

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010424AL\
 Data File : FE046088.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jan 2024 19:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 04 23:28:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 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)	11.836	3510802	19.319 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
12) S 1-chlorooctadecane (S...	13.279	2608380	19.522 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.221	2859202	18.682 ug/ml
2) T n-Decane (C10)	4.472	2923454	18.837 ug/ml
3) T A~Naphthalene (C11.7)	6.175	3132117	18.833 ug/ml
4) T n-Dodecane (C12)	6.640	2955282	18.928 ug/ml
5) T A~2-methylnaphthalene...	7.271	3032079	19.044 ug/ml
6) T n-Tetradecane (C14)	8.466	2958986	18.996 ug/ml
7) T n-Hexadecane (C16)	10.076	3034832	19.164 ug/ml
8) T n-Octadecane (C18)	11.522	3045961	19.353 ug/ml
10) T n-Eicosane (C20)	12.834	2964587	19.597 ug/ml
11) T n-Heneicosane (C21)	13.447	2869370	19.513 ug/ml
13) T n-Docosane (C22)	14.035	2909489	19.905 ug/ml
14) T n-Tetracosane (C24)	15.141	2983680	20.572 ug/ml
15) T n-Hexacosane (C26)	16.165	3018268	21.053 ug/ml
16) T n-Octacosane (C28)	17.118	3083706	21.501 ug/ml
17) T n-Tricontane (C30)	18.008	3163007	21.280 ug/mlm
18) T n-Dotriacontane (C32)	18.845	3128456	20.917 ug/ml
19) T n-Tetratriacontane (C34)	19.631	3135100	21.885 ug/ml
20) T n-Hexatriacontane (C36)	20.375	2750073	18.862 ug/mlm
21) T n-Octatriacontane (C38)	21.110	3024053	20.508 ug/ml
22) T n-Tetracontane (C40)	22.011	2609822	16.673 ug/mlm

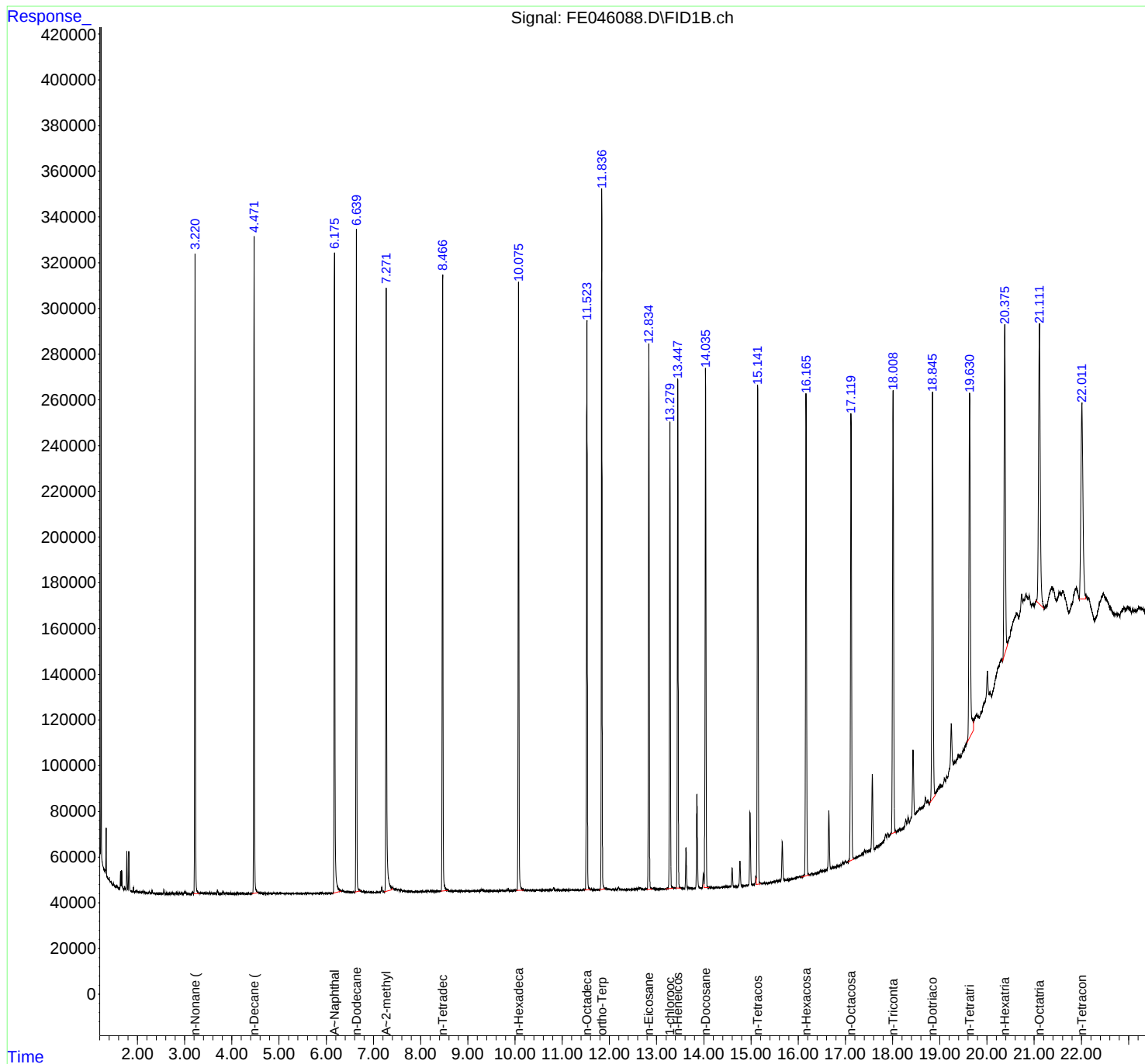
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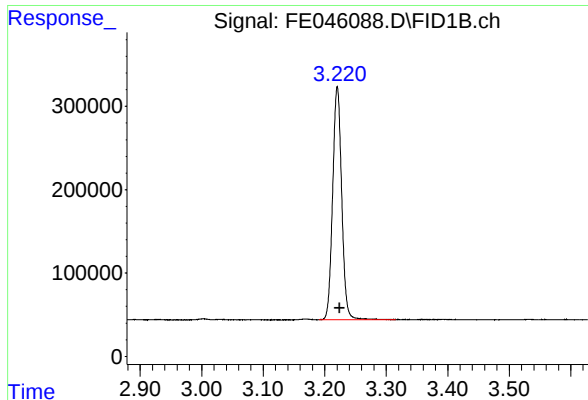
(m)=manual int.

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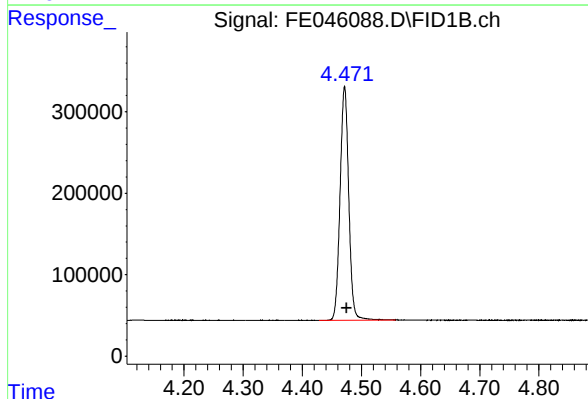
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





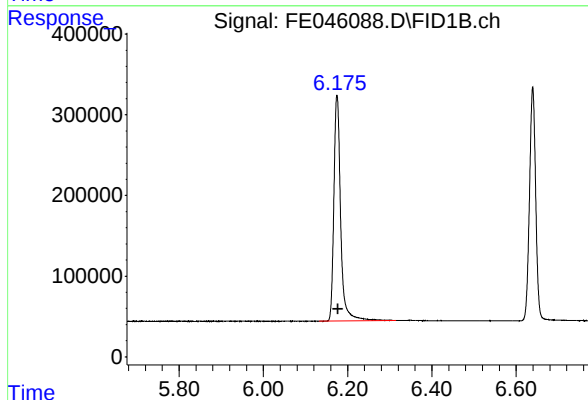
#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.003 min
Response: 2859202
Conc: 18.68 ug/ml



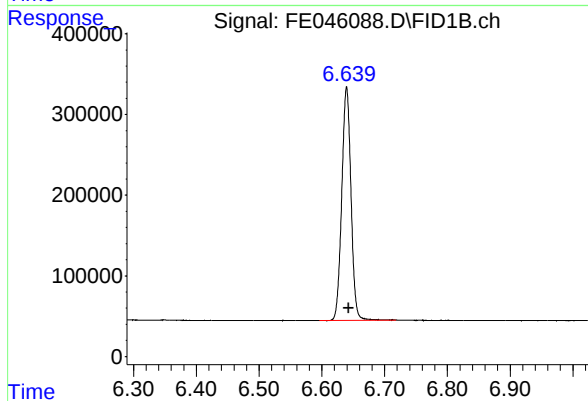
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.003 min
Response: 2923454
Conc: 18.84 ug/ml



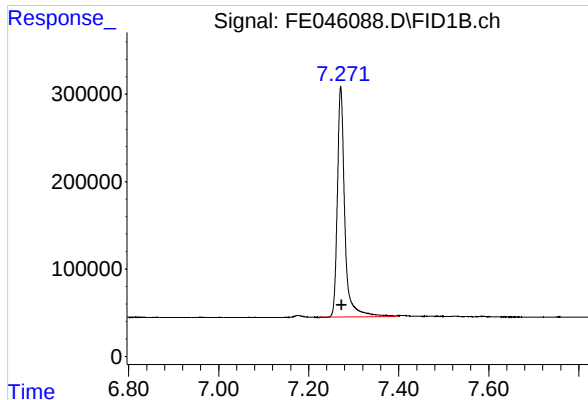
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 3132117
Conc: 18.83 ug/ml



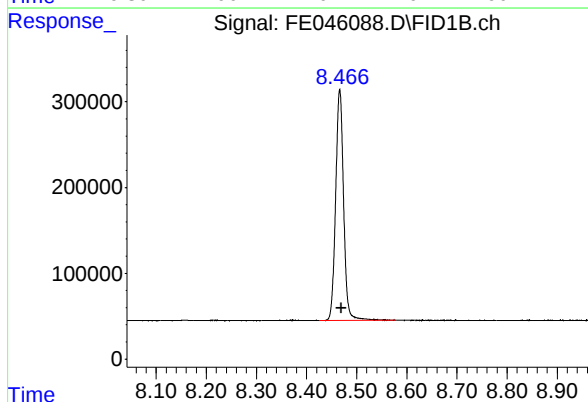
#4 n-Dodecane (C12)

R.T.: 6.640 min
Delta R.T.: -0.003 min
Response: 2955282
Conc: 18.93 ug/ml



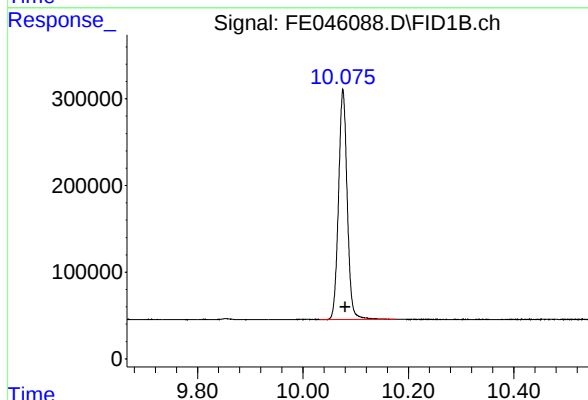
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.271 min
Delta R.T.: -0.003 min
Response: 3032079
Conc: 19.04 ug/ml



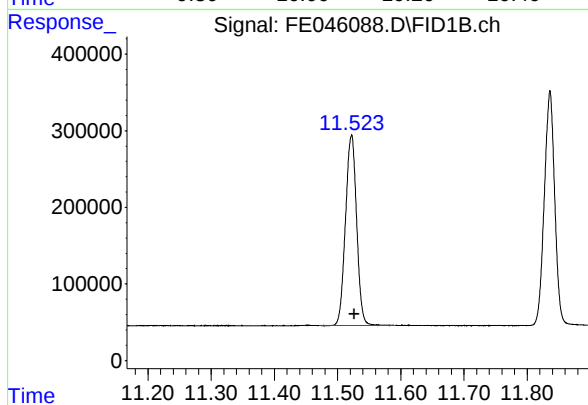
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.004 min
Response: 2958986
Conc: 19.00 ug/ml



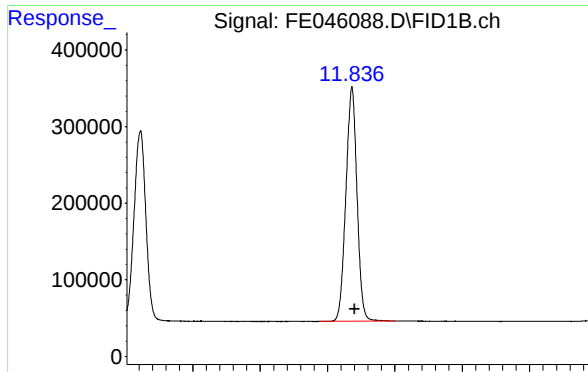
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.005 min
Response: 3034832
Conc: 19.16 ug/ml



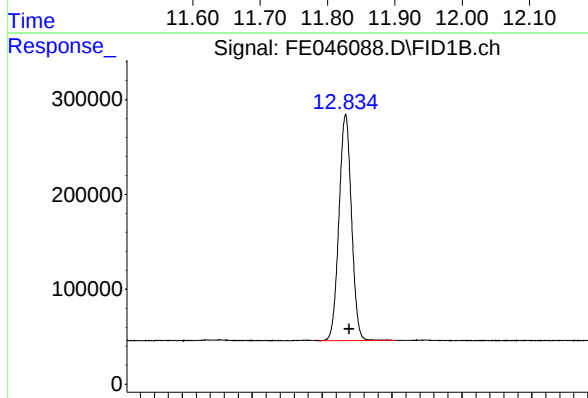
#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.005 min
Response: 3045961
Conc: 19.35 ug/ml



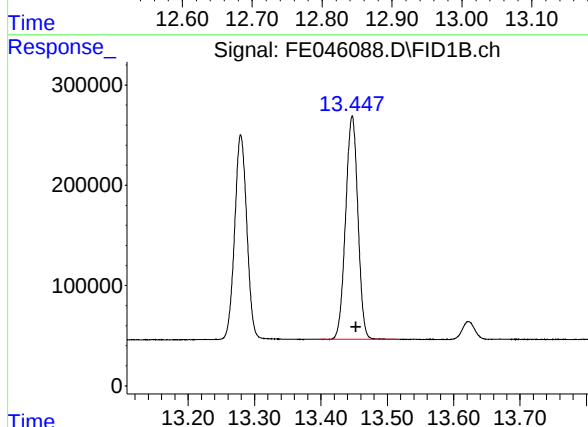
#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.004 min
Response: 3510802
Conc: 19.32 ug/ml



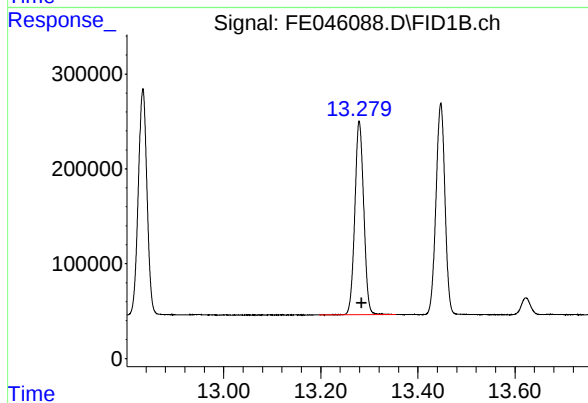
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: -0.005 min
Response: 2964587
Conc: 19.60 ug/ml



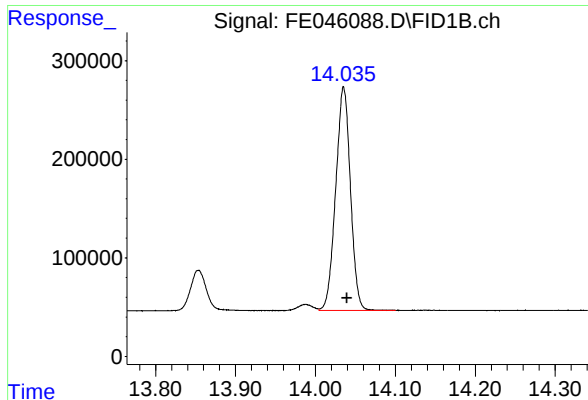
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.005 min
Response: 2869370
Conc: 19.51 ug/ml



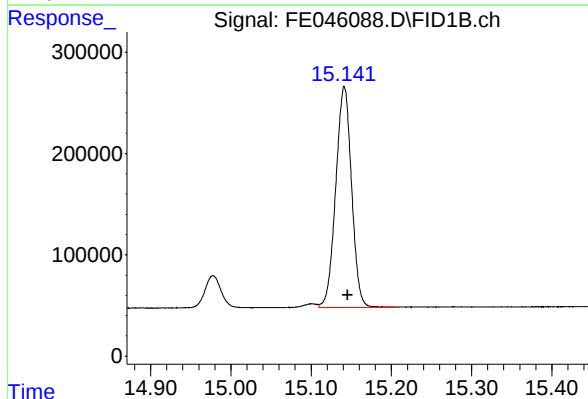
#12 1-chlorooctadecane (SURR)

R.T.: 13.279 min
Delta R.T.: -0.005 min
Response: 2608380
Conc: 19.52 ug/ml



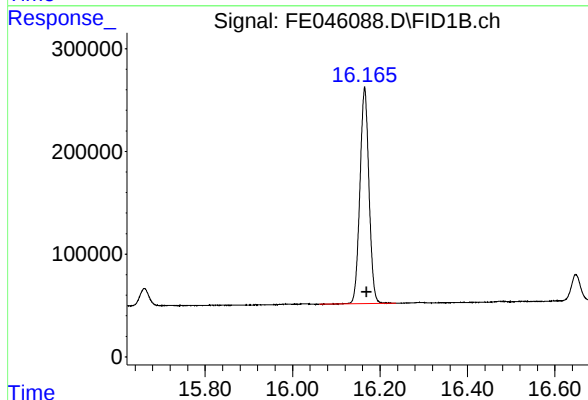
#13 n-Docosane (C22)

R.T.: 14.035 min
Delta R.T.: -0.004 min
Response: 2909489
Conc: 19.90 ug/ml



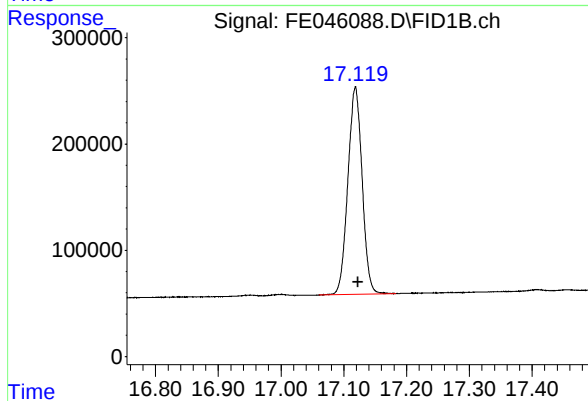
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.004 min
Response: 2983680
Conc: 20.57 ug/ml



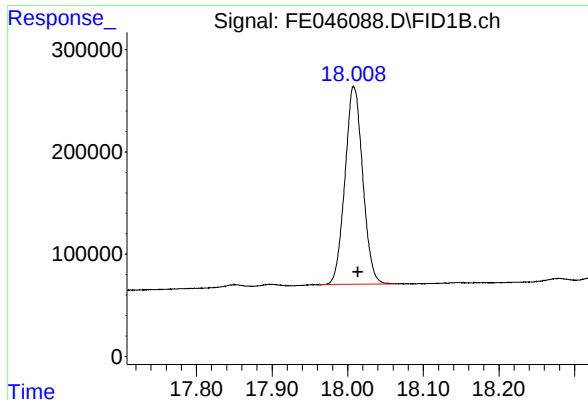
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.005 min
Response: 3018268
Conc: 21.05 ug/ml



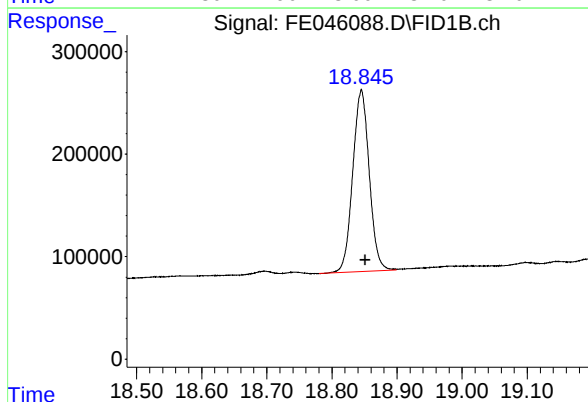
#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: -0.004 min
Response: 3083706
Conc: 21.50 ug/ml



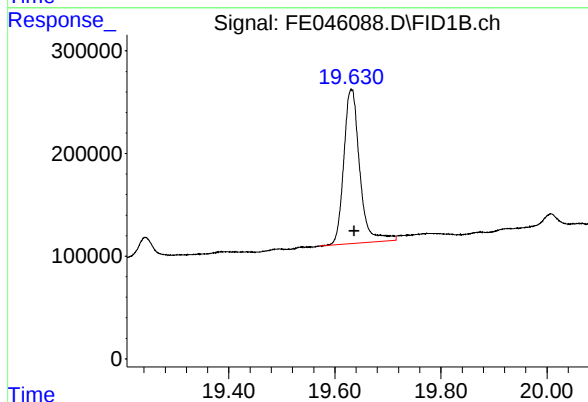
#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.006 min
Response: 3163007
Conc: 21.28 ug/ml m



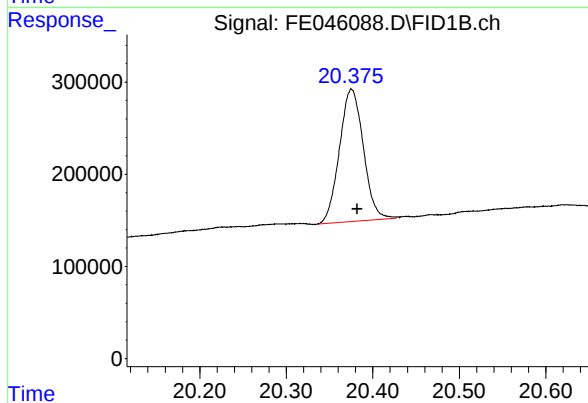
#18 n-Dotriacontane (C32)

R.T.: 18.845 min
Delta R.T.: -0.006 min
Response: 3128456
Conc: 20.92 ug/ml



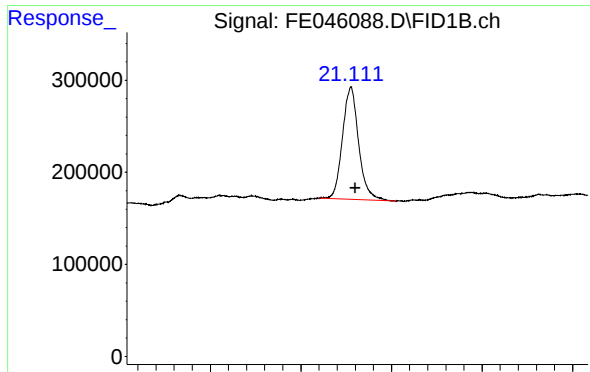
#19 n-Tetatriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.005 min
Response: 3135100
Conc: 21.88 ug/ml



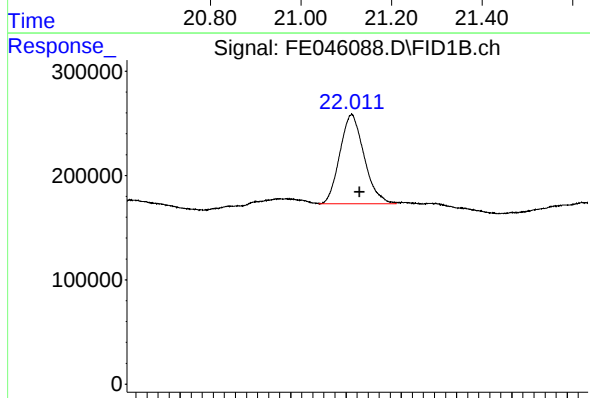
#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: -0.008 min
Response: 2750073
Conc: 18.86 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.009 min
Response: 3024053
Conc: 20.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.011 min
Delta R.T.: -0.014 min
Response: 2609822
Conc: 16.67 ug/ml m