

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071322\
 Data File : FE036472.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jul 2022 12:29
 Operator : YP\AJ
 Sample : N3214-03
 Misc : 1 PPM SOIL LOD
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 14 01:22:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE062022.M
 Quant Title :
 QLast Update : Tue Jun 21 02:15:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.945	2226779	15.869 ug/ml
Target Compounds			
1) N-OCTANE	1.964	126362	0.790 ug/ml
2) N-DECANE	4.495	135550	0.833 ug/ml
3) N-DODECANE	6.664	132736	0.815 ug/ml
4) N-TETRADECANE	8.490	148436	0.915 ug/ml
5) N-HEXADECANE	10.098	133628	0.824 ug/ml
6) N-OCTADECANE	11.539	136965	0.837 ug/ml
7) N-EICOSANE	12.848	142989	0.891 ug/ml
8) N-DOCOSANE	14.045	145171	0.913 ug/ml
10) N-TETRACOSANE	15.149	148243	0.948 ug/ml
11) N-HEXACOSANE	16.168	144078	0.938 ug/ml
12) N-OCTACOSANE	17.118	145001	0.964 ug/ml
13) N-TRIACONTANE	18.004	165181	1.113 ug/ml
14) N-DOTRIACONTANE	18.838	168725	1.196 ug/ml
15) N-TETRATRIACONTANE	19.622	144210	1.121 ug/ml
16) N-HEXATRIACONTANE	20.365	106705	0.958 ug/ml

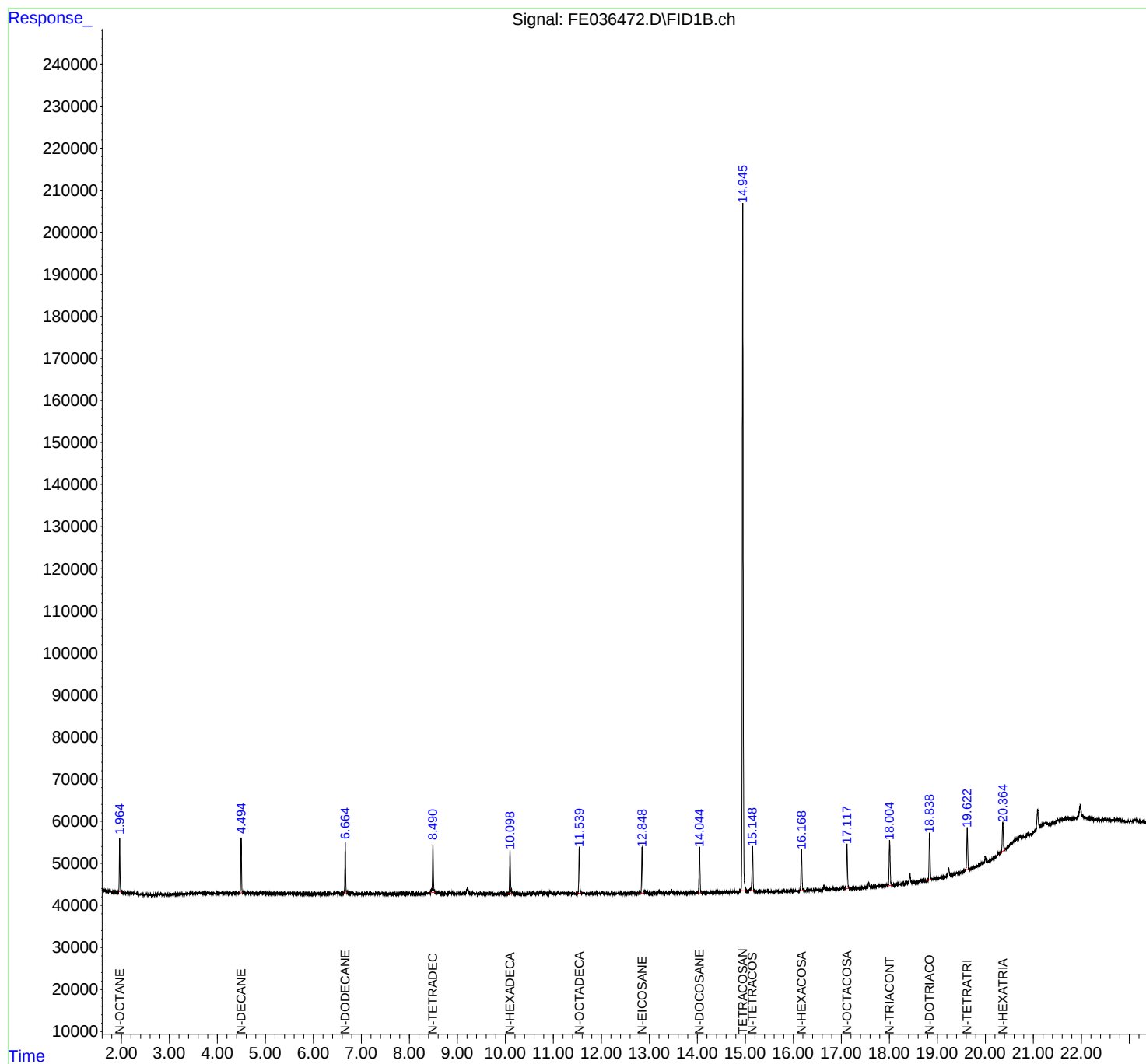
(f)=RT Delta > 1/2 Window

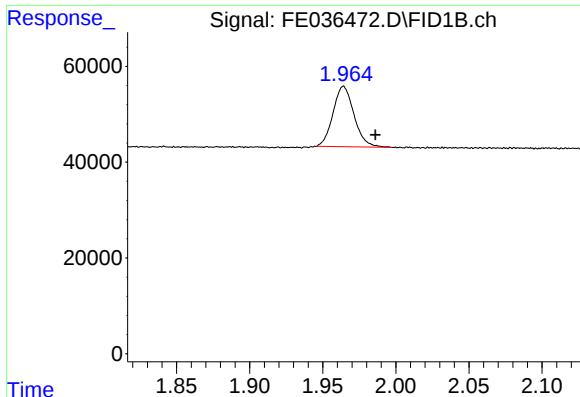
(m)=manual int.

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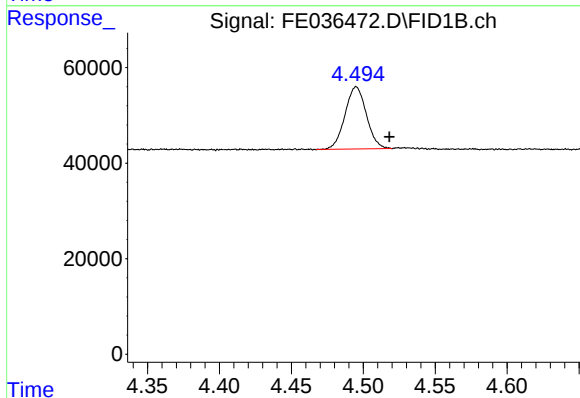
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





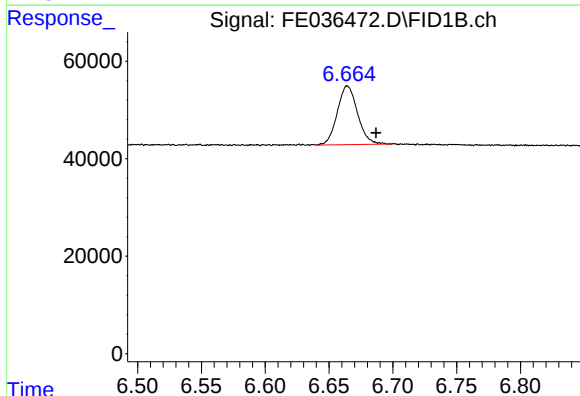
#1 N-OCTANE

R.T.: 1.964 min
Delta R.T.: -0.022 min
Response: 126362
Conc: 0.79 ug/ml



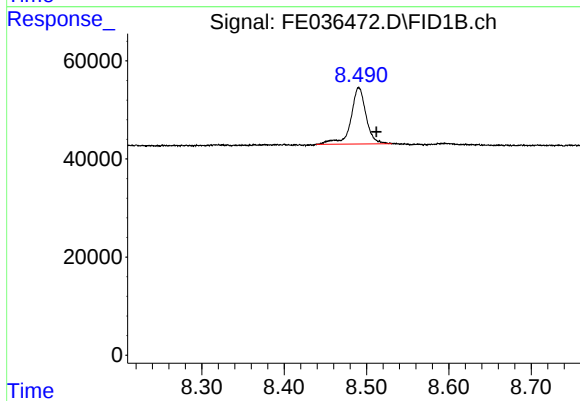
#2 N-DECANE

R.T.: 4.495 min
Delta R.T.: -0.023 min
Response: 135550
Conc: 0.83 ug/ml



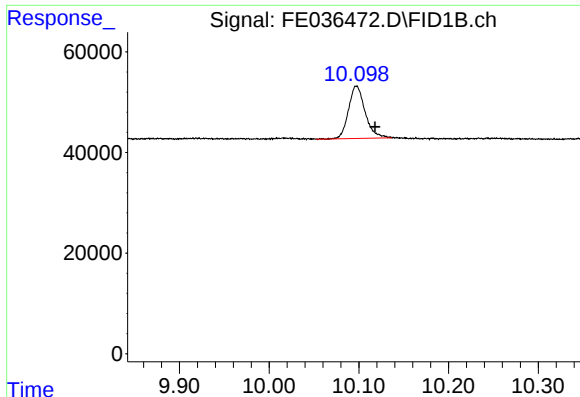
#3 N-DODECANE

R.T.: 6.664 min
Delta R.T.: -0.022 min
Response: 132736
Conc: 0.82 ug/ml



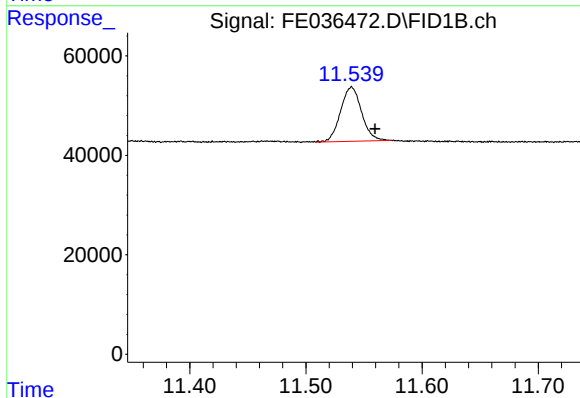
#4 N-TETRADECANE

R.T.: 8.490 min
Delta R.T.: -0.022 min
Response: 148436
Conc: 0.91 ug/ml



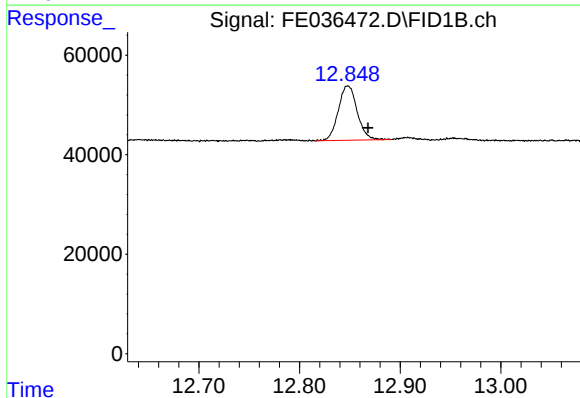
#5 N-HEXADECANE

R.T.: 10.098 min
Delta R.T.: -0.020 min
Response: 133628
Conc: 0.82 ug/ml



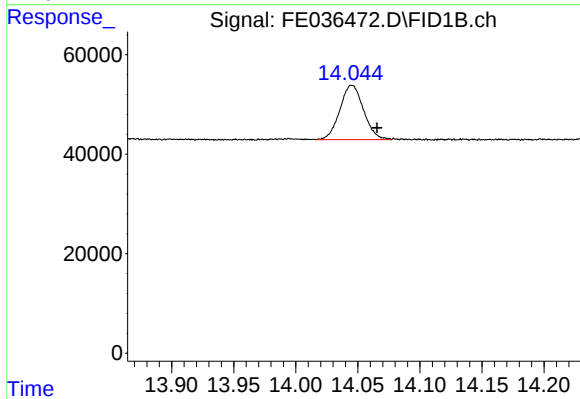
#6 N-OCTADECANE

R.T.: 11.539 min
Delta R.T.: -0.020 min
Response: 136965
Conc: 0.84 ug/ml



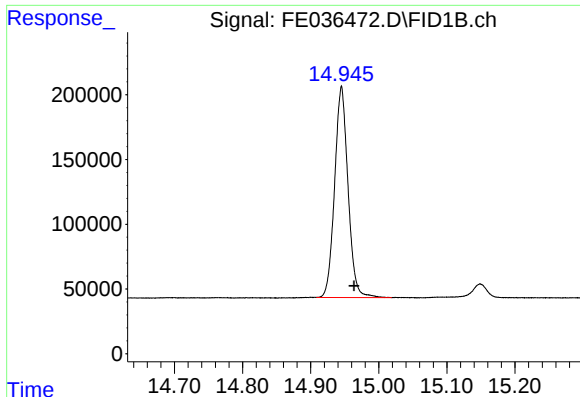
#7 N-EICOSANE

R.T.: 12.848 min
Delta R.T.: -0.020 min
Response: 142989
Conc: 0.89 ug/ml



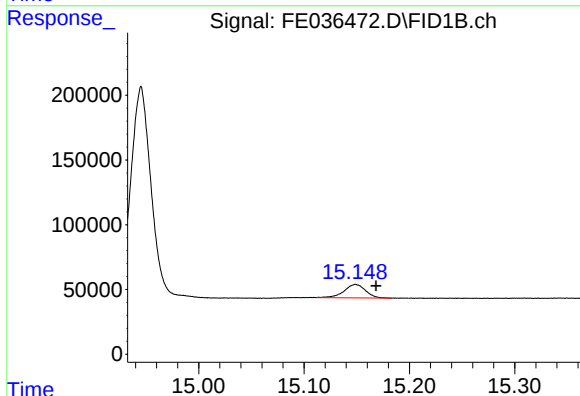
#8 N-DOCOSANE

R.T.: 14.045 min
Delta R.T.: -0.021 min
Response: 145171
Conc: 0.91 ug/ml



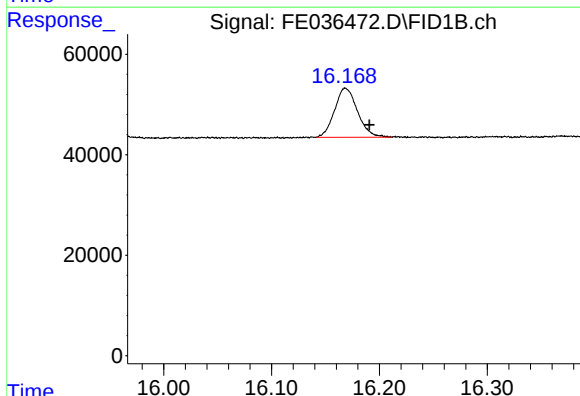
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.945 min
Delta R.T.: -0.018 min
Response: 2226779
Conc: 15.87 ug/ml



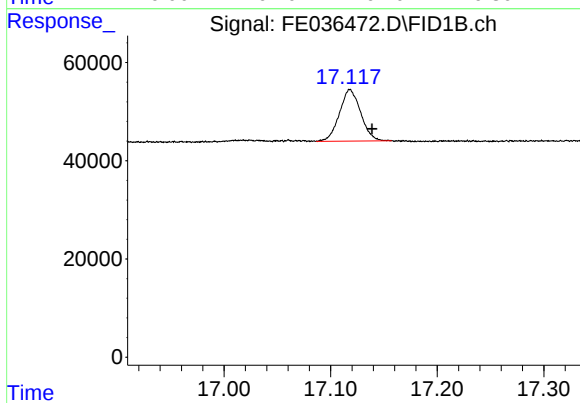
#10 N-TETRACOSANE

R.T.: 15.149 min
Delta R.T.: -0.019 min
Response: 148243
Conc: 0.95 ug/ml



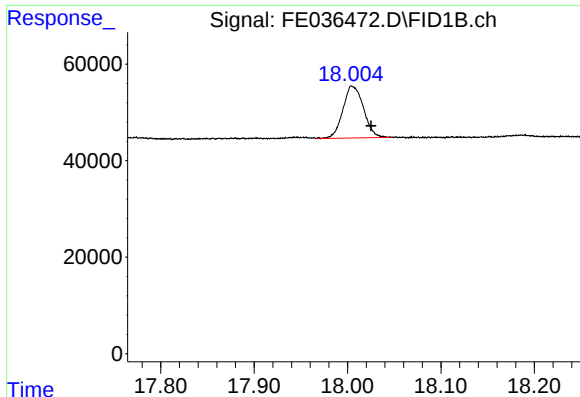
#11 N-HEXACOSANE

R.T.: 16.168 min
Delta R.T.: -0.023 min
Response: 144078
Conc: 0.94 ug/ml



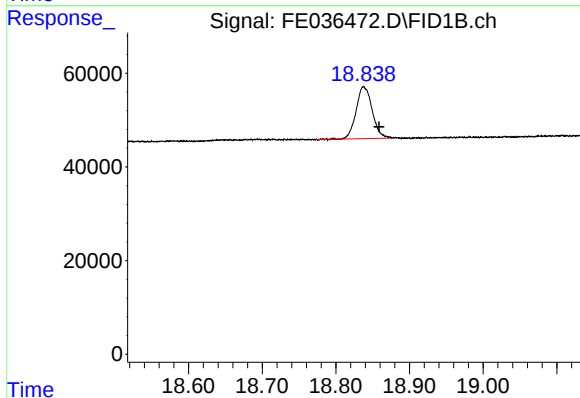
#12 N-OCTACOSANE

R.T.: 17.118 min
Delta R.T.: -0.021 min
Response: 145001
Conc: 0.96 ug/ml



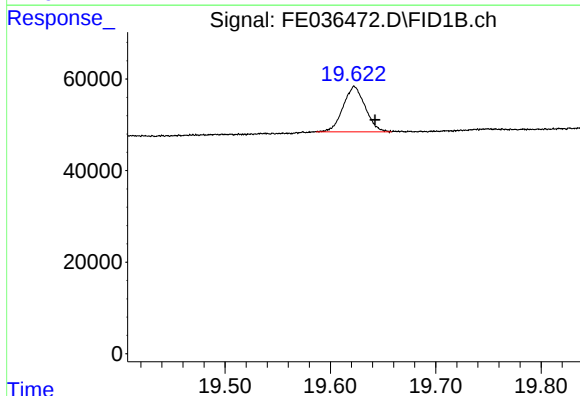
#13 N-TRIACONTANE

R.T.: 18.004 min
Delta R.T.: -0.021 min
Response: 165181
Conc: 1.11 ug/ml



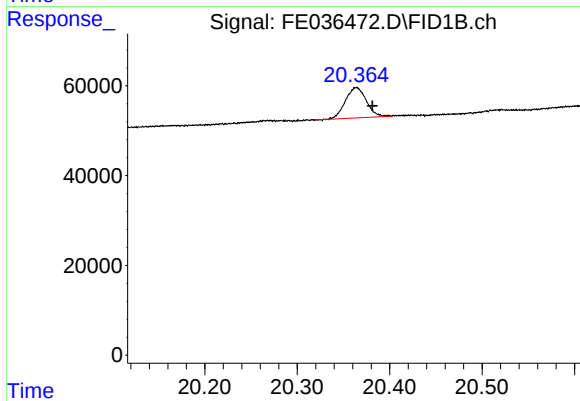
#14 N-DOTRIACONTANE

R.T.: 18.838 min
Delta R.T.: -0.021 min
Response: 168725
Conc: 1.20 ug/ml



#15 N-TETRATRIACONTANE

R.T.: 19.622 min
Delta R.T.: -0.020 min
Response: 144210
Conc: 1.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.365 min
Delta R.T.: -0.017 min
Response: 106705
Conc: 0.96 ug/ml