

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022523AL\
 Data File : FE040562.D
 Signal(s) : FID1B.ch
 Acq On : 25 Feb 2023 05:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 05:58:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022523.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 25 05:09:21 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)	11.876	3485585	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.315	2587196	19.952 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
Target Compounds			
1) T n-Nonane (C9)	3.275	2955169	20.331 ug/ml
2) T n-Decane (C10)	4.523	2860883	20.303 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3178465	20.605 ug/ml
4) T n-Dodecane (C12)	6.687	2913457	20.402 ug/ml
5) T A~2-methylnaphthalene...	7.320	2934708	20.915 ug/ml
6) T n-Tetradecane (C14)	8.513	2931715	20.267 ug/ml
7) T n-Hexadecane (C16)	10.119	3034892	20.212 ug/ml
8) T n-Octadecane (C18)	11.562	3129052	19.994 ug/ml
10) T n-Eicosane (C20)	12.869	3086227	19.921 ug/ml
11) T n-Heneicosane (C21)	13.481	3128417	19.987 ug/ml
13) T n-Docosane (C22)	14.068	3083784	19.802 ug/ml
14) T n-Tetracosane (C24)	15.172	3037762	19.661 ug/ml
15) T n-Hexacosane (C26)	16.192	2939045	19.509 ug/ml
16) T n-Octacosane (C28)	17.142	2840337	19.204 ug/ml
17) T n-Tricontane (C30)	18.029	2735730	19.080 ug/ml
18) T n-Dotriacontane (C32)	18.864	2683883	18.976 ug/ml
19) T n-Tetratriacontane (C34)	19.648	2641522	18.988 ug/ml
20) T n-Hexatriacontane (C36)	20.389	2521943	18.306 ug/ml
21) T n-Octatriacontane (C38)	21.118	2493987	18.609 ug/ml
22) T n-Tetracontane (C40)	22.010	2446277	17.841 ug/ml

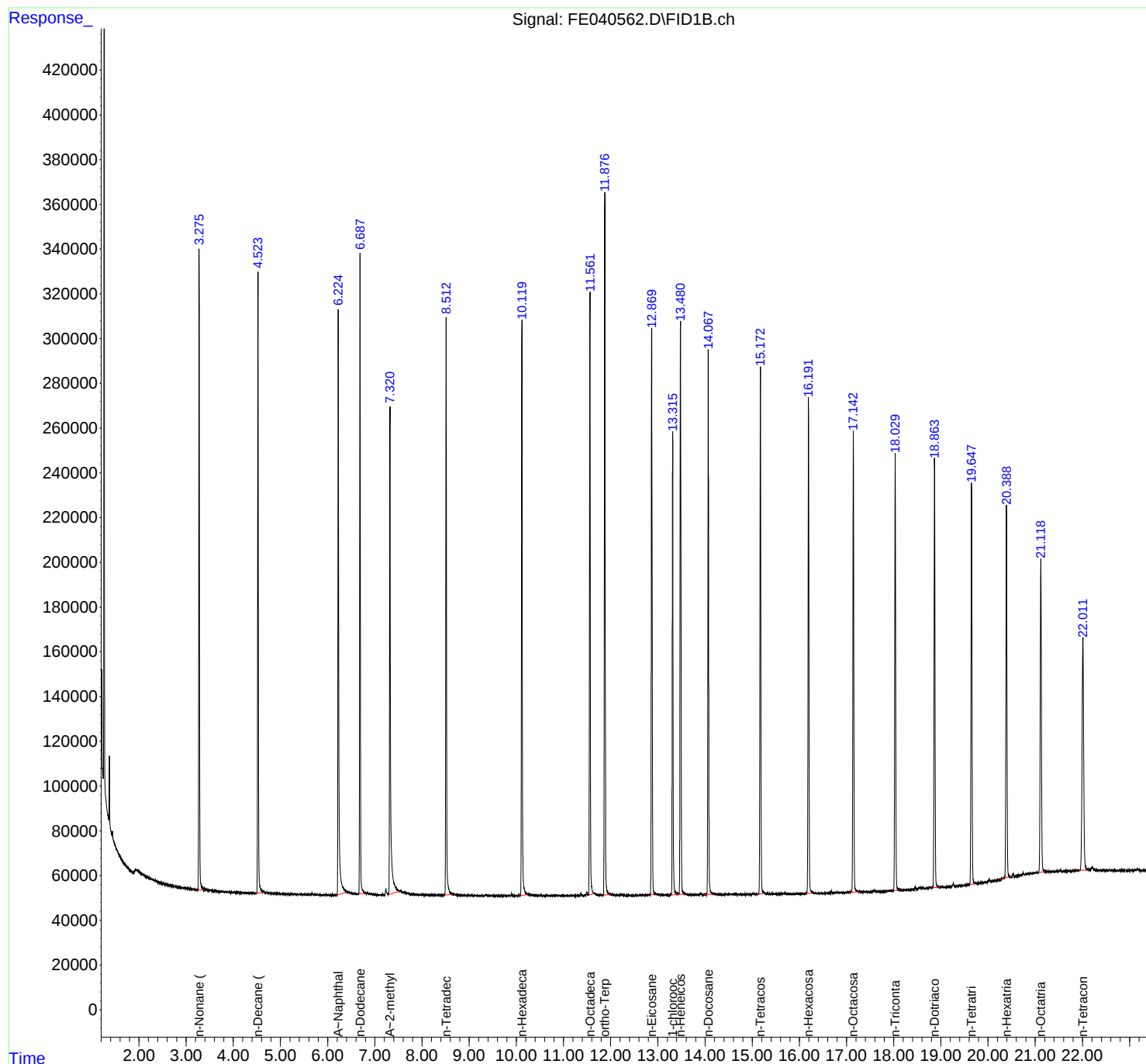
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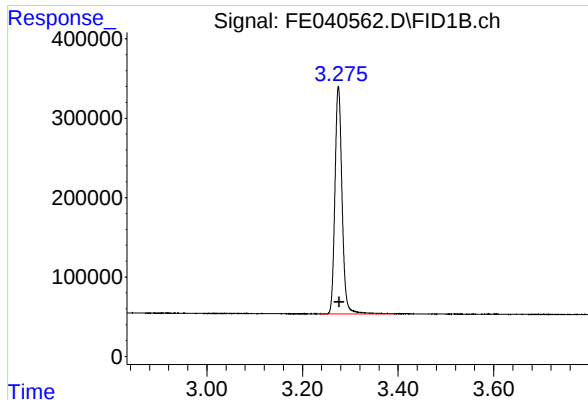
(m)=manual int.

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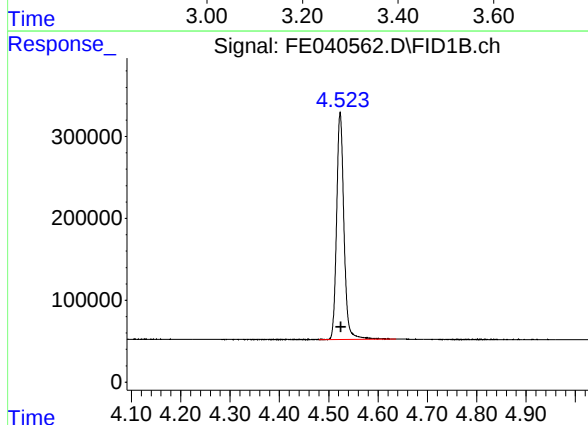
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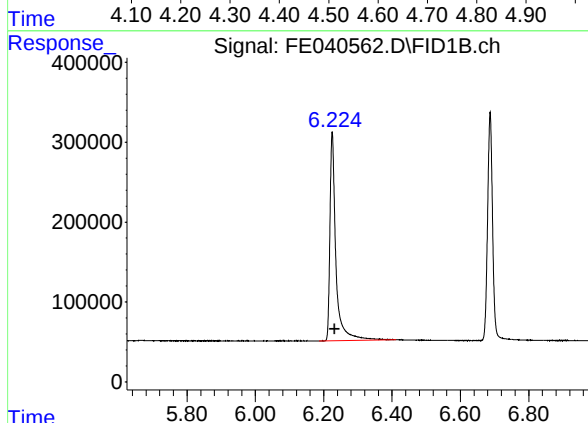
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 2955169
Conc: 20.33 ug/ml



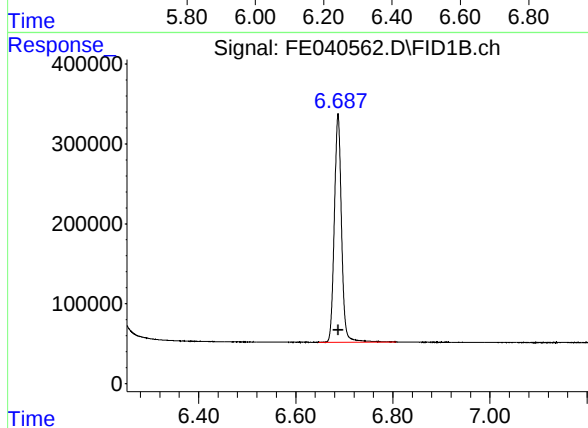
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.001 min
Response: 2860883
Conc: 20.30 ug/ml



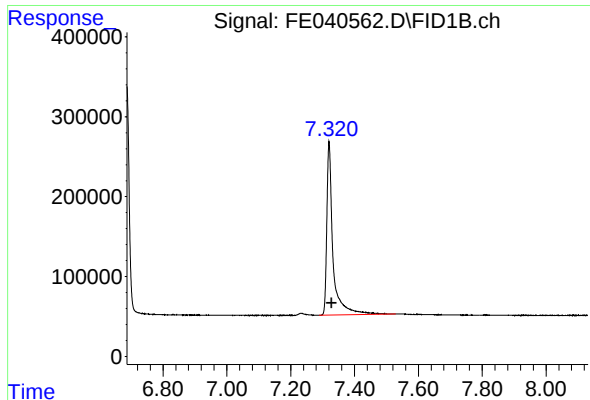
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.007 min
Response: 3178465
Conc: 20.60 ug/ml



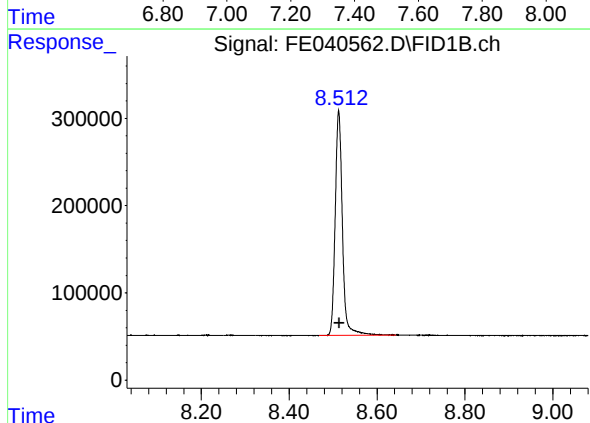
#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 2913457
Conc: 20.40 ug/ml



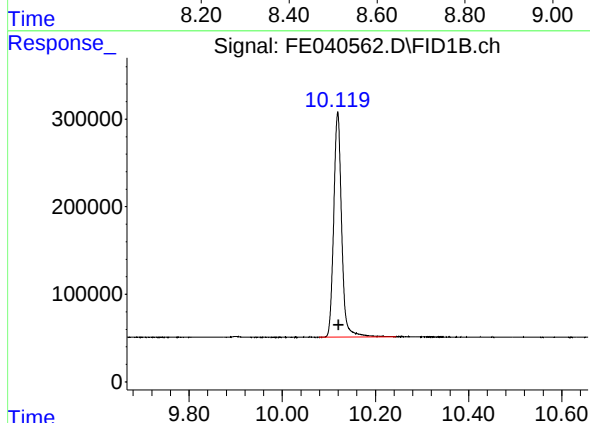
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: -0.008 min
Response: 2934708
Conc: 20.92 ug/ml



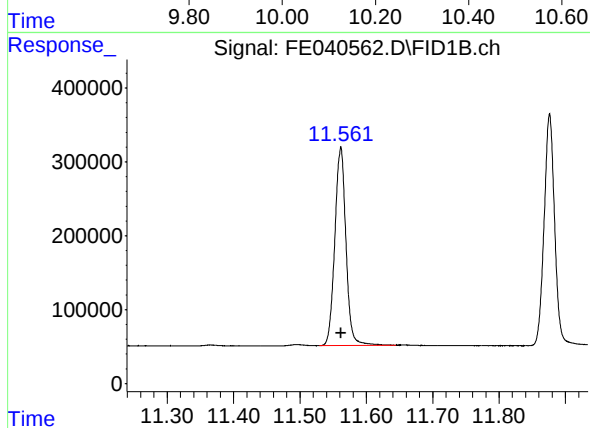
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.001 min
Response: 2931715
Conc: 20.27 ug/ml



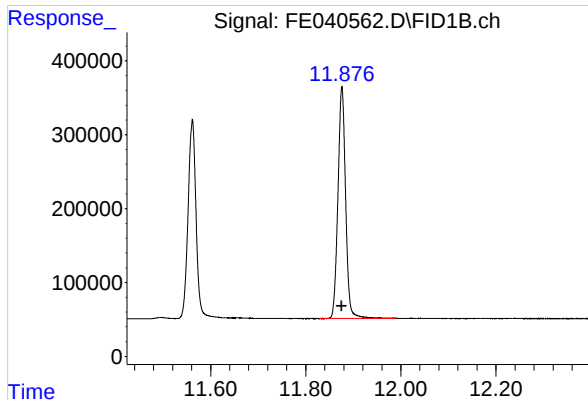
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.002 min
Response: 3034892
Conc: 20.21 ug/ml



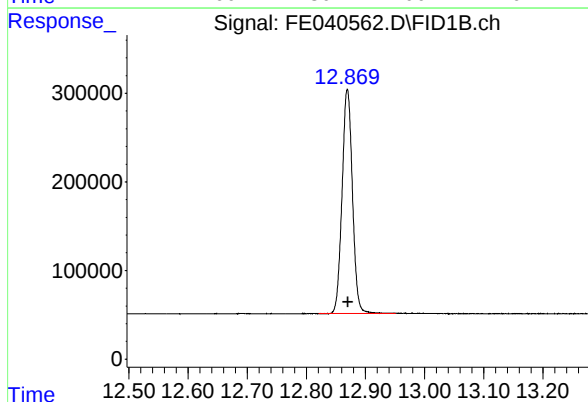
#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: 0.000 min
Response: 3129052
Conc: 19.99 ug/ml



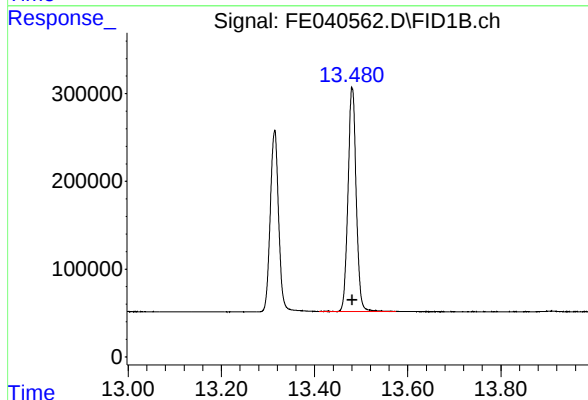
#9 ortho-Terphenyl (SURR)

R.T.: 11.876 min
Delta R.T.: 0.000 min
Response: 3485585
Conc: 20.00 ug/ml



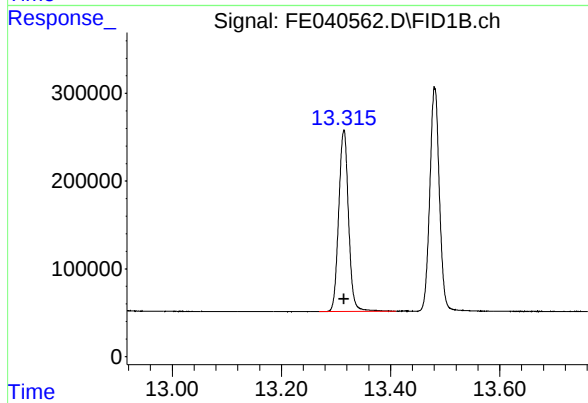
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: 0.000 min
Response: 3086227
Conc: 19.92 ug/ml



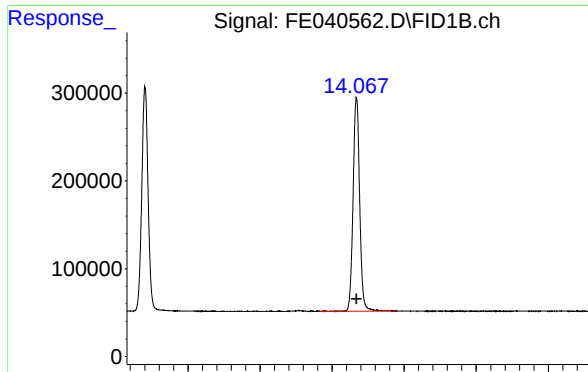
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: 0.000 min
Response: 3128417
Conc: 19.99 ug/ml



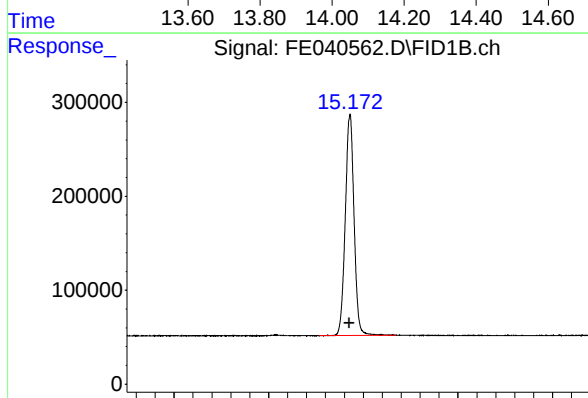
#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: 0.000 min
Response: 2587196
Conc: 19.95 ug/ml



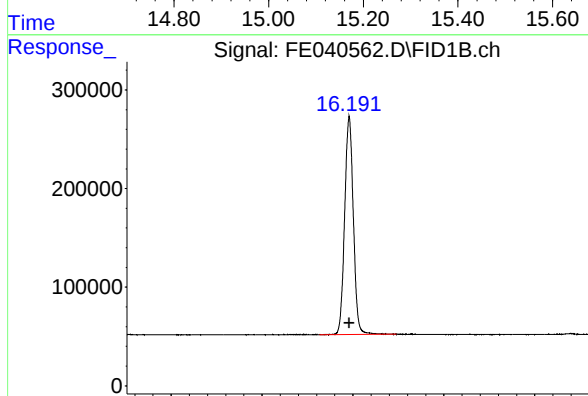
#13 n-Docosane (C22)

R.T.: 14.068 min
Delta R.T.: 0.000 min
Response: 3083784
Conc: 19.80 ug/ml



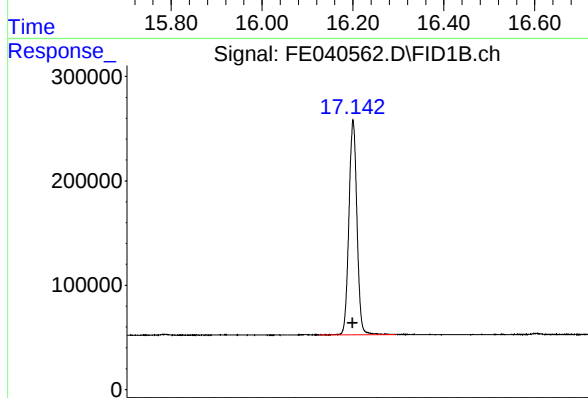
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: 0.001 min
Response: 3037762
Conc: 19.66 ug/ml



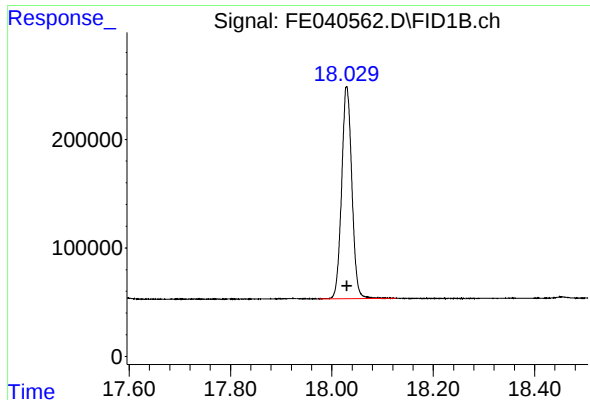
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: 0.000 min
Response: 2939045
Conc: 19.51 ug/ml



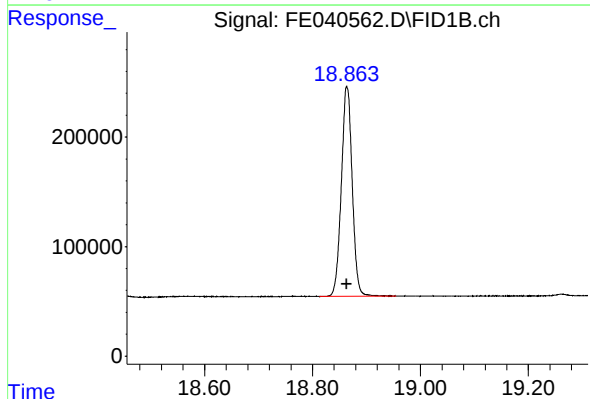
#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: 0.001 min
Response: 2840337
Conc: 19.20 ug/ml



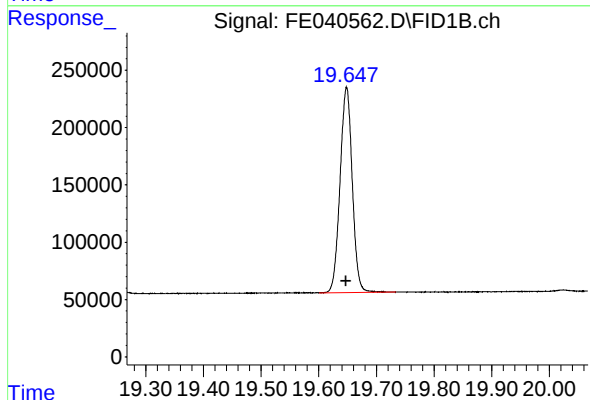
#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: 0.000 min
Response: 2735730
Conc: 19.08 ug/ml



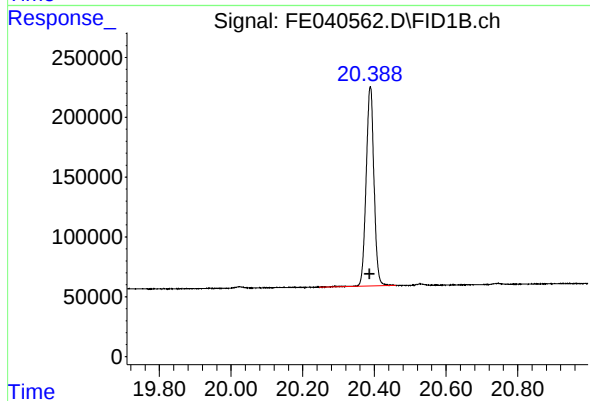
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: 0.000 min
Response: 2683883
Conc: 18.98 ug/ml



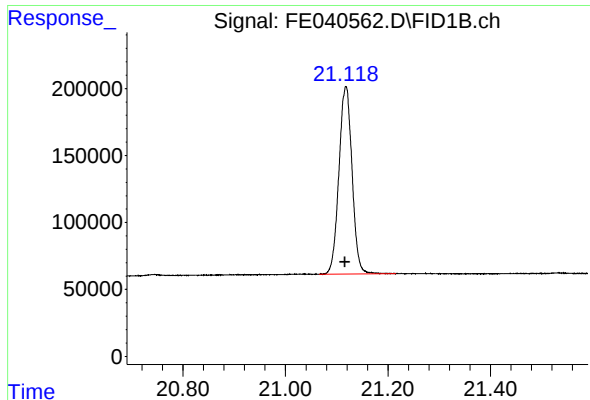
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: 0.001 min
Response: 2641522
Conc: 18.99 ug/ml



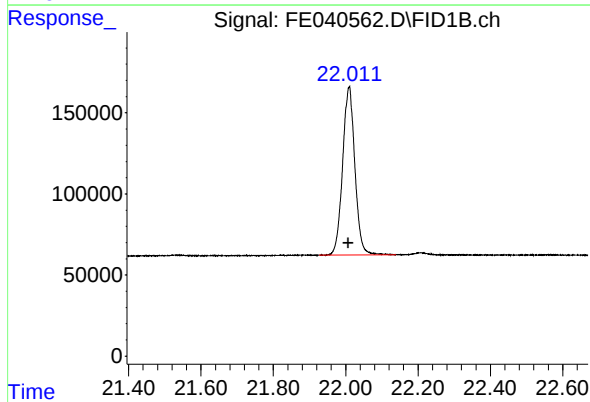
#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: 0.002 min
Response: 2521943
Conc: 18.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: 0.002 min
Response: 2493987
Conc: 18.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: 0.003 min
Response: 2446277
Conc: 17.84 ug/ml