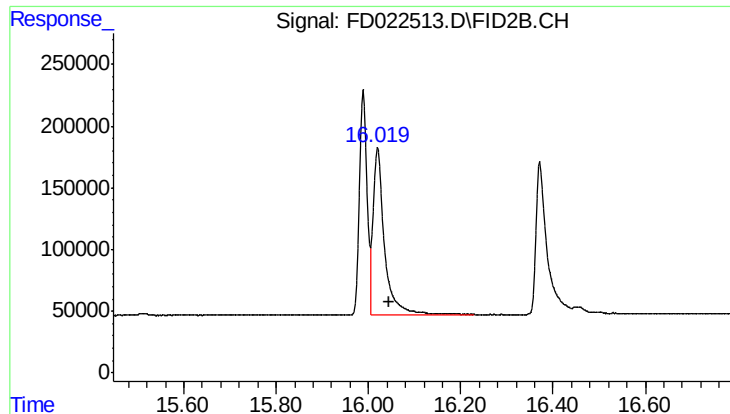
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: -0.028 min
Response: 2262799
Conc: 20.97 ug/ml



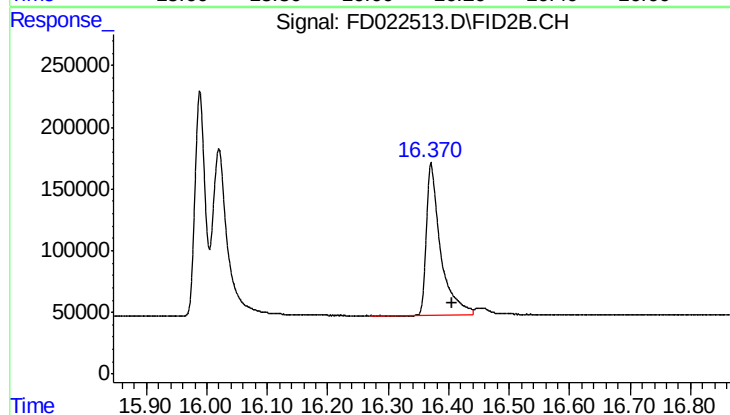
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.988 min
Delta R.T.: -0.024 min
Response: 2008839
Conc: 19.98 ug/ml m



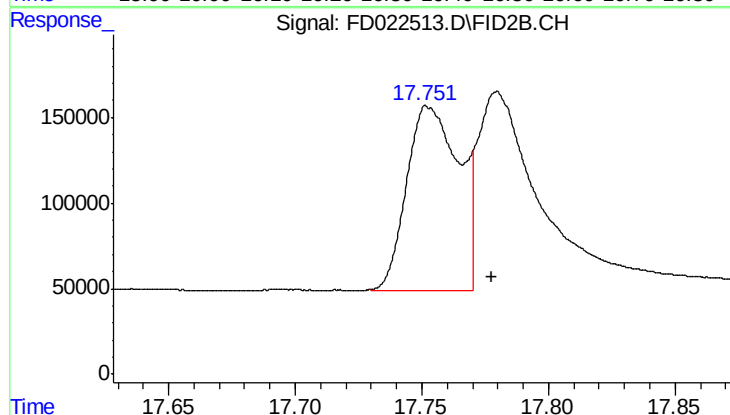
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.020 min
Delta R.T.: -0.026 min
Response: 2338927
Conc: 20.61 ug/ml



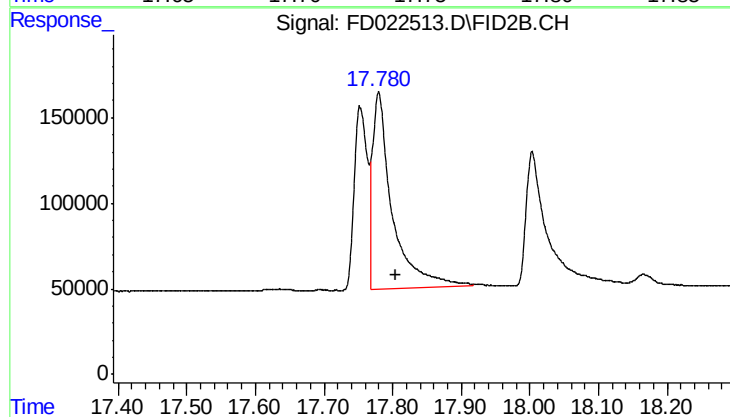
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.034 min
Response: 1993556
Conc: 18.97 ug/ml



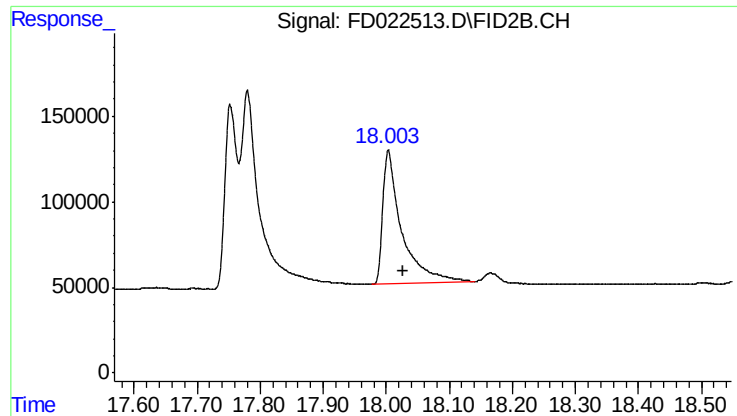
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min
Delta R.T.: -0.026 min
Response: 1565448
Conc: 16.43 ug/ml m



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

R.T.: 17.780 min
Delta R.T.: -0.025 min
Response: 2302381
Conc: 20.26 ug/ml m



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

R.T.: 18.003 min
Delta R.T.: -0.025 min
Response: 1635529
Conc: 15.75 ug/ml m