

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062224AL\
 Data File : FE048842.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2024 22:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 22 00:44:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.934	2759817	16.505 ug/ml
Spiked Amount 50.000		Recovery =	33.01%
12) S 1-chlorooctadecane (S...	13.367	2118654	16.476 ug/ml
Spiked Amount 50.000		Recovery =	32.95%
Target Compounds			
1) T n-Nonane (C9)	3.324	2284970	15.198 ug/ml
2) T n-Decane (C10)	4.573	2490169	16.181 ug/ml
3) T A~Naphthalene (C11.7)	6.277	2552292	16.077 ug/ml
4) T n-Dodecane (C12)	6.737	2525901	16.362 ug/ml
5) T A~2-methylnaphthalene...	7.373	2451564	16.189 ug/ml
6) T n-Tetradecane (C14)	8.565	2559497	16.700 ug/ml
7) T n-Hexadecane (C16)	10.172	2644546	16.913 ug/ml
8) T n-Octadecane (C18)	11.614	2691152	16.874 ug/ml
10) T n-Eicosane (C20)	12.923	2601203	16.778 ug/ml
11) T n-Heneicosane (C21)	13.535	2530730	16.621 ug/ml
13) T n-Docosane (C22)	14.121	2559340	16.923 ug/ml
14) T n-Tetracosane (C24)	15.222	2619184	17.429 ug/ml
15) T n-Hexacosane (C26)	16.243	2646151	17.924 ug/ml
16) T n-Octacosane (C28)	17.192	2796137	19.389 ug/ml
17) T n-Tricontane (C30)	18.079	3157932	21.585 ug/ml
18) T n-Dotriacontane (C32)	18.910	3214891	22.485 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2828524	20.442 ug/ml
20) T n-Hexatriacontane (C36)	20.431	2522805	19.411 ug/ml
21) T n-Octatriacontane (C38)	21.166	2328607	18.164 ug/ml
22) T n-Tetracontane (C40)	22.078	2396540	19.570 ug/ml

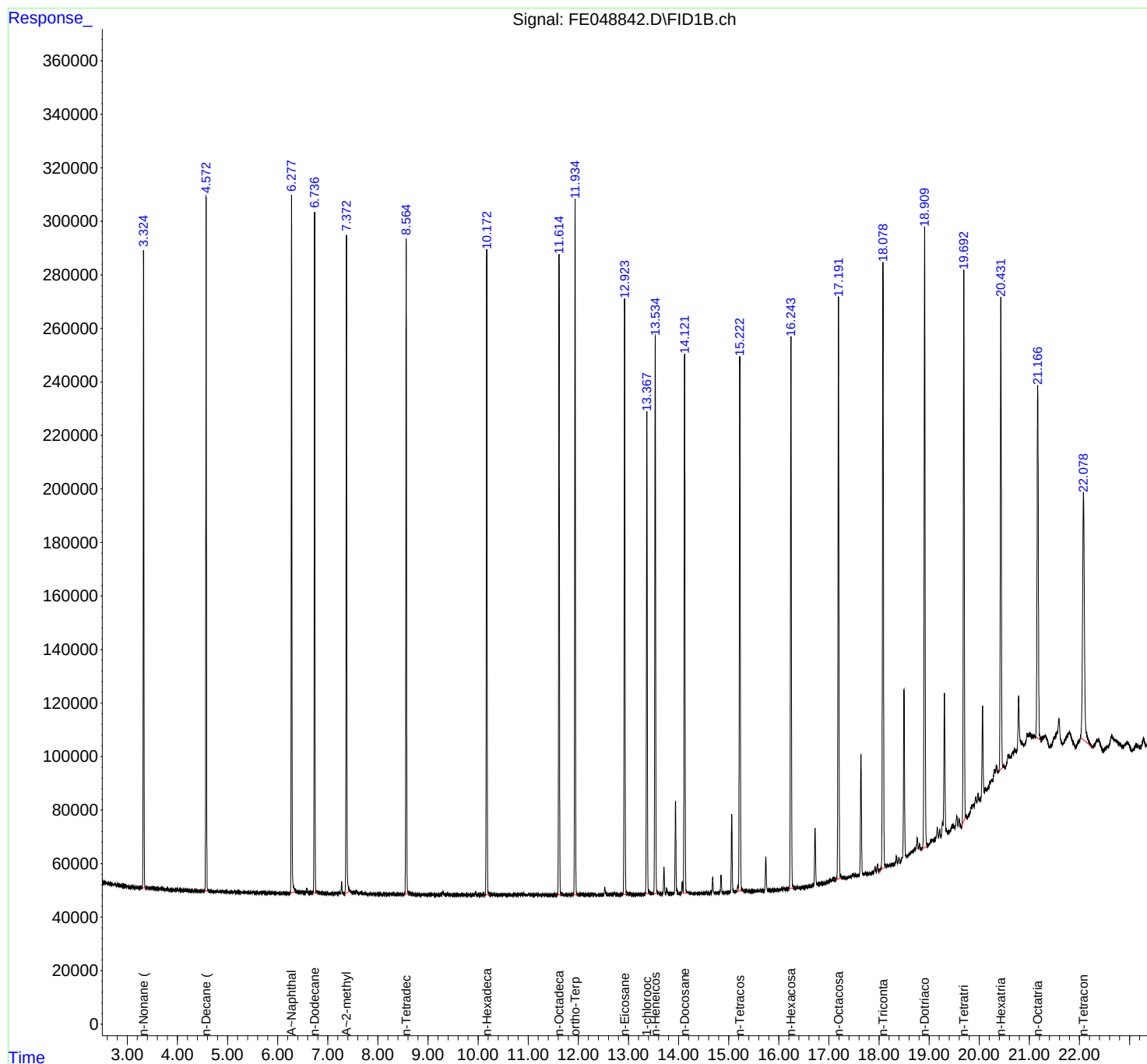
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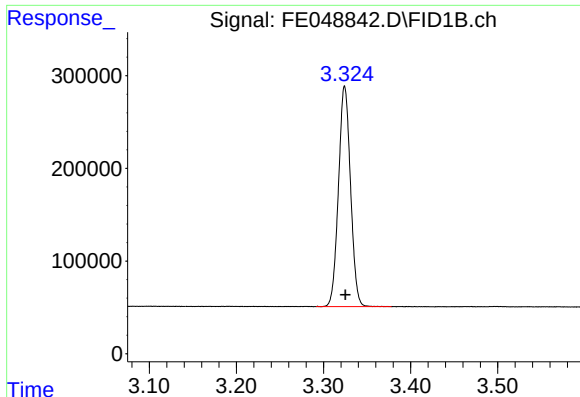
(m)=manual int.

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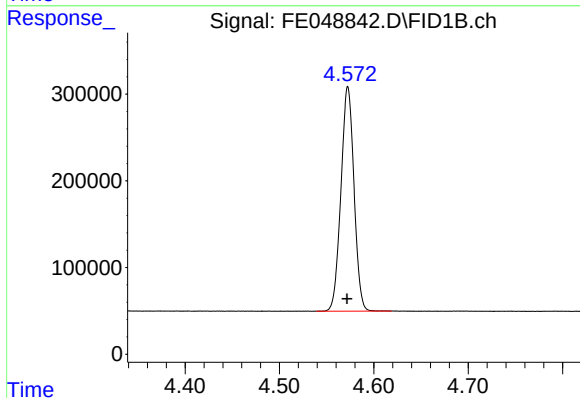
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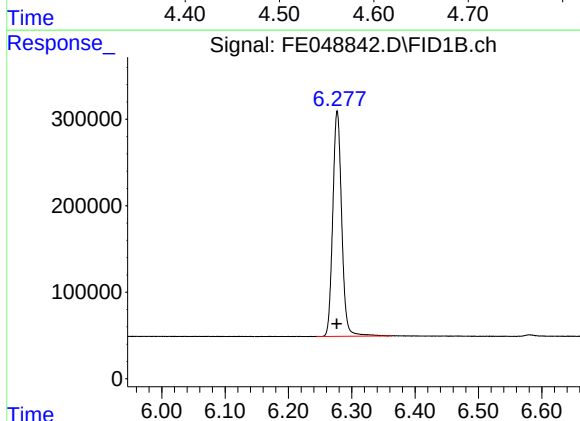
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 2284970
Conc: 15.20 ug/ml



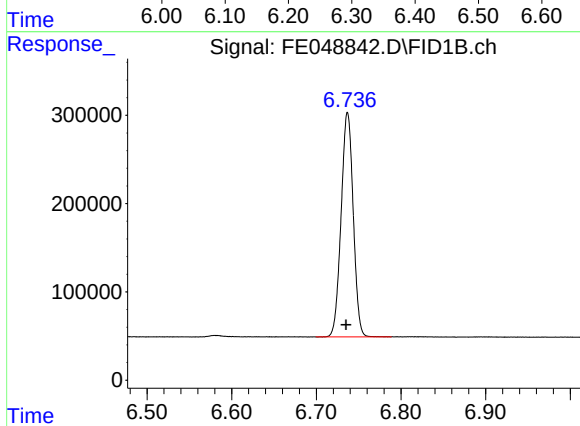
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 2490169
Conc: 16.18 ug/ml



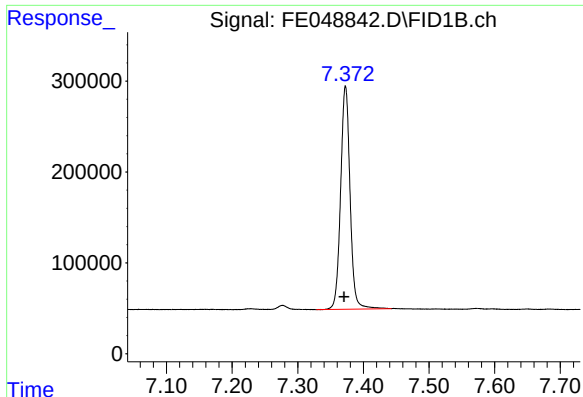
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 2552292
Conc: 16.08 ug/ml



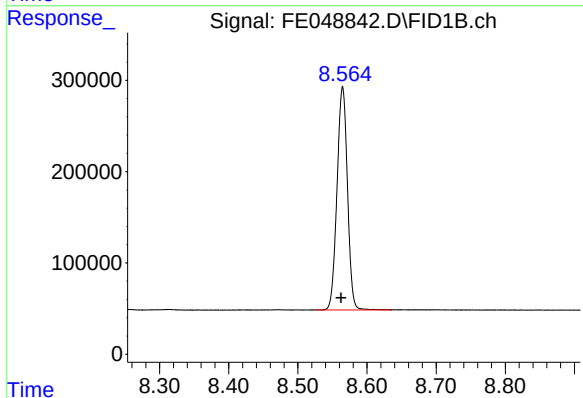
#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: 0.002 min
Response: 2525901
Conc: 16.36 ug/ml



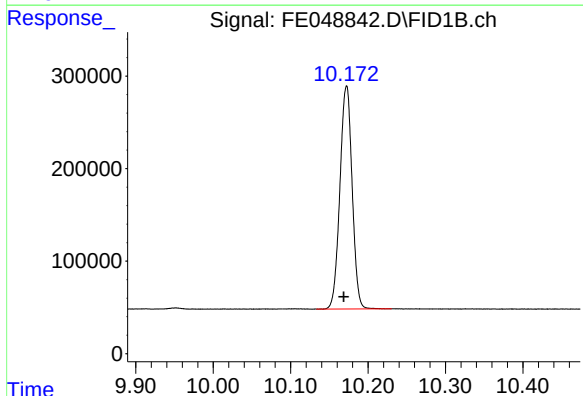
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.002 min
Response: 2451564
Conc: 16.19 ug/ml



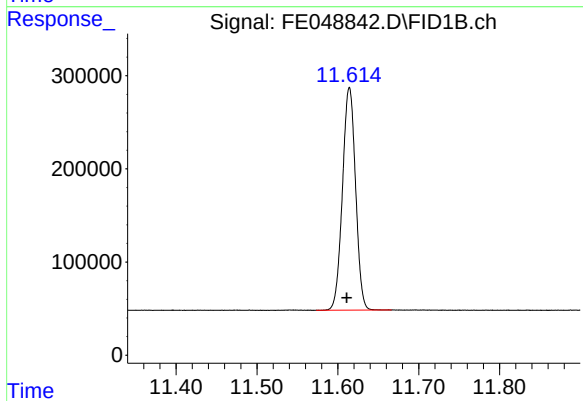
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.002 min
Response: 2559497
Conc: 16.70 ug/ml



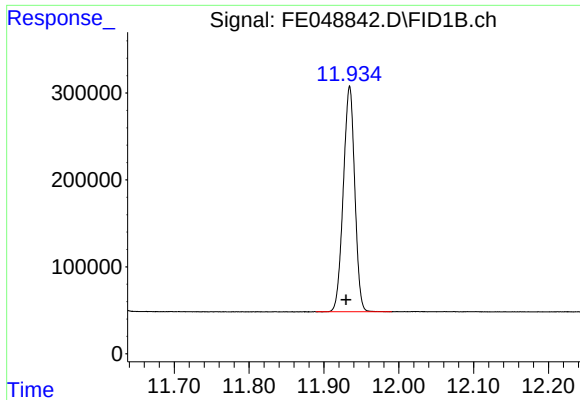
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: 0.004 min
Response: 2644546
Conc: 16.91 ug/ml



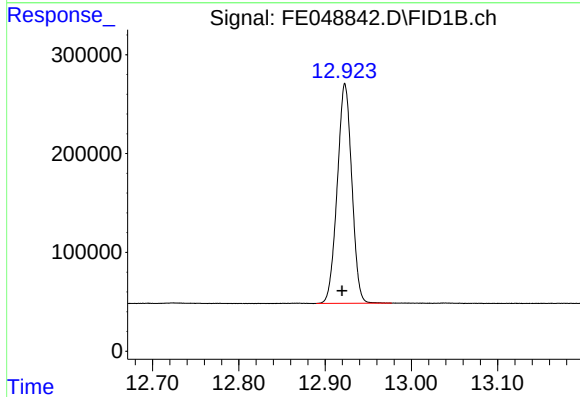
#8 n-Octadecane (C18)

R.T.: 11.614 min
Delta R.T.: 0.003 min
Response: 2691152
Conc: 16.87 ug/ml



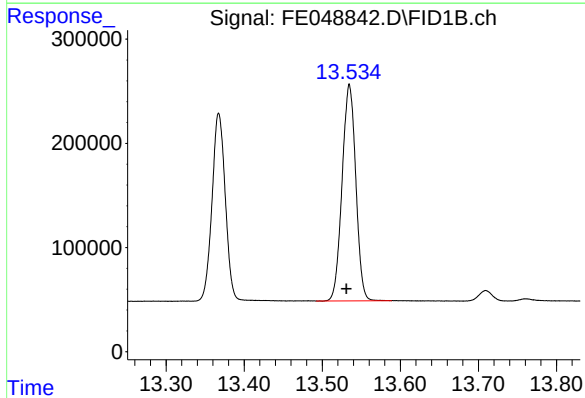
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.005 min
Response: 2759817
Conc: 16.51 ug/ml



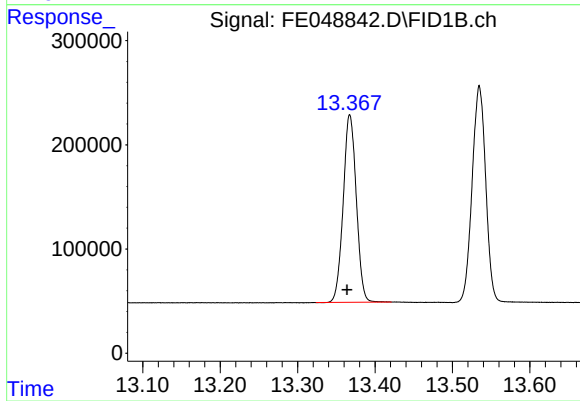
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.003 min
Response: 2601203
Conc: 16.78 ug/ml



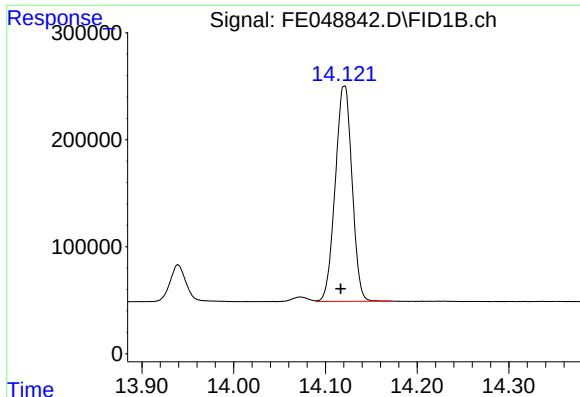
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.004 min
Response: 2530730
Conc: 16.62 ug/ml



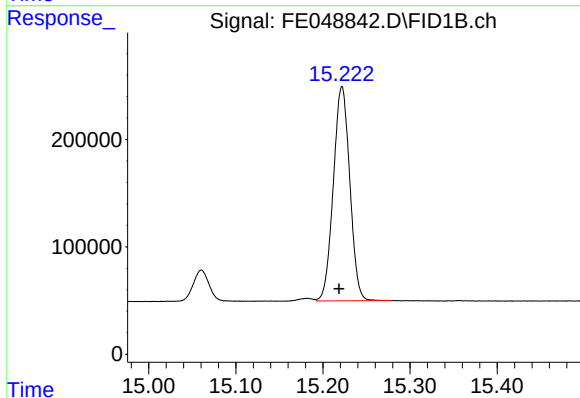
#12 1-chlorooctadecane (SURR)

R.T.: 13.367 min
Delta R.T.: 0.004 min
Response: 2118654
Conc: 16.48 ug/ml



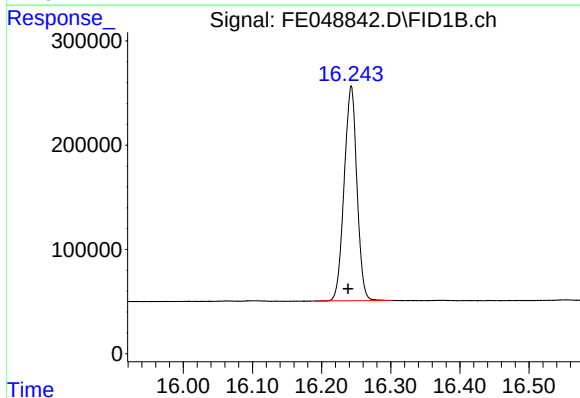
#13 n-Docosane (C22)

R.T.: 14.121 min
Delta R.T.: 0.004 min
Response: 2559340
Conc: 16.92 ug/ml



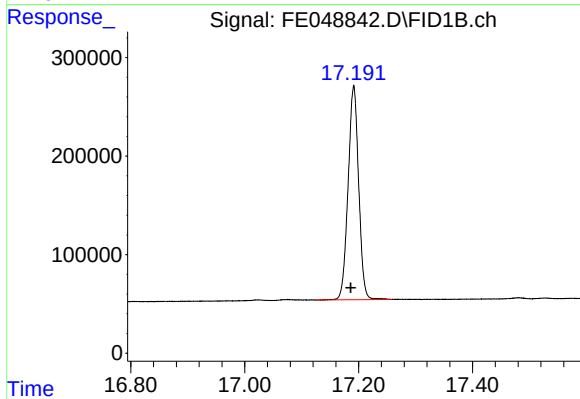
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: 0.003 min
Response: 2619184
Conc: 17.43 ug/ml



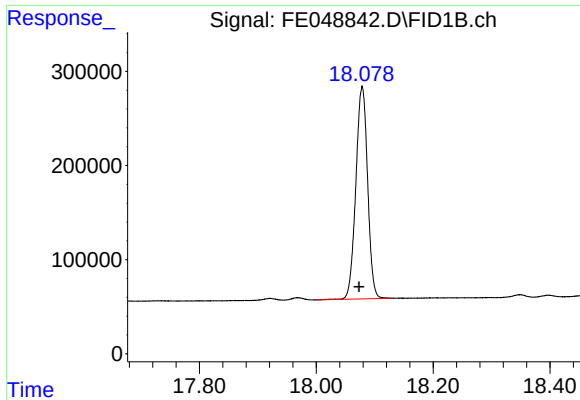
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.005 min
Response: 2646151
Conc: 17.92 ug/ml



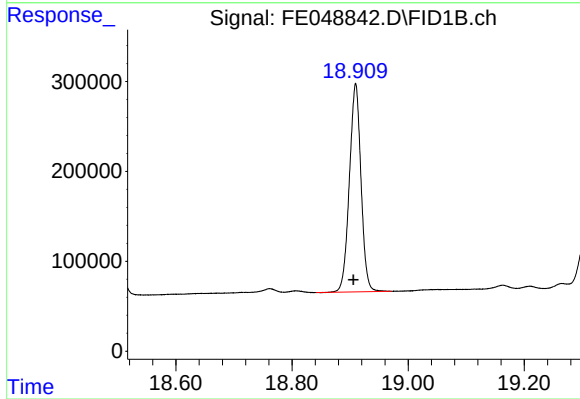
#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: 0.005 min
Response: 2796137
Conc: 19.39 ug/ml



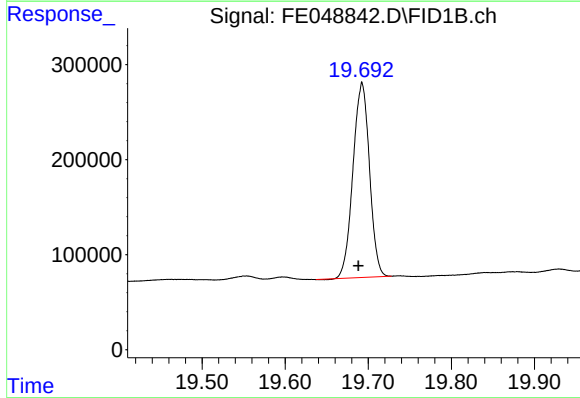
#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: 0.005 min
Response: 3157932
Conc: 21.59 ug/ml



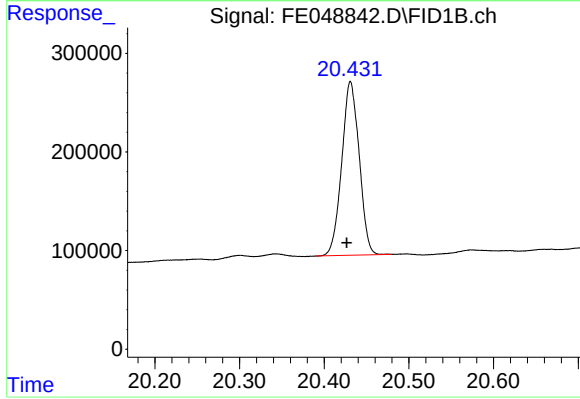
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.004 min
Response: 3214891
Conc: 22.48 ug/ml



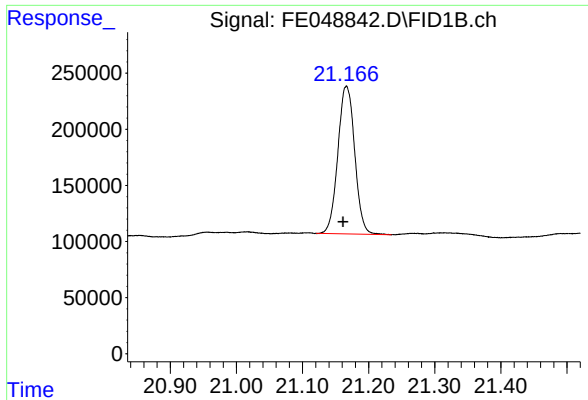
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.005 min
Response: 2828524
Conc: 20.44 ug/ml



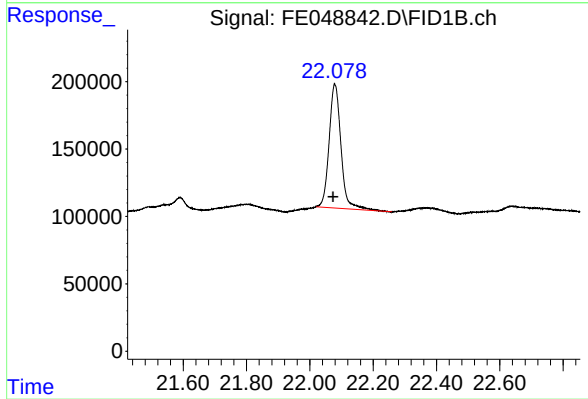
#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: 0.005 min
Response: 2522805
Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.166 min
Delta R.T.: 0.005 min
Response: 2328607
Conc: 18.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: 0.004 min
Response: 2396540
Conc: 19.57 ug/ml