

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032224AL\
 Data File : FE047270.D
 Signal(s) : FID1B.ch
 Acq On : 22 Mar 2024 11:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 12:09:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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	2980519	18.065 ug/ml
Spiked Amount 50.000		Recovery =	36.13%
12) S 1-chlorooctadecane (S...	13.416	2307093	18.095 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
Target Compounds			
1) T n-Nonane (C9)	3.367	2794977	18.590 ug/ml
2) T n-Decane (C10)	4.619	2846899	18.569 ug/ml
3) T A~Naphthalene (C11.7)	6.325	2985847	18.728 ug/ml
4) T n-Dodecane (C12)	6.784	2860807	18.593 ug/ml
5) T A~2-methylnaphthalene...	7.420	2883759	18.790 ug/ml
6) T n-Tetradecane (C14)	8.612	2818565	18.499 ug/ml
7) T n-Hexadecane (C16)	10.219	2888001	18.347 ug/ml
8) T n-Octadecane (C18)	11.661	2890765	18.152 ug/ml
10) T n-Eicosane (C20)	12.971	2767088	18.003 ug/ml
11) T n-Heneicosane (C21)	13.582	2717197	17.958 ug/ml
13) T n-Docosane (C22)	14.167	2695181	17.914 ug/ml
14) T n-Tetracosane (C24)	15.270	2681710	17.957 ug/ml
15) T n-Hexacosane (C26)	16.289	2641959	18.136 ug/ml
16) T n-Octacosane (C28)	17.236	2603168	18.449 ug/ml
17) T n-Tricontane (C30)	18.123	2647956	18.732 ug/ml
18) T n-Dotriacontane (C32)	18.954	2668668	19.351 ug/ml
19) T n-Tetratriacontane (C34)	19.736	2527076	19.356 ug/ml
20) T n-Hexatriacontane (C36)	20.475	2611429	20.962 ug/ml
21) T n-Octatriacontane (C38)	21.219	2652965	21.365 ug/ml
22) T n-Tetracontane (C40)	22.149	2552276	21.699 ug/ml

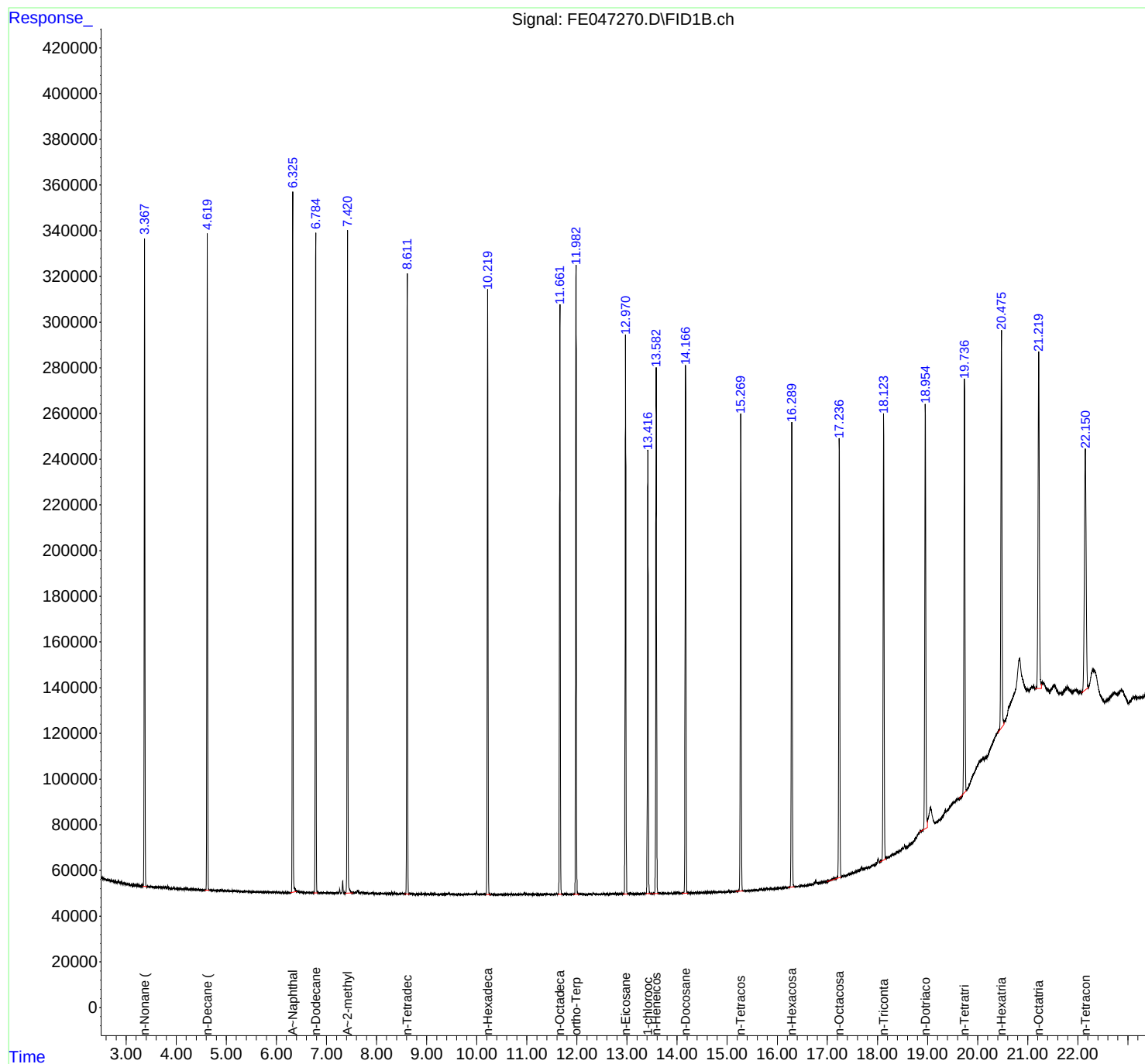
(f)=RT Delta > 1/2 Window

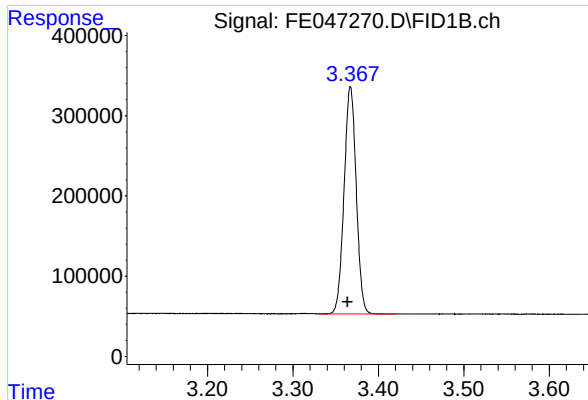
(m)=manual int.

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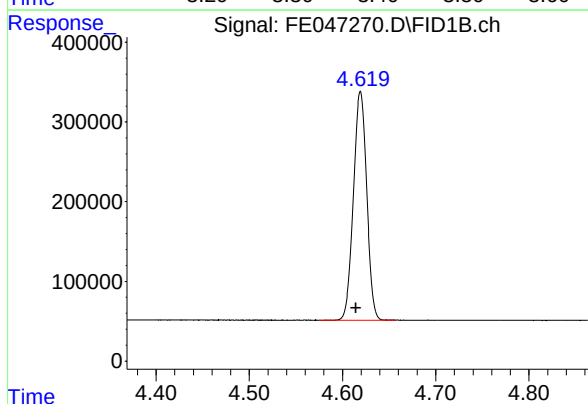
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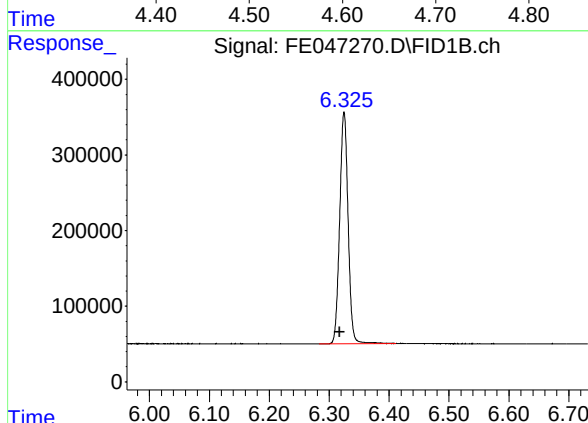
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: 0.003 min
Response: 2794977
Conc: 18.59 ug/ml



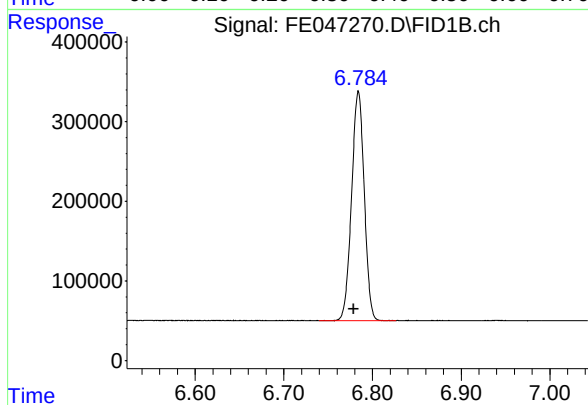
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.005 min
Response: 2846899
Conc: 18.57 ug/ml



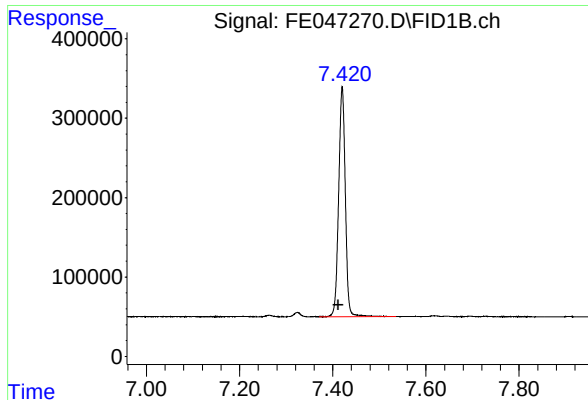
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: 0.008 min
Response: 2985847
Conc: 18.73 ug/ml



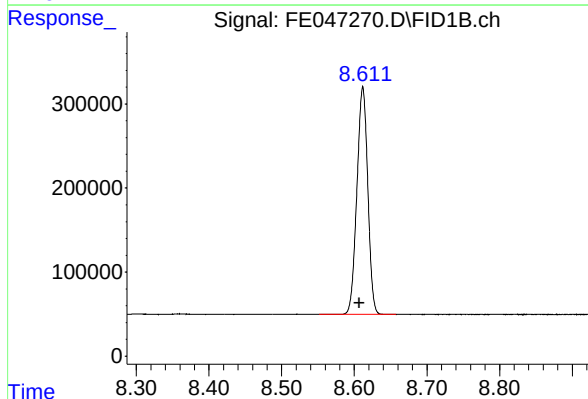
#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.005 min
Response: 2860807
Conc: 18.59 ug/ml



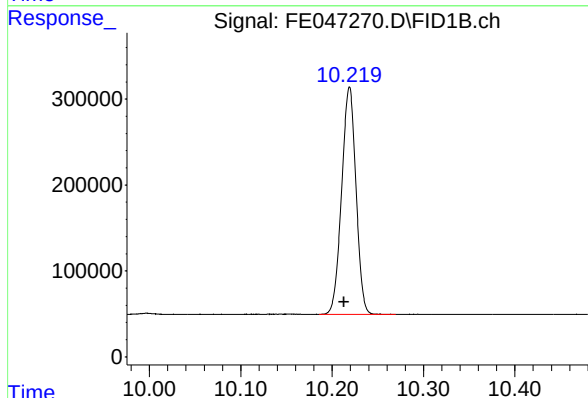
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.420 min
Delta R.T.: 0.008 min
Response: 2883759
Conc: 18.79 ug/ml



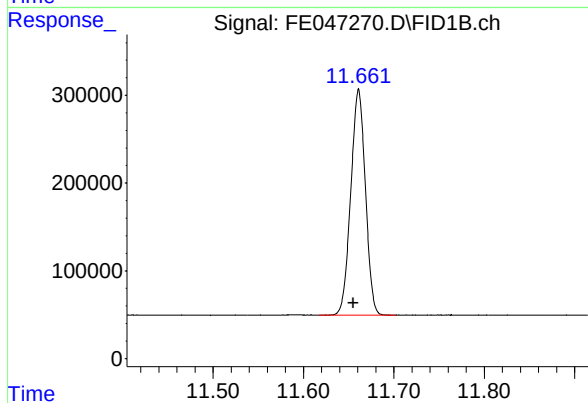
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.005 min
Response: 2818565
Conc: 18.50 ug/ml



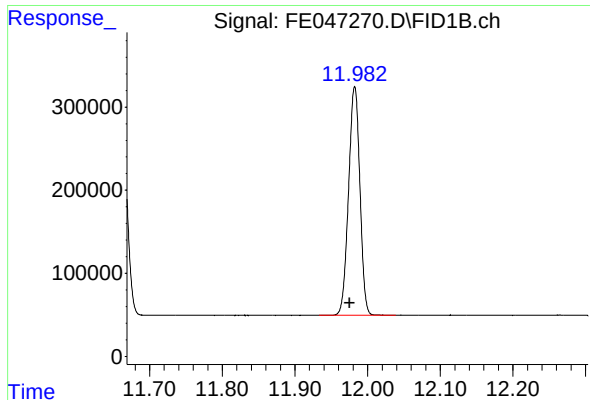
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.006 min
Response: 2888001
Conc: 18.35 ug/ml



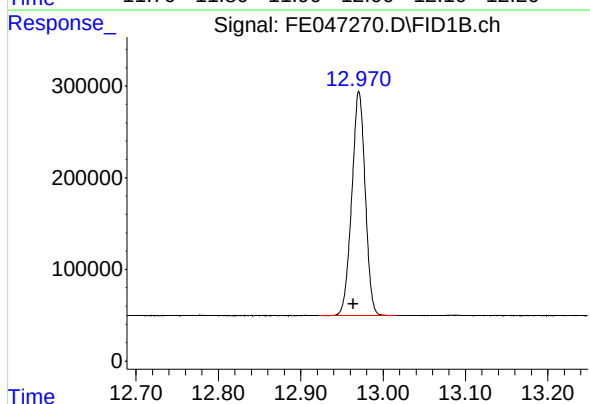
#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: 0.006 min
Response: 2890765
Conc: 18.15 ug/ml



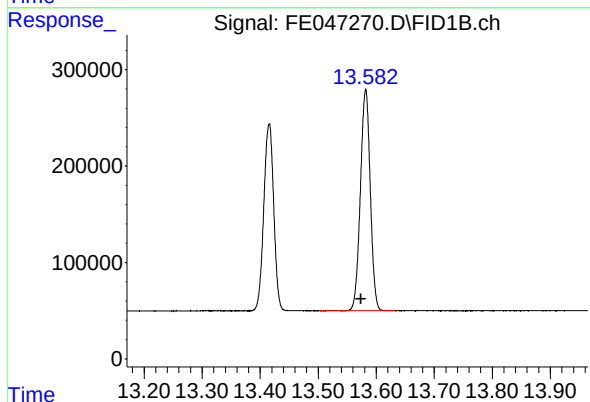
#9 ortho-Terphenyl (SURR)

R.T.: 11.982 min
Delta R.T.: 0.007 min
Response: 2980519
Conc: 18.06 ug/ml



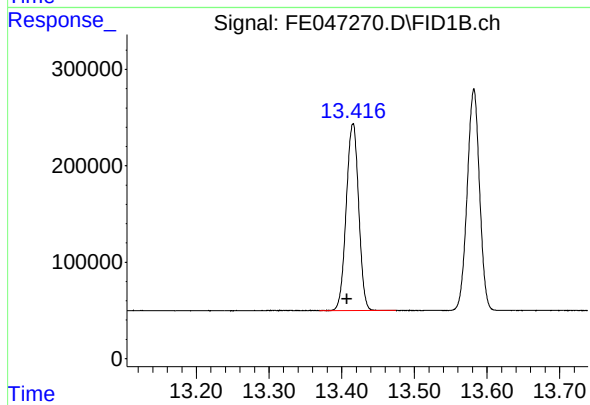
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: 0.007 min
Response: 2767088
Conc: 18.00 ug/ml



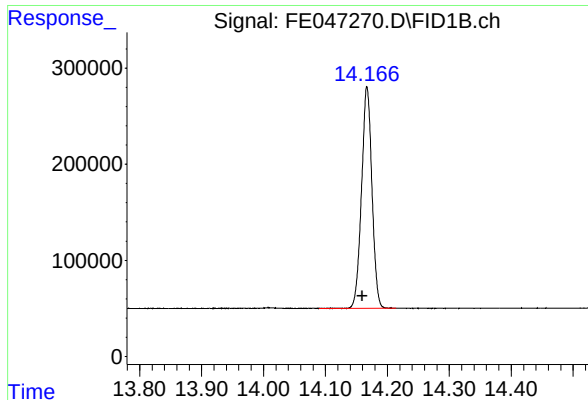
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.008 min
Response: 2717197
Conc: 17.96 ug/ml



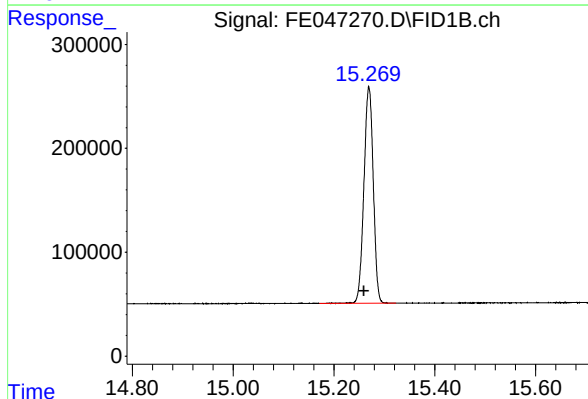
#12 1-chlorooctadecane (SURR)

R.T.: 13.416 min
Delta R.T.: 0.009 min
Response: 2307093
Conc: 18.09 ug/ml



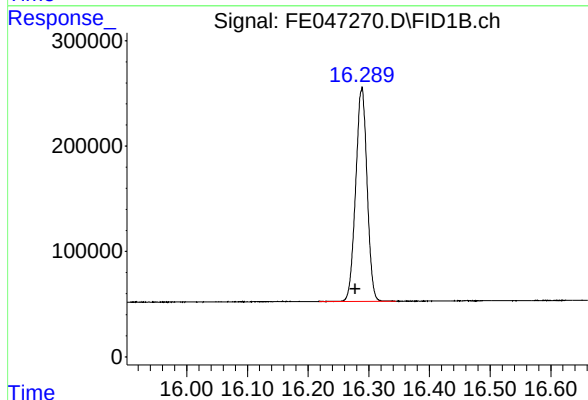
#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: 0.007 min
Response: 2695181
Conc: 17.91 ug/ml



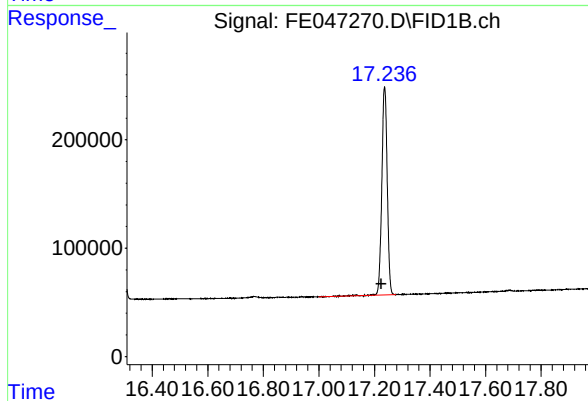
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: 0.010 min
Response: 2681710
Conc: 17.96 ug/ml



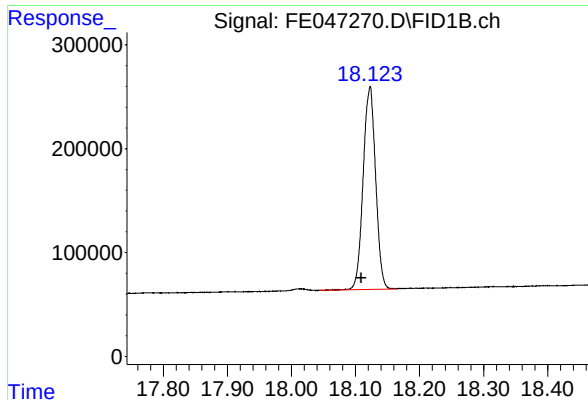
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.011 min
Response: 2641959
Conc: 18.14 ug/ml



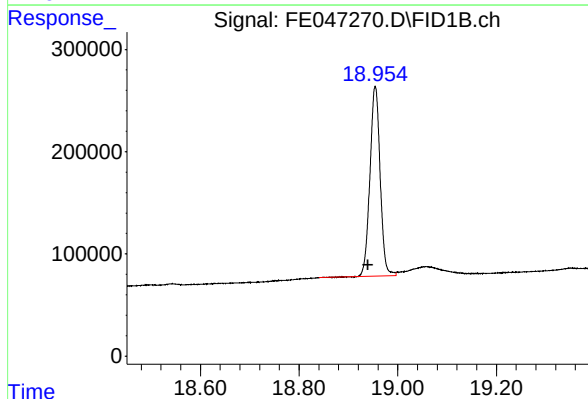
#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.012 min
Response: 2603168
Conc: 18.45 ug/ml



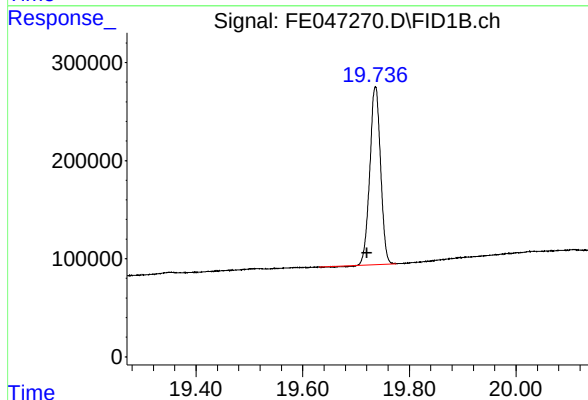
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.014 min
Response: 2647956
Conc: 18.73 ug/ml



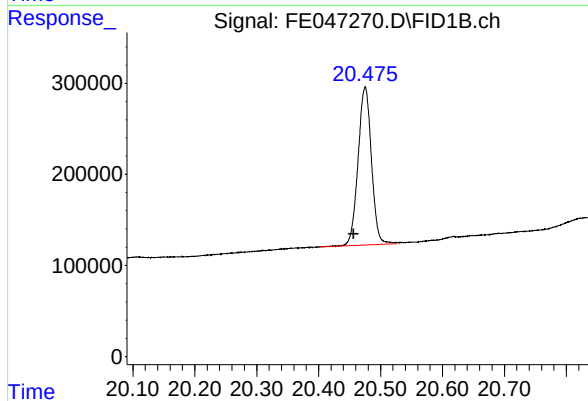
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.014 min
Response: 2668668
Conc: 19.35 ug/ml



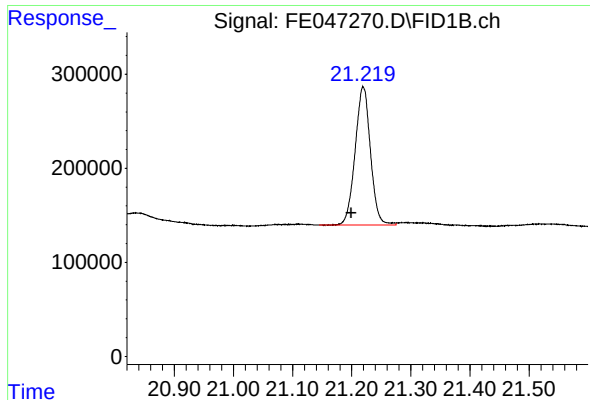
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.015 min
Response: 2527076
Conc: 19.36 ug/ml



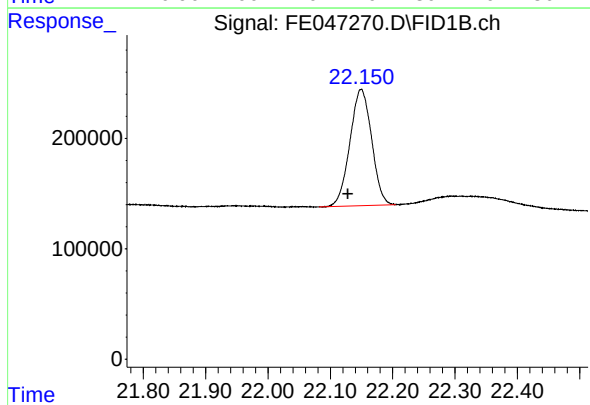
#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: 0.019 min
Response: 2611429
Conc: 20.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: 0.020 min
Response: 2652965
Conc: 21.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: 0.021 min
Response: 2552276
Conc: 21.70 ug/ml