

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040524AL\
 Data File : FE047490.D
 Signal(s) : FID1B.ch
 Acq On : 05 Apr 2024 14:29
 Operator : YP\AJ
 Sample : PB160027BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 05 23:09:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.982	7099042	40.929 ug/ml
Spiked Amount 50.000		Recovery =	81.86%
12) S 1-chlorooctadecane (S...	13.414	5876019	43.689 ug/ml
Spiked Amount 50.000		Recovery =	87.38%
Target Compounds			
1) T n-Nonane (C9)	3.369	5907448	37.760 ug/ml
2) T n-Decane (C10)	4.618	6340331	39.450 ug/ml
3) T A~Naphthalene (C11.7)	6.321	7086159	41.793 ug/ml
4) T n-Dodecane (C12)	6.780	7020436	43.254 ug/ml
5) T A~2-methylnaphthalene...	7.416	7158275	43.589 ug/ml
6) T n-Tetradecane (C14)	8.610	7241517	45.014 ug/ml
7) T n-Hexadecane (C16)	10.217	7223420	43.495 ug/ml
8) T n-Octadecane (C18)	11.660	7349828	43.828 ug/ml
10) T n-Eicosane (C20)	12.970	7363390	45.452 ug/ml
11) T n-Heneicosane (C21)	13.581	7156619	45.102 ug/ml
13) T n-Docosane (C22)	14.167	7091676	44.190 ug/ml
14) T n-Tetracosane (C24)	15.263	12001355	72.707 ug/ml
15) T n-Hexacosane (C26)	16.290	6936479	41.964 ug/ml
16) T n-Octacosane (C28)	17.238	7050707	42.547 ug/ml
17) T n-Tricontane (C30)	18.125	6988745	41.165 ug/ml
18) T n-Dotriacontane (C32)	18.957	6928009	41.547 ug/ml
19) T n-Tetratriacontane (C34)	19.740	7065191	44.051 ug/ml
20) T n-Hexatriacontane (C36)	20.479	7082180	44.403 ug/ml
21) T n-Octatriacontane (C38)	21.223	7282634	44.810 ug/ml
22) T n-Tetracontane (C40)	22.150	7418570	45.311 ug/ml

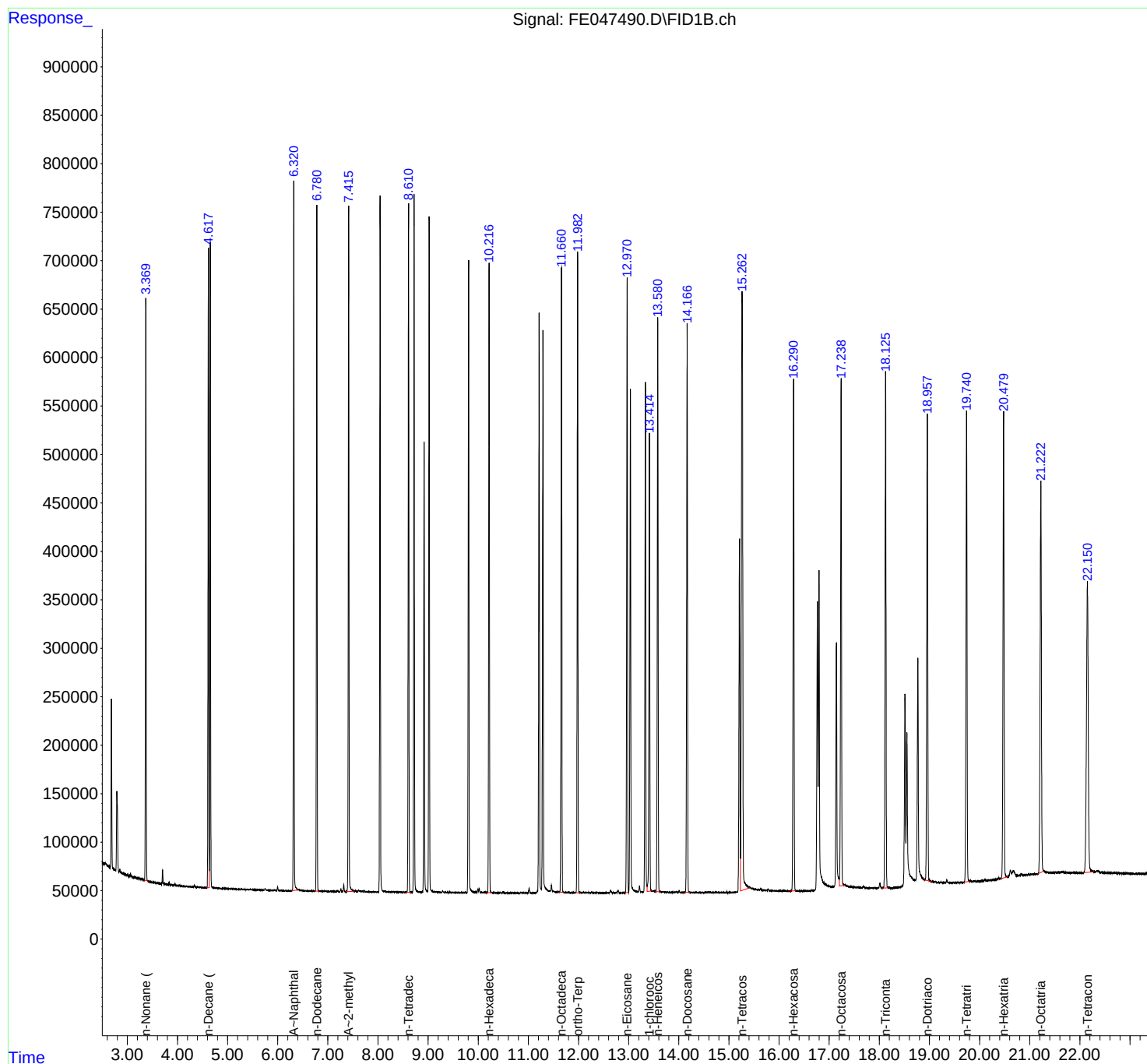
(f)=RT Delta > 1/2 Window

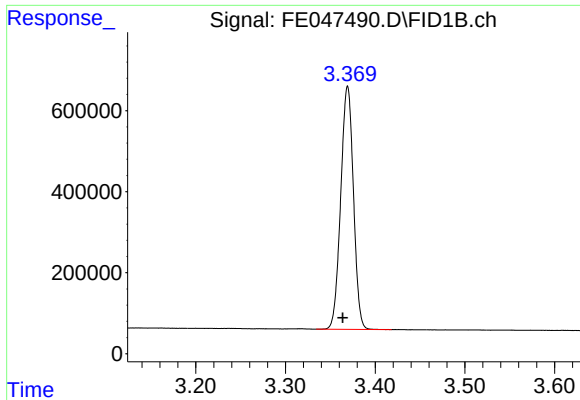
(m)=manual int.

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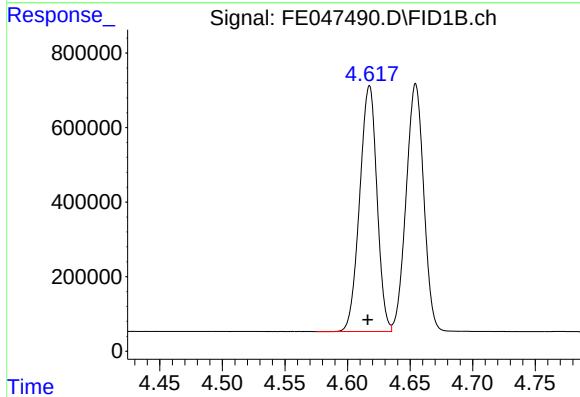
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





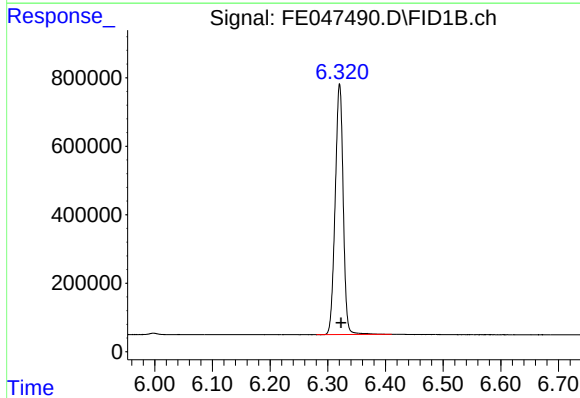
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: 0.005 min
Response: 5907448
Conc: 37.76 ug/ml



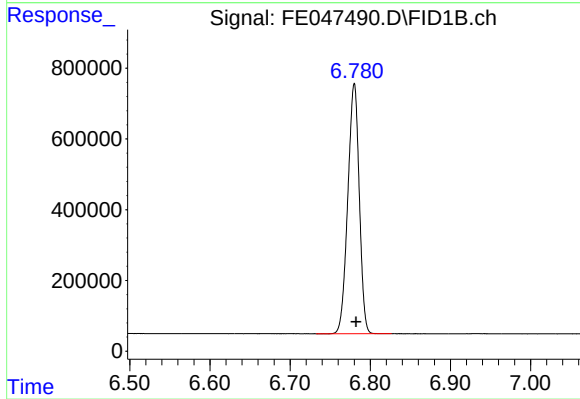
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.001 min
Response: 6340331
Conc: 39.45 ug/ml



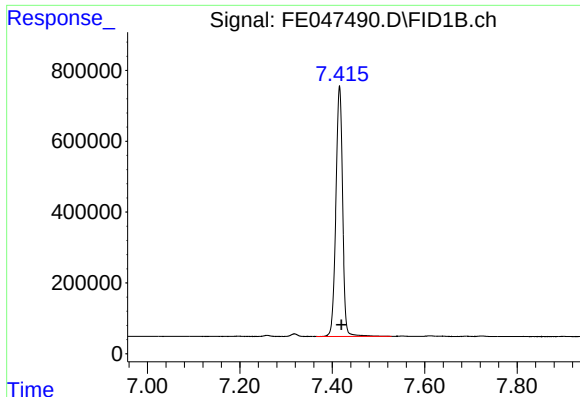
#3 A~Naphthalene (C11.7)

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 7086159
Conc: 41.79 ug/ml



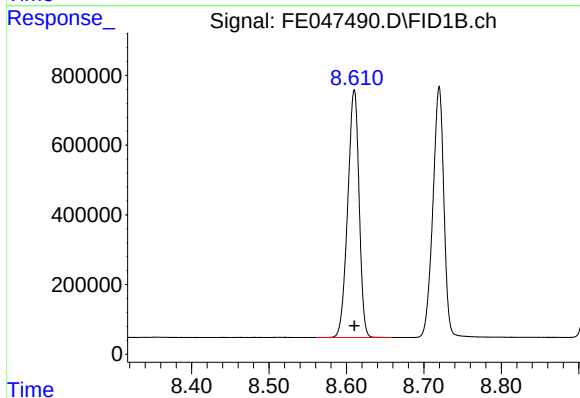
#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 7020436
Conc: 43.25 ug/ml



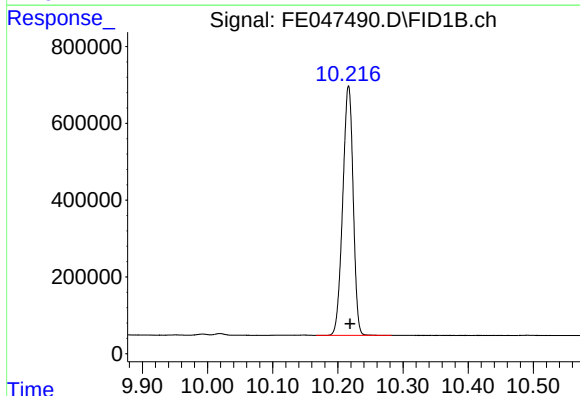
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.416 min
Delta R.T.: -0.004 min
Response: 7158275
Conc: 43.59 ug/ml



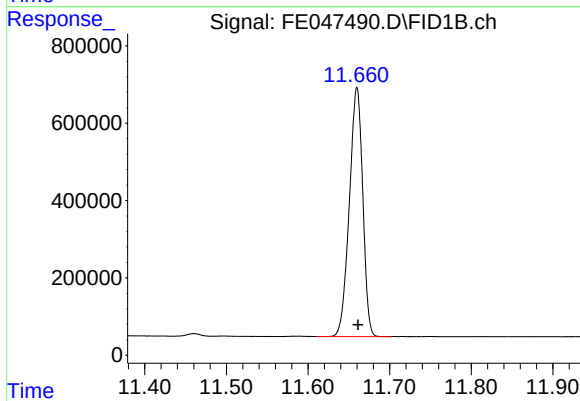
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 7241517
Conc: 45.01 ug/ml



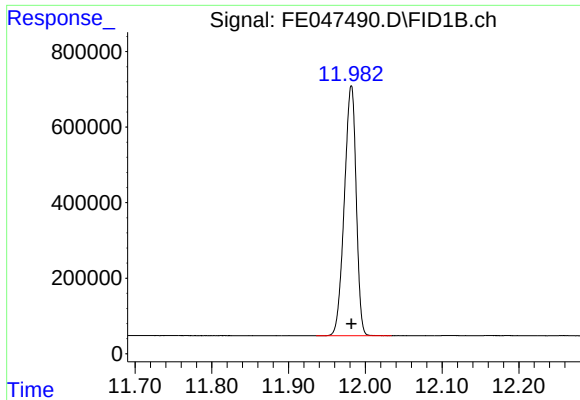
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.002 min
Response: 7223420
Conc: 43.49 ug/ml



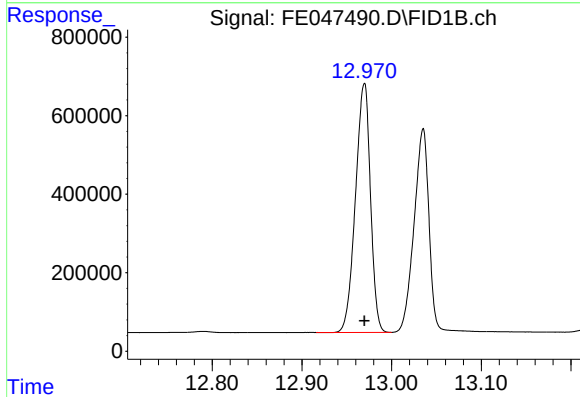
#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 7349828
Conc: 43.83 ug/ml



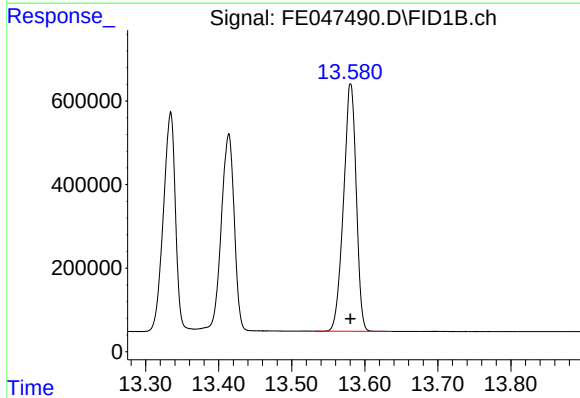
#9 ortho-Terphenyl (SURR)

R.T.: 11.982 min
Delta R.T.: 0.000 min
Response: 7099042
Conc: 40.93 ug/ml



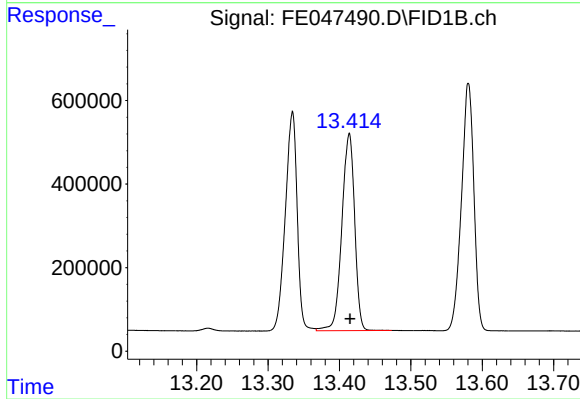
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.000 min
Response: 7363390
Conc: 45.45 ug/ml



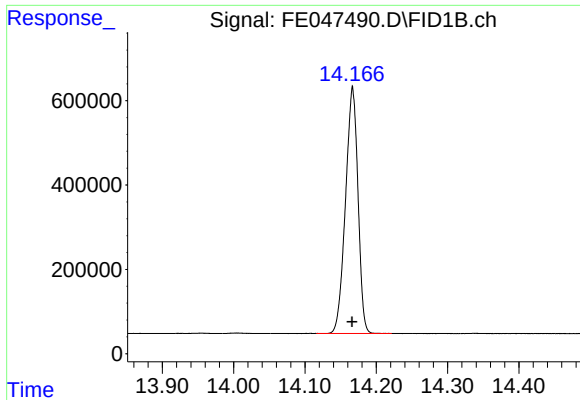
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: 0.000 min
Response: 7156619
Conc: 45.10 ug/ml



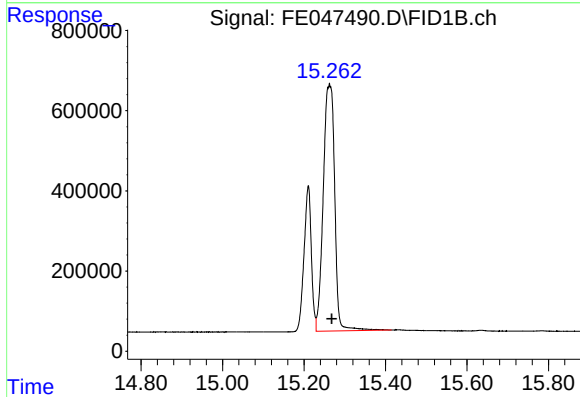
#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min
Delta R.T.: -0.001 min
Response: 5876019
Conc: 43.69 ug/ml



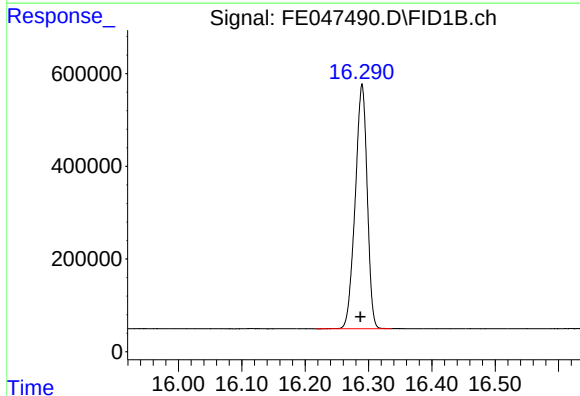
#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: 0.000 min
Response: 7091676
Conc: 44.19 ug/ml



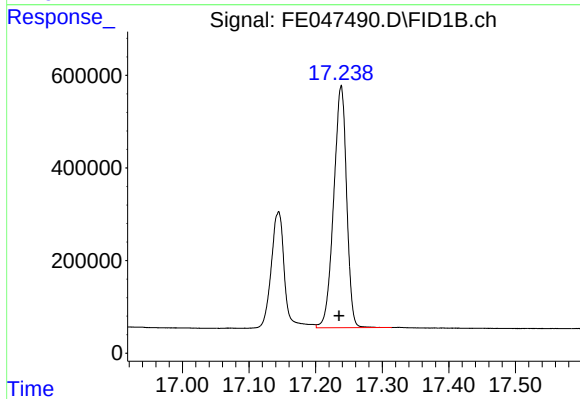
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.005 min
Response: 12001355
Conc: 72.71 ug/ml



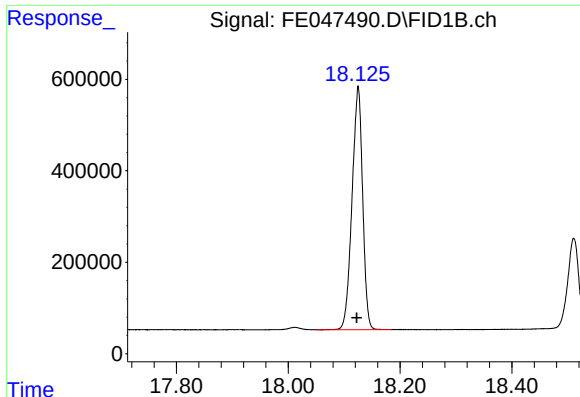
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.003 min
Response: 6936479
Conc: 41.96 ug/ml



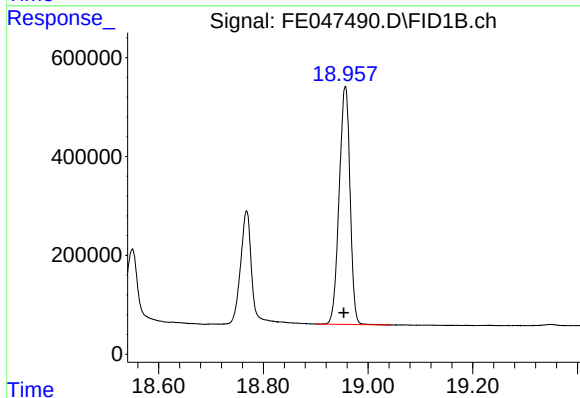
#16 n-Octacosane (C28)

R.T.: 17.238 min
Delta R.T.: 0.003 min
Response: 7050707
Conc: 42.55 ug/ml



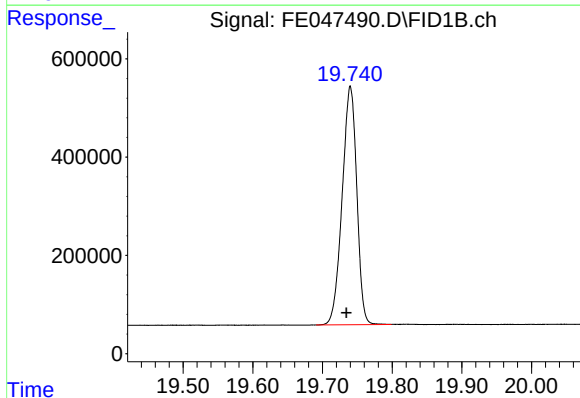
#17 n-Tricontane (C30)

R.T.: 18.125 min
Delta R.T.: 0.003 min
Response: 6988745
Conc: 41.16 ug/ml



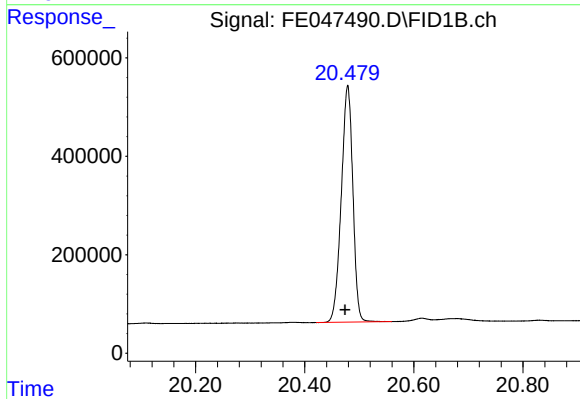
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.003 min
Response: 6928009
Conc: 41.55 ug/ml



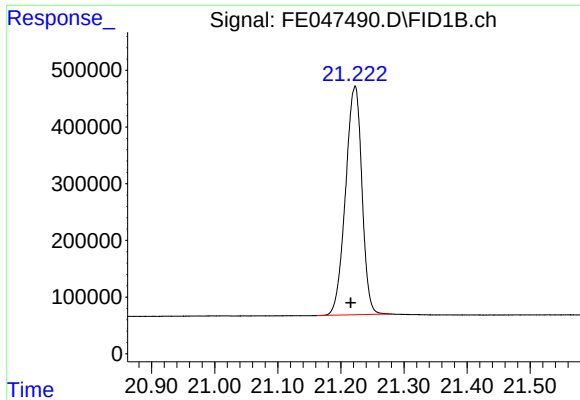
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.006 min
Response: 7065191
Conc: 44.05 ug/ml



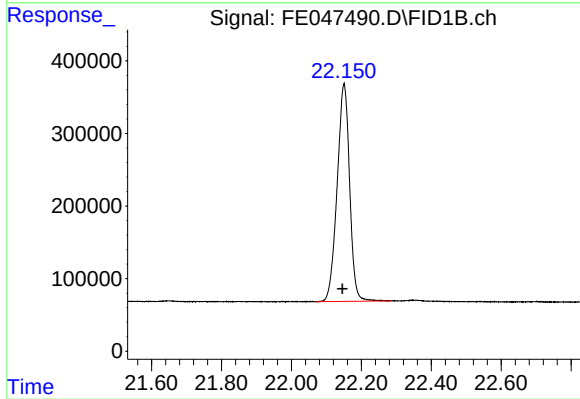
#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.005 min
Response: 7082180
Conc: 44.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: 0.007 min
Response: 7282634
Conc: 44.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.150 min
Delta R.T.: 0.004 min
Response: 7418570
Conc: 45.31 ug/ml