

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032024AL\
 Data File : FE047235.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2024 20:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 03:00:26 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)	11.980	3012226	18.257 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
12) S 1-chlorooctadecane (S...	13.412	2336313	18.324 ug/ml
Spiked Amount 50.000		Recovery =	36.65%
Target Compounds			
1) T n-Nonane (C9)	3.366	2791307	18.566 ug/ml
2) T n-Decane (C10)	4.618	2877719	18.770 ug/ml
3) T A~Naphthalene (C11.7)	6.322	2990495	18.757 ug/ml
4) T n-Dodecane (C12)	6.782	2880965	18.724 ug/ml
5) T A~2-methylnaphthalene...	7.416	2882389	18.781 ug/ml
6) T n-Tetradecane (C14)	8.609	2842521	18.656 ug/ml
7) T n-Hexadecane (C16)	10.217	2917061	18.532 ug/ml
8) T n-Octadecane (C18)	11.659	2929558	18.396 ug/ml
10) T n-Eicosane (C20)	12.967	2812313	18.297 ug/ml
11) T n-Heneicosane (C21)	13.580	2754301	18.203 ug/ml
13) T n-Docosane (C22)	14.165	2770972	18.417 ug/ml
14) T n-Tetracosane (C24)	15.266	2820089	18.884 ug/ml
15) T n-Hexacosane (C26)	16.286	2830174	19.428 ug/ml
16) T n-Octacosane (C28)	17.233	2844861	20.162 ug/ml
17) T n-Tricontane (C30)	18.121	2940457	20.801 ug/ml
18) T n-Dotriacontane (C32)	18.950	2875371	20.850 ug/ml
19) T n-Tetratriacontane (C34)	19.734	2789467	21.366 ug/ml
20) T n-Hexatriacontane (C36)	20.471	2688212	21.579 ug/ml
21) T n-Octatriacontane (C38)	21.214	3782175	30.459 ug/ml
22) T n-Tetracontane (C40)	22.144	2606088	22.157 ug/ml

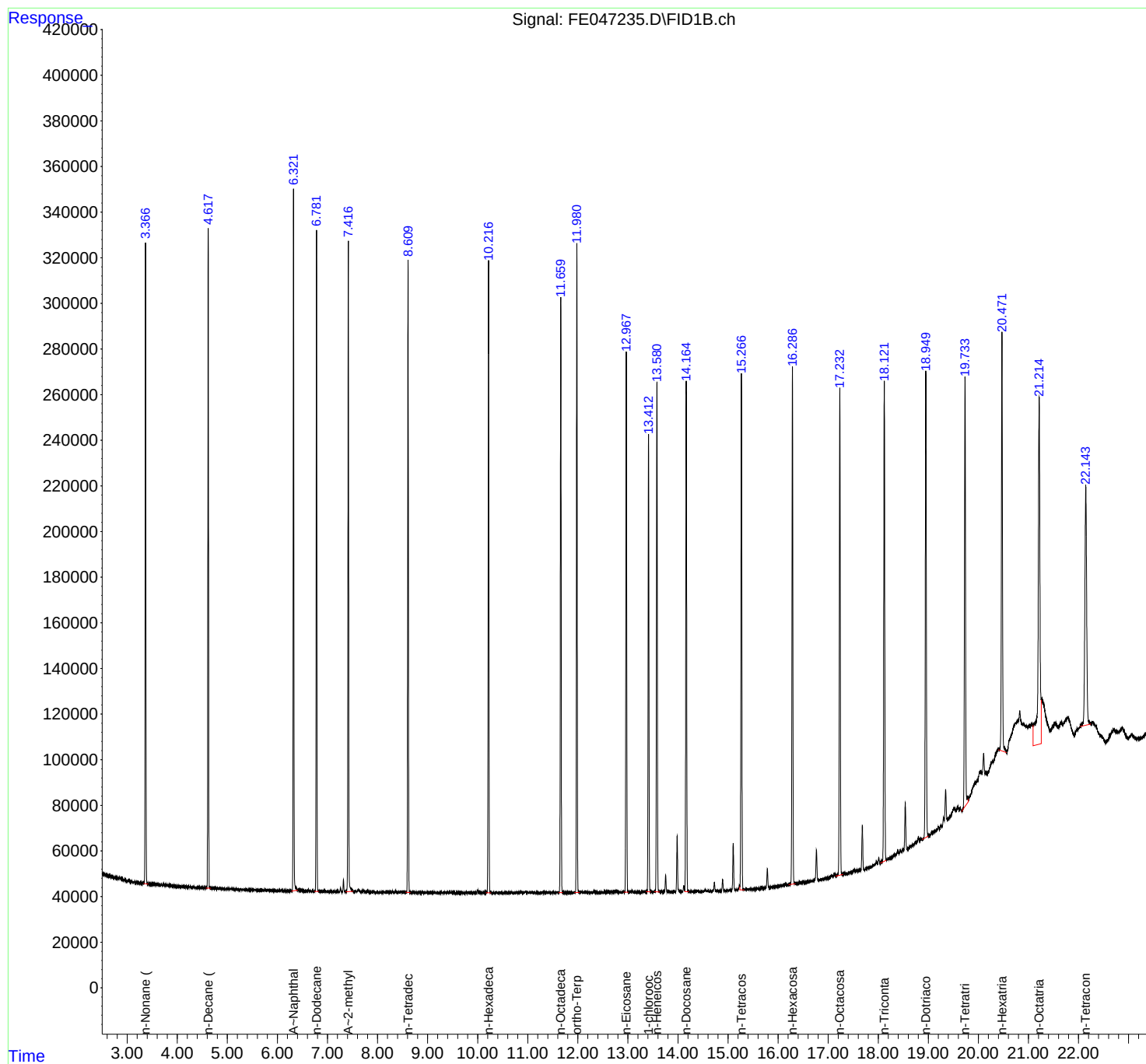
(f)=RT Delta > 1/2 Window

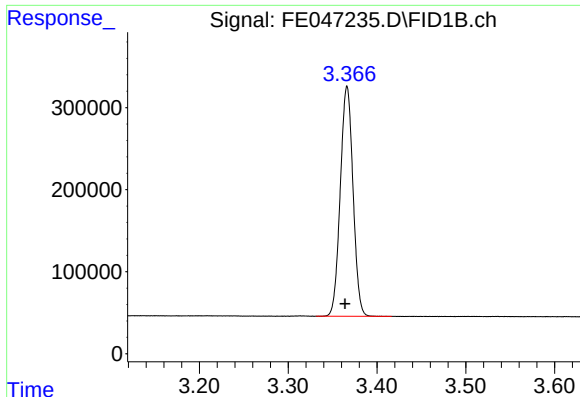
(m)=manual int.

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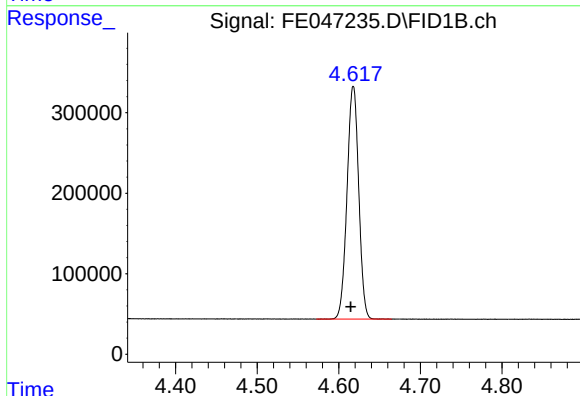
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Signal Info : 20M x 0.18mm x 0.18um





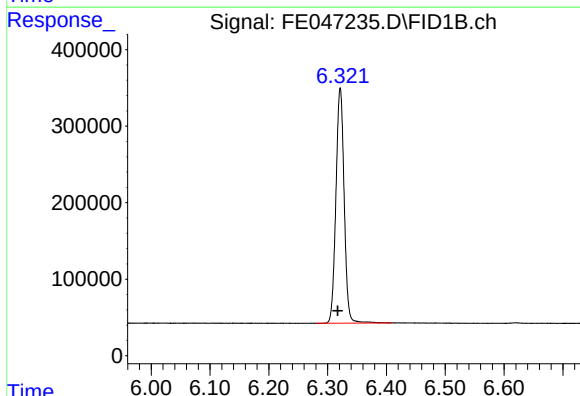
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.002 min
Response: 2791307
Conc: 18.57 ug/ml



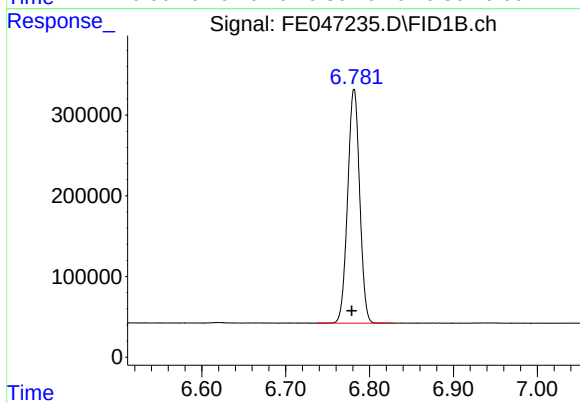
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.003 min
Response: 2877719
Conc: 18.77 ug/ml



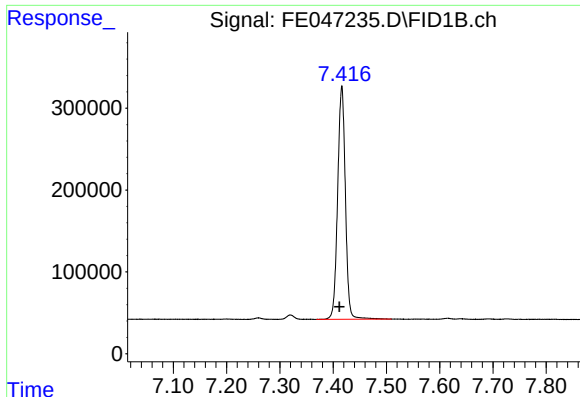
#3 A~Naphthalene (C11.7)

R.T.: 6.322 min
Delta R.T.: 0.004 min
Response: 2990495
Conc: 18.76 ug/ml



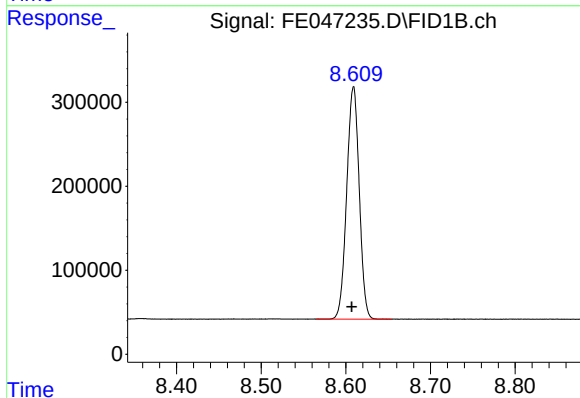
#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 2880965
Conc: 18.72 ug/ml



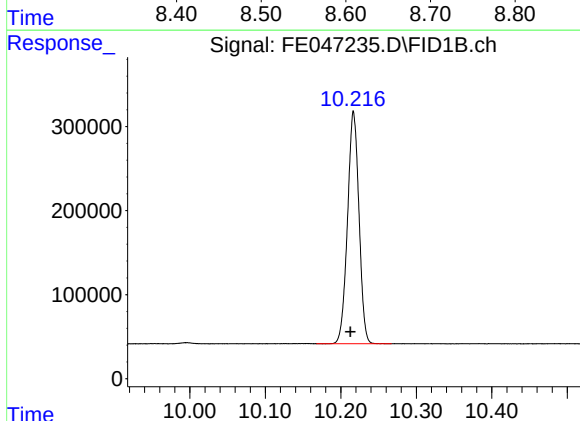
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.416 min
Delta R.T.: 0.004 min
Response: 2882389
Conc: 18.78 ug/ml



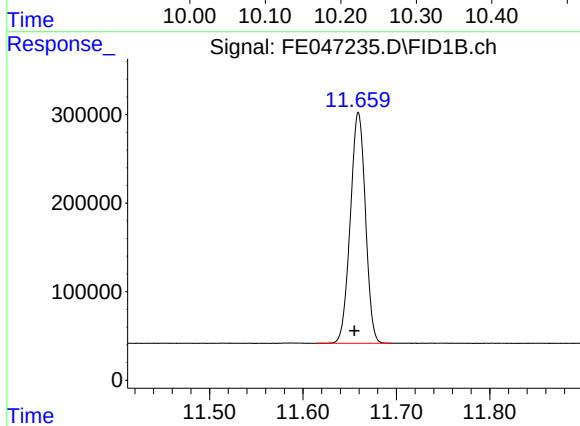
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: 0.002 min
Response: 2842521
Conc: 18.66 ug/ml



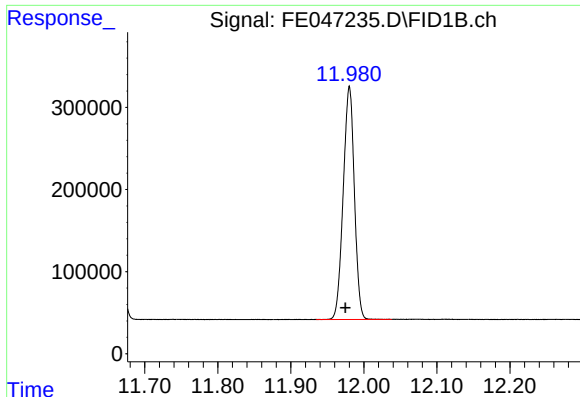
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: 0.004 min
Response: 2917061
Conc: 18.53 ug/ml



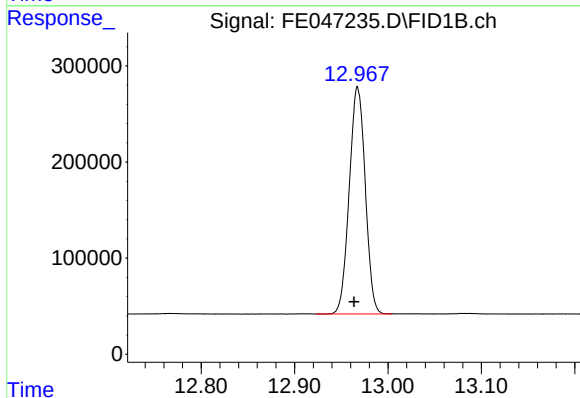
#8 n-Octadecane (C18)

R.T.: 11.659 min
Delta R.T.: 0.004 min
Response: 2929558
Conc: 18.40 ug/ml



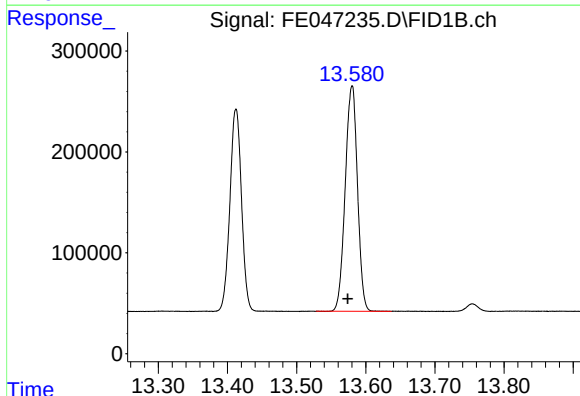
#9 ortho-Terphenyl (SURR)

R.T.: 11.980 min
Delta R.T.: 0.005 min
Response: 3012226
Conc: 18.26 ug/ml



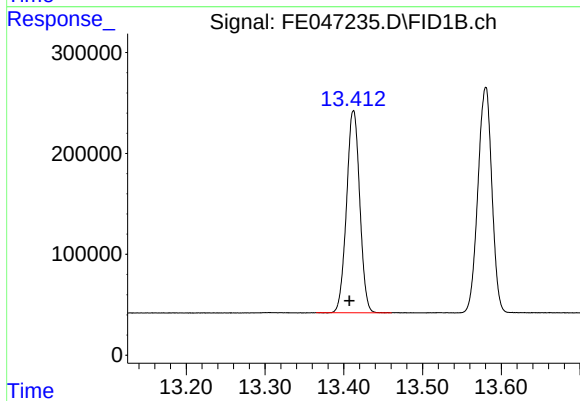
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.004 min
Response: 2812313
Conc: 18.30 ug/ml



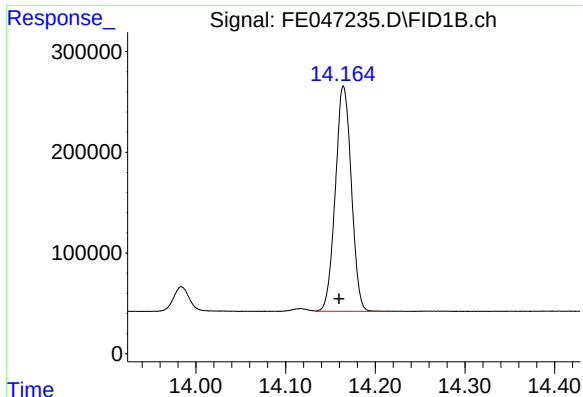
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.007 min
Response: 2754301
Conc: 18.20 ug/ml



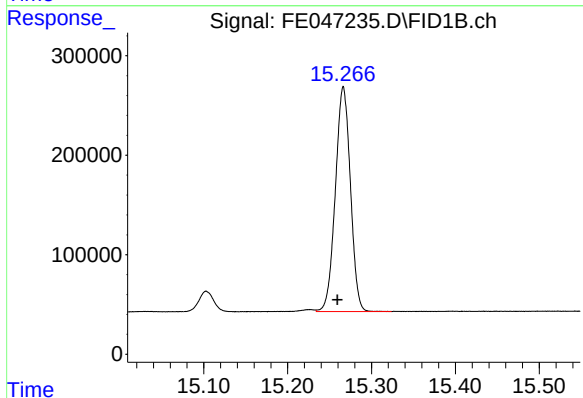
#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: 0.005 min
Response: 2336313
Conc: 18.32 ug/ml



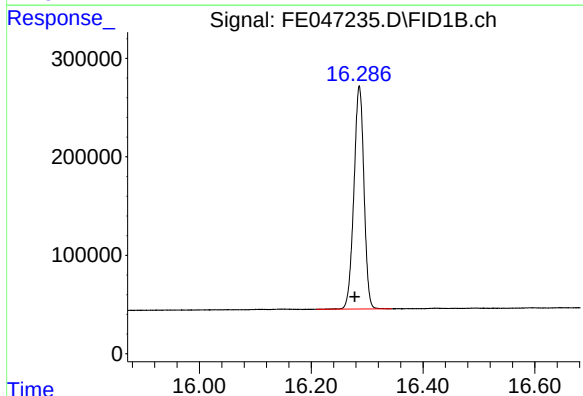
#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: 0.005 min
Response: 2770972
Conc: 18.42 ug/ml



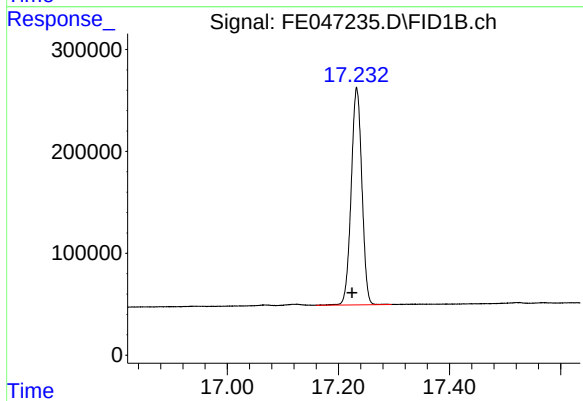
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: 0.007 min
Response: 2820089
Conc: 18.88 ug/ml



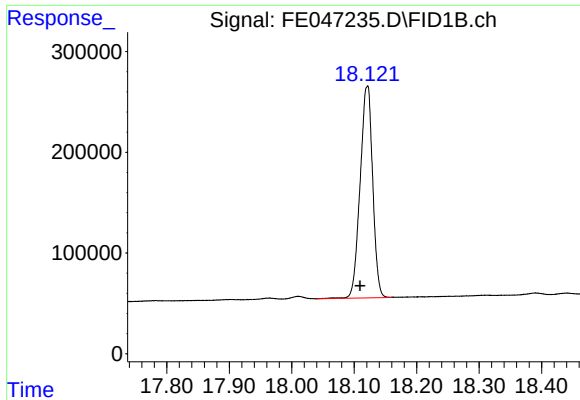
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.008 min
Response: 2830174
Conc: 19.43 ug/ml



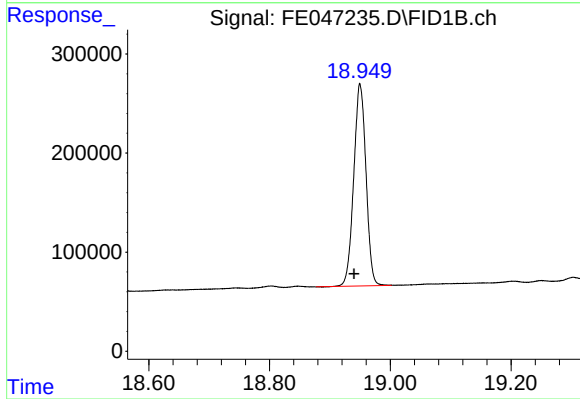
#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.009 min
Response: 2844861
Conc: 20.16 ug/ml



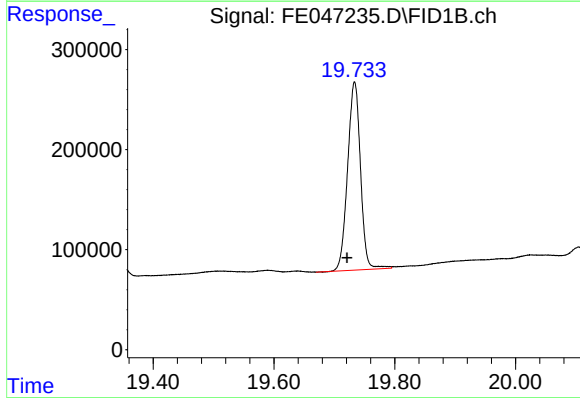
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.012 min
Response: 2940457
Conc: 20.80 ug/ml



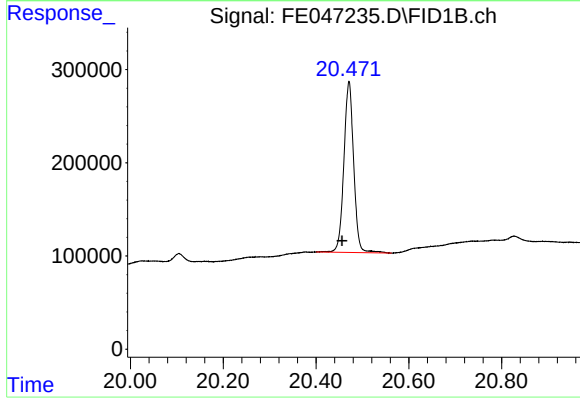
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: 0.010 min
Response: 2875371
Conc: 20.85 ug/ml



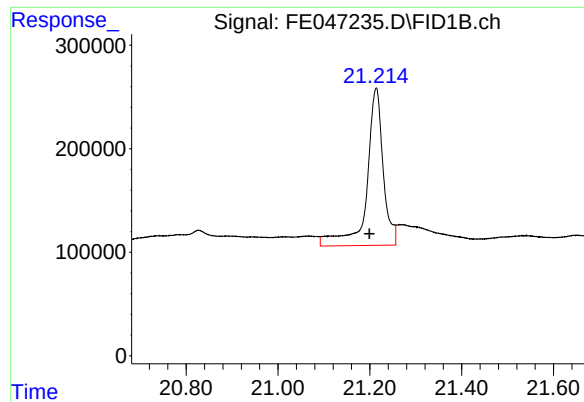
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: 0.012 min
Response: 2789467
Conc: 21.37 ug/ml



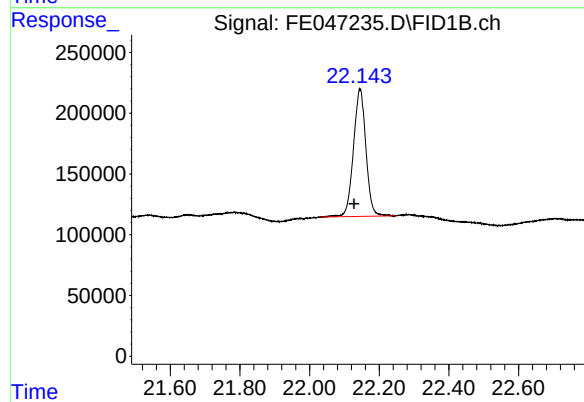
#20 n-Hexatriacontane (C36)

R.T.: 20.471 min
Delta R.T.: 0.015 min
Response: 2688212
Conc: 21.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.015 min
Response: 3782175
Conc: 30.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: 0.016 min
Response: 2606088
Conc: 22.16 ug/ml