

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032024AL\
 Data File : FE047224.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2024 13:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 02:57:51 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)	11.978	3044128	18.450 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	13.411	2350046	18.432 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
Target Compounds			
1) T n-Nonane (C9)	3.365	2815548	18.727 ug/ml
2) T n-Decane (C10)	4.615	2898414	18.905 ug/ml
3) T A~Naphthalene (C11.7)	6.318	2998457	18.807 ug/ml
4) T n-Dodecane (C12)	6.780	2900918	18.853 ug/ml
5) T A~2-methylnaphthalene...	7.414	2887743	18.816 ug/ml
6) T n-Tetradecane (C14)	8.608	2864883	18.803 ug/ml
7) T n-Hexadecane (C16)	10.215	2942935	18.696 ug/ml
8) T n-Octadecane (C18)	11.658	2959767	18.585 ug/ml
10) T n-Eicosane (C20)	12.966	2843940	18.503 ug/ml
11) T n-Heneicosane (C21)	13.577	2783808	18.398 ug/ml
13) T n-Docosane (C22)	14.163	2803381	18.633 ug/ml
14) T n-Tetracosane (C24)	15.264	2845873	19.056 ug/ml
15) T n-Hexacosane (C26)	16.283	2850339	19.566 ug/ml
16) T n-Octacosane (C28)	17.231	2860361	20.272 ug/ml
17) T n-Tricontane (C30)	18.118	2953929	20.896 ug/ml
18) T n-Dotriacontane (C32)	18.949	2876981	20.862 ug/ml
19) T n-Tetratriacontane (C34)	19.730	2705458	20.722 ug/ml
20) T n-Hexatriacontane (C36)	20.468	2650415	21.275 ug/ml
21) T n-Octatriacontane (C38)	21.211	3392127	27.318 ug/ml
22) T n-Tetracontane (C40)	22.139	2546957	21.654 ug/ml

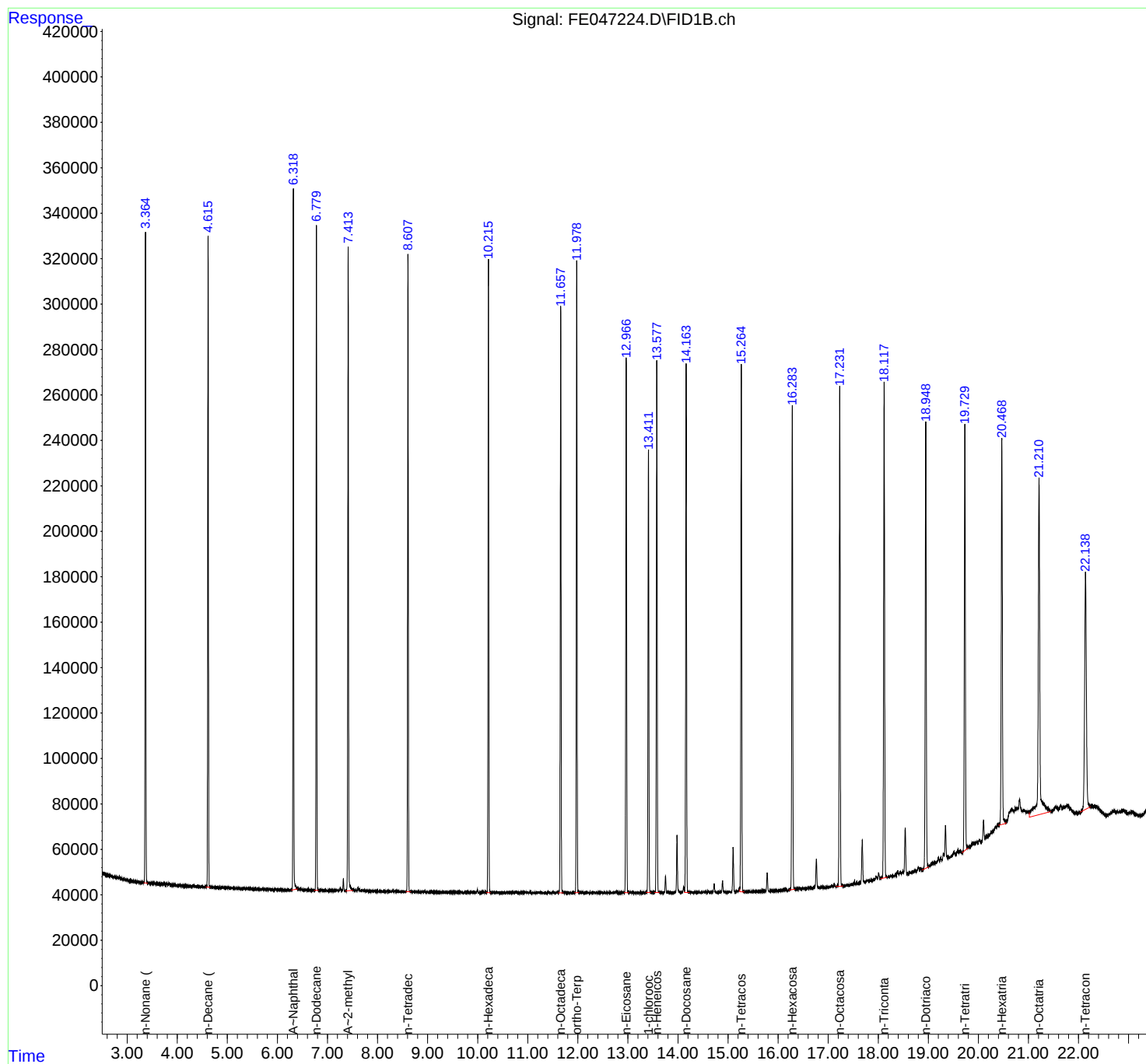
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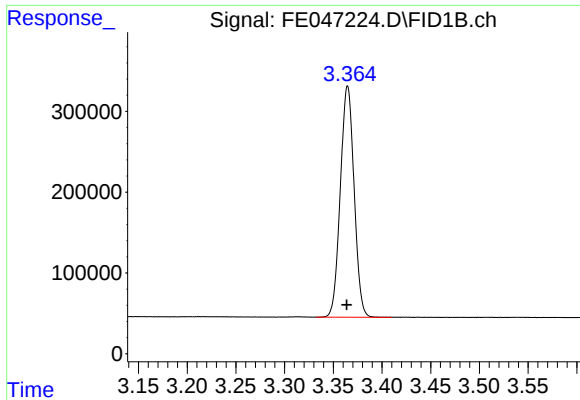
(m)=manual int.

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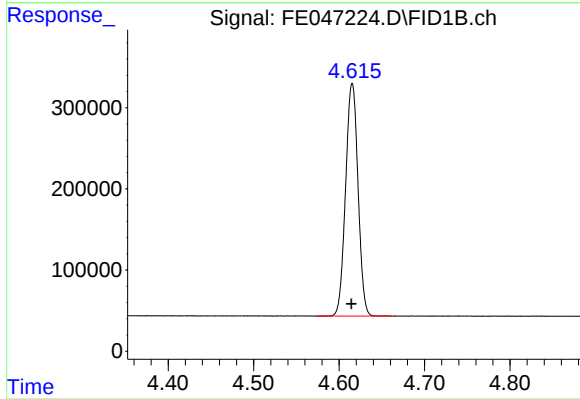
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Signal Info : 20M x 0.18mm x 0.18um





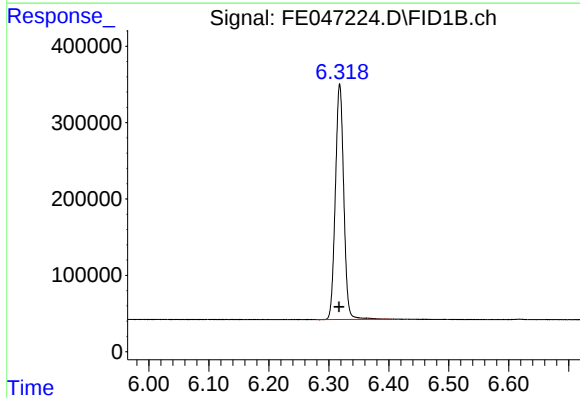
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 2815548
Conc: 18.73 ug/ml



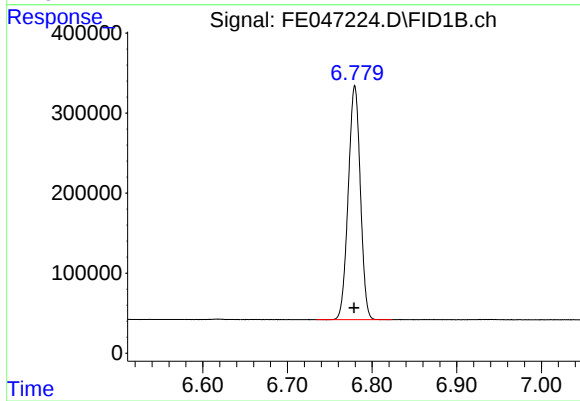
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 2898414
Conc: 18.90 ug/ml



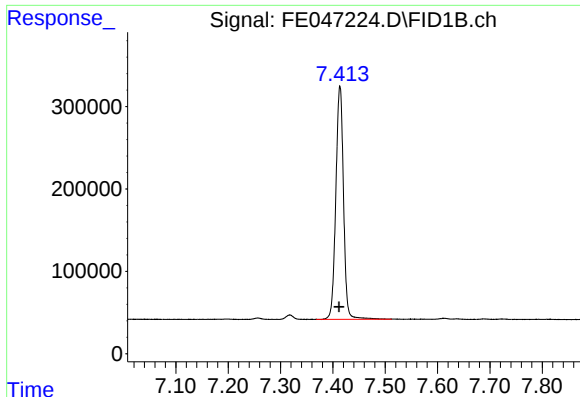
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: 0.001 min
Response: 2998457
Conc: 18.81 ug/ml



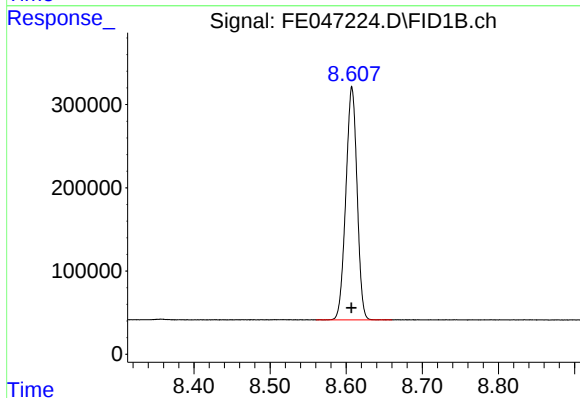
#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 2900918
Conc: 18.85 ug/ml



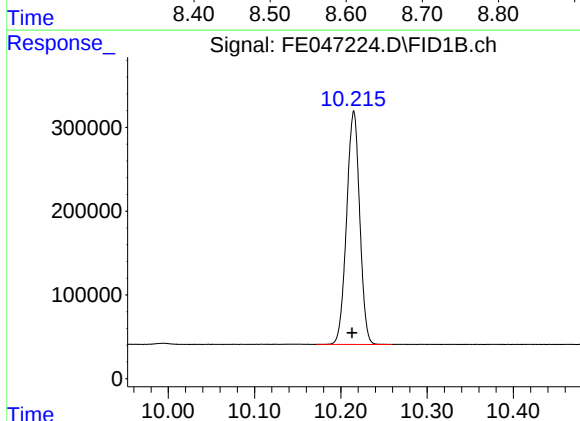
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.414 min
Delta R.T.: 0.002 min
Response: 2887743
Conc: 18.82 ug/ml



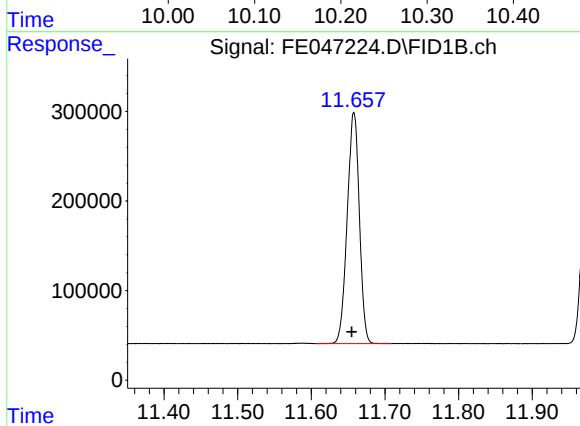
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 2864883
Conc: 18.80 ug/ml



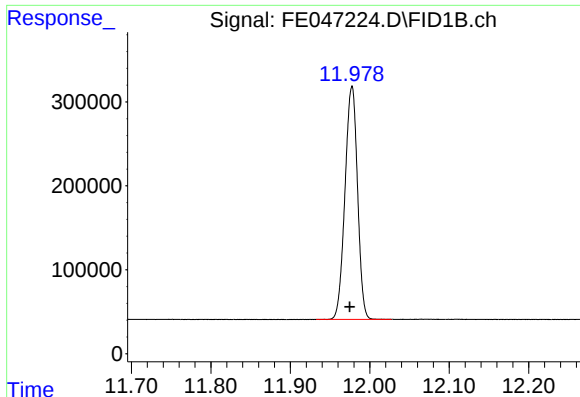
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.002 min
Response: 2942935
Conc: 18.70 ug/ml



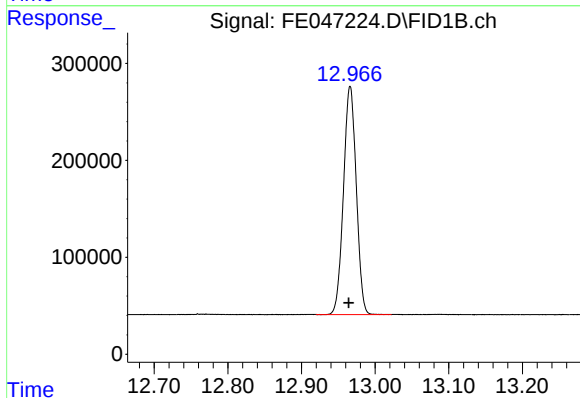
#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: 0.003 min
Response: 2959767
Conc: 18.59 ug/ml



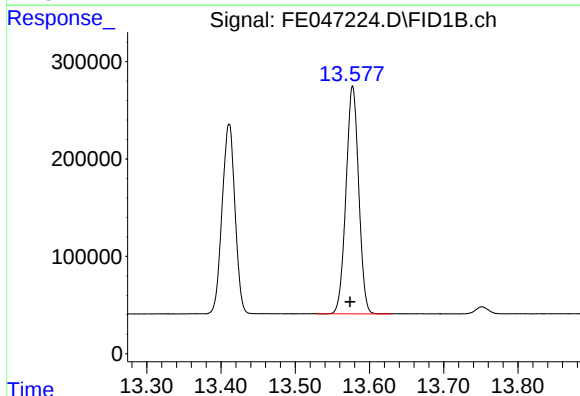
#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: 0.003 min
Response: 3044128
Conc: 18.45 ug/ml



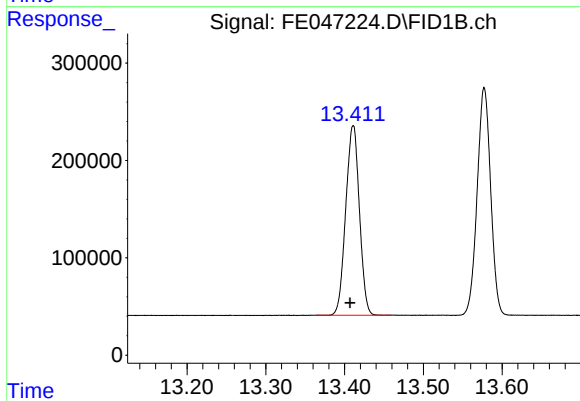
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: 0.002 min
Response: 2843940
Conc: 18.50 ug/ml



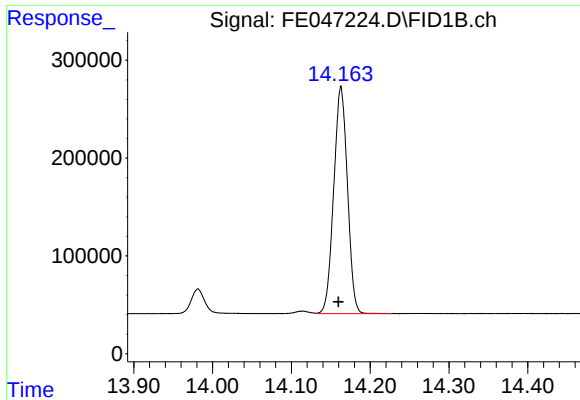
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.004 min
Response: 2783808
Conc: 18.40 ug/ml



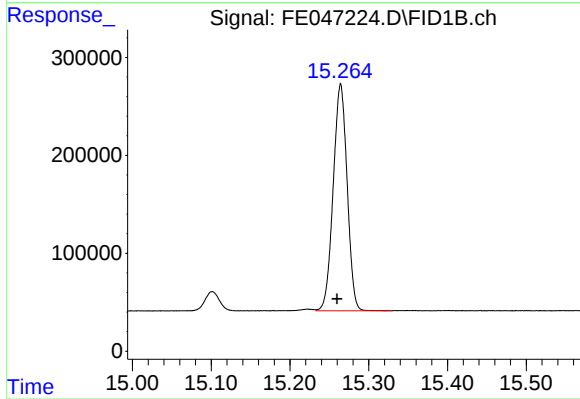
#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: 0.004 min
Response: 2350046
Conc: 18.43 ug/ml



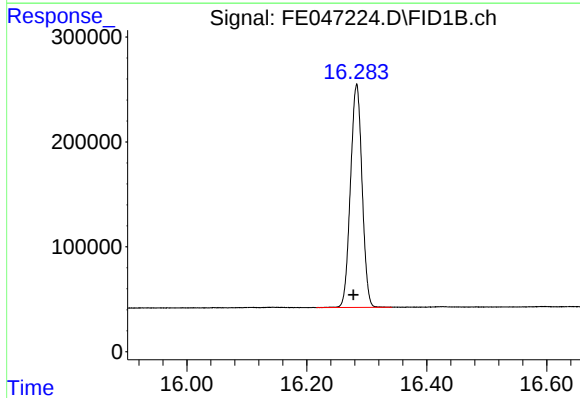
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.003 min
Response: 2803381
Conc: 18.63 ug/ml



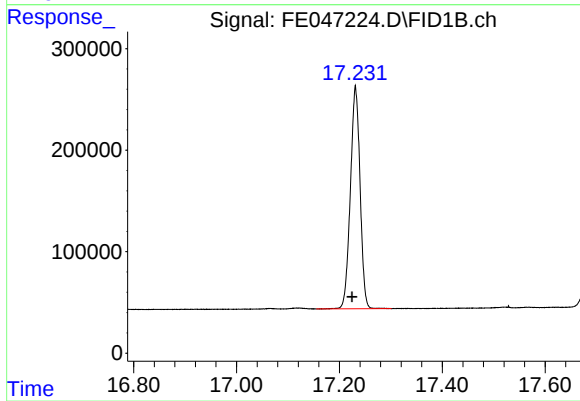
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: 0.005 min
Response: 2845873
Conc: 19.06 ug/ml



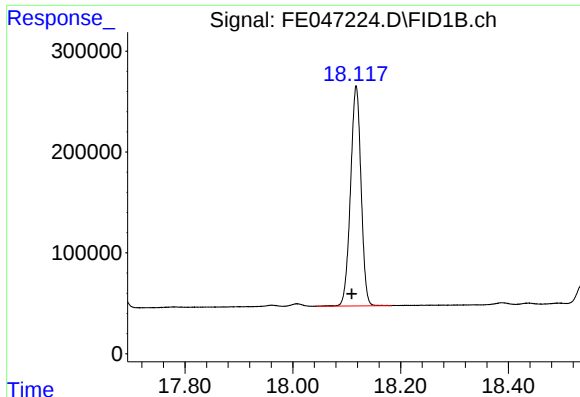
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: 0.005 min
Response: 2850339
Conc: 19.57 ug/ml



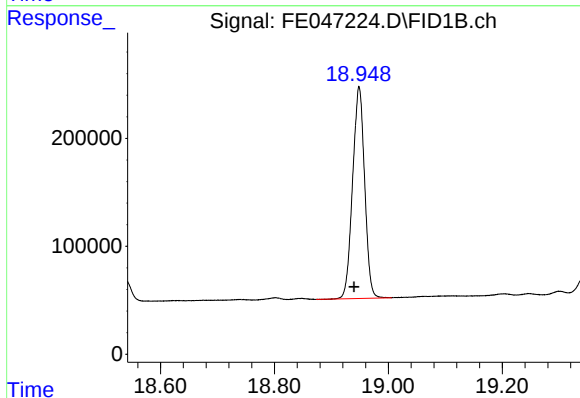
#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.007 min
Response: 2860361
Conc: 20.27 ug/ml



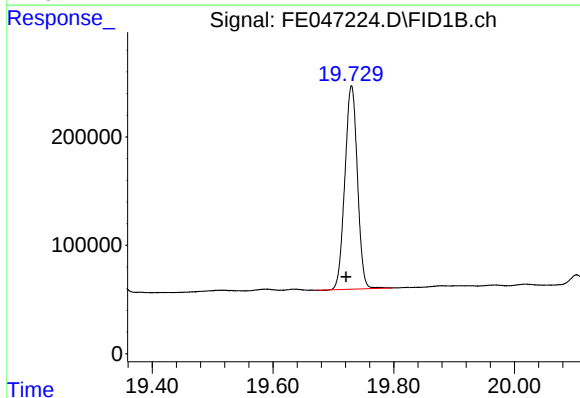
#17 n-Tricontane (C30)

R.T.: 18.118 min
Delta R.T.: 0.008 min
Response: 2953929
Conc: 20.90 ug/ml



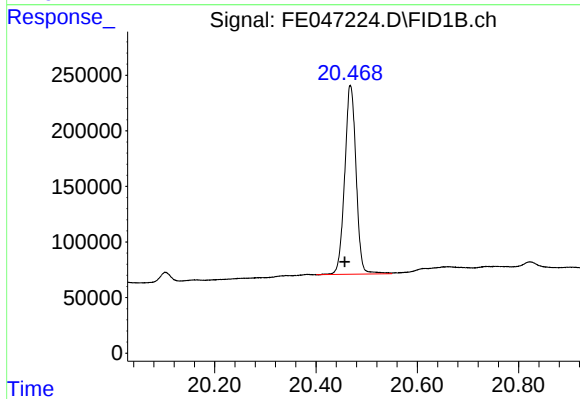
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: 0.009 min
Response: 2876981
Conc: 20.86 ug/ml



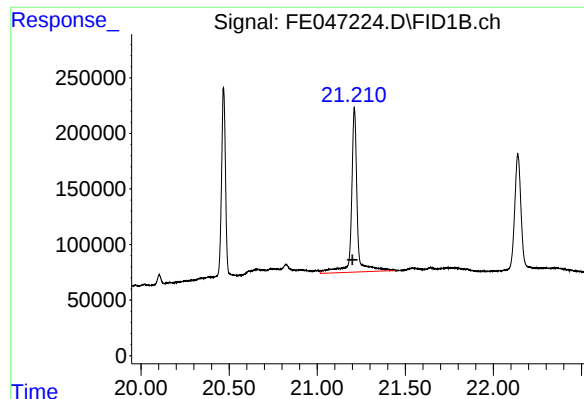
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: 0.009 min
Response: 2705458
Conc: 20.72 ug/ml



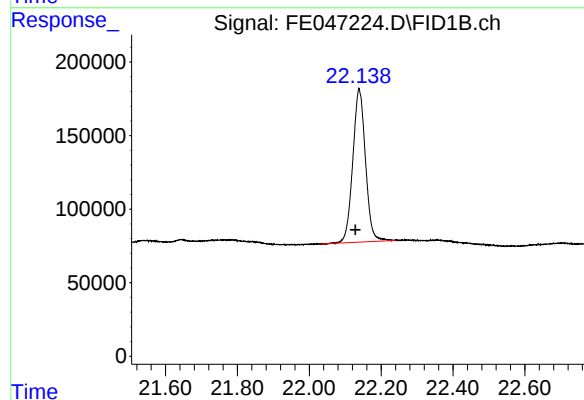
#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: 0.012 min
Response: 2650415
Conc: 21.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: 0.011 min
Response: 3392127
Conc: 27.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: 0.011 min
Response: 2546957
Conc: 21.65 ug/ml