

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021623AL\
 Data File : FE040382.D
 Signal(s) : FID1B.ch
 Acq On : 16 Feb 2023 11:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 00:51:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.890	3398264	20.995 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
12) S 1-chlorooctadecane (S...	13.328	2542028	20.496 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
Target Compounds			
1) T n-Nonane (C9)	3.284	2893742	21.261 ug/ml
2) T n-Decane (C10)	4.533	2833530	21.326 ug/ml
3) T A~Naphthalene (C11.7)	6.236	3112606	21.268 ug/ml
4) T n-Dodecane (C12)	6.698	2881012	21.398 ug/ml
5) T A~2-methylnaphthalene...	7.331	2878763	21.268 ug/ml
6) T n-Tetradecane (C14)	8.524	2919923	21.187 ug/ml
7) T n-Hexadecane (C16)	10.132	3016454	21.018 ug/ml
8) T n-Octadecane (C18)	11.574	3106532	20.884 ug/ml
10) T n-Eicosane (C20)	12.884	3048841	20.738 ug/ml
11) T n-Heneicosane (C21)	13.496	3061663	20.758 ug/ml
13) T n-Docosane (C22)	14.082	3041391	20.526 ug/ml
14) T n-Tetracosane (C24)	15.186	3036373	20.002 ug/ml
15) T n-Hexacosane (C26)	16.208	2938089	19.819 ug/ml
16) T n-Octacosane (C28)	17.157	2869665	19.149 ug/ml
17) T n-Tricontane (C30)	18.046	2783200	18.863 ug/ml
18) T n-Dotriacontane (C32)	18.880	2727271	18.621 ug/ml
19) T n-Tetratriacontane (C34)	19.664	2620191	19.050 ug/ml
20) T n-Hexatriacontane (C36)	20.406	2463963	18.576 ug/ml
21) T n-Octatriacontane (C38)	21.137	2424013	18.685 ug/ml
22) T n-Tetracontane (C40)	22.033	2399971	18.076 ug/ml

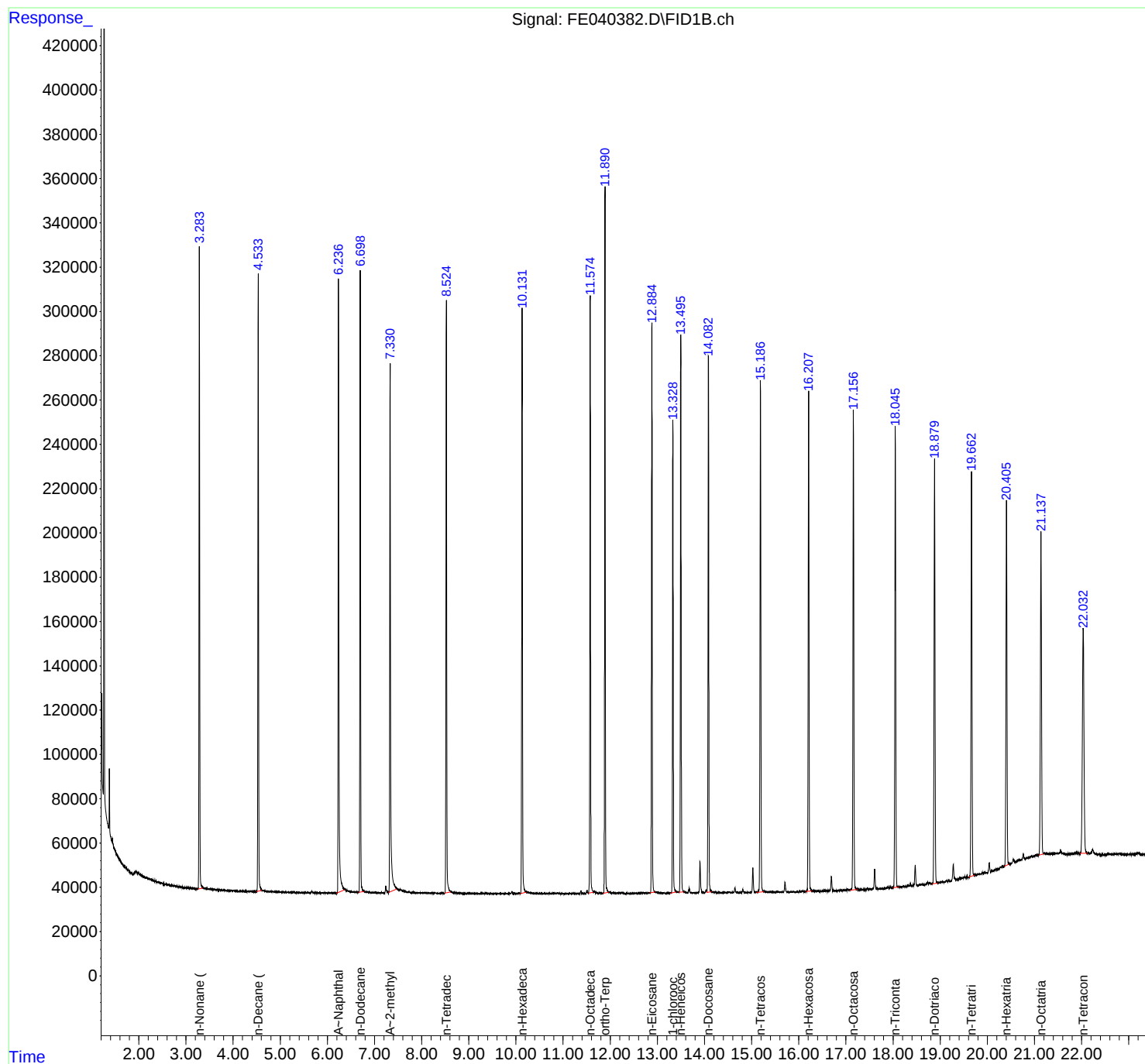
(f)=RT Delta > 1/2 Window

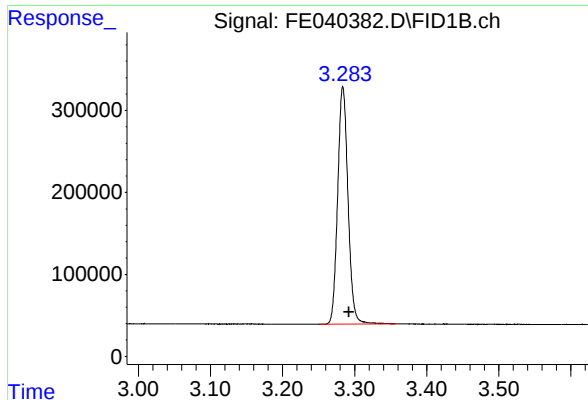
(m)=manual int.

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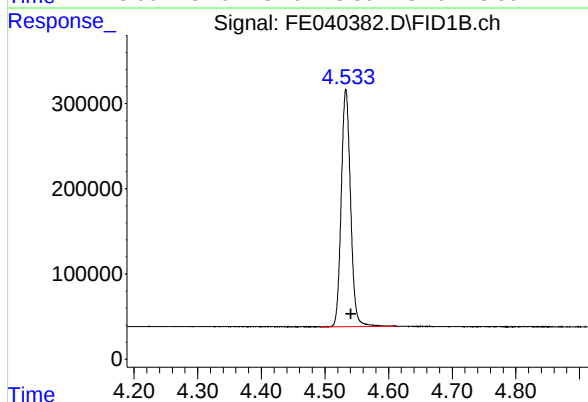
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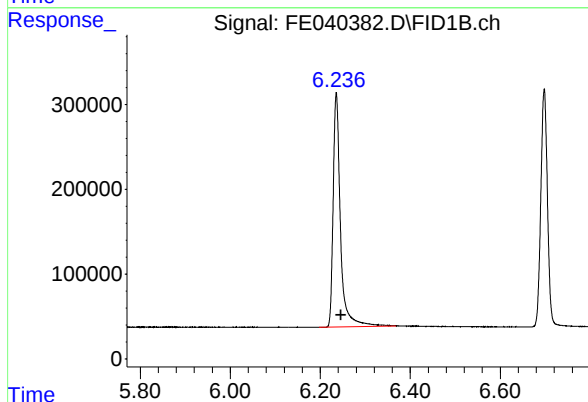
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.008 min
Response: 2893742
Conc: 21.26 ug/ml



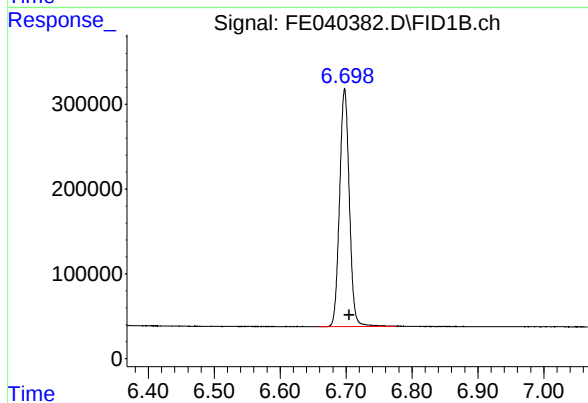
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.008 min
Response: 2833530
Conc: 21.33 ug/ml



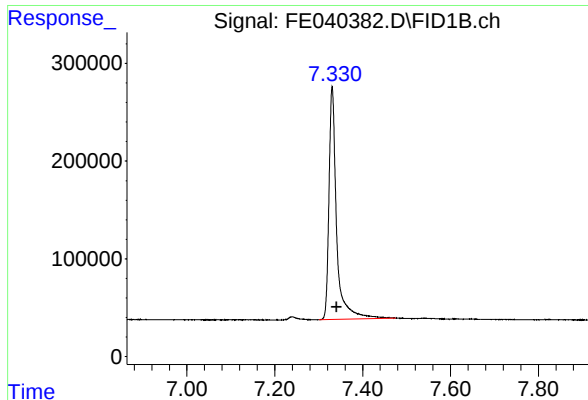
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.010 min
Response: 3112606
Conc: 21.27 ug/ml



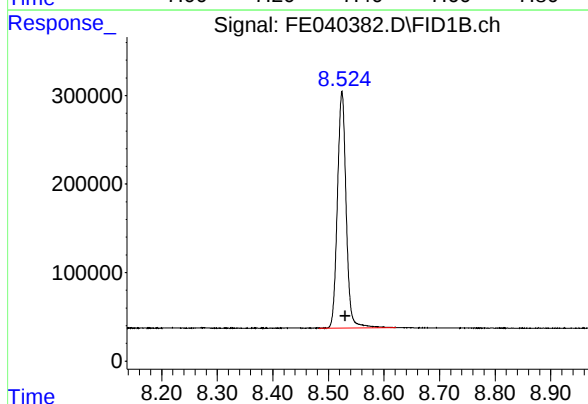
#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.007 min
Response: 2881012
Conc: 21.40 ug/ml



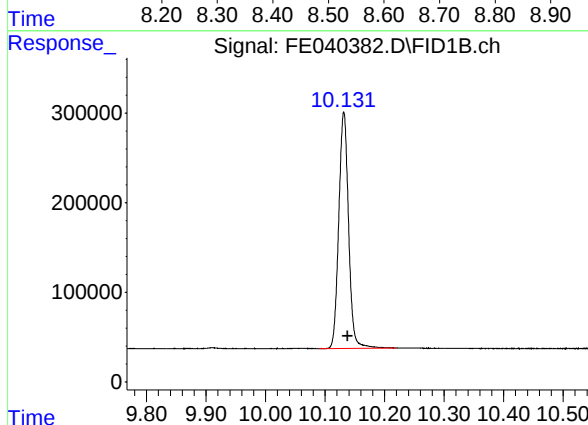
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: -0.010 min
Response: 2878763
Conc: 21.27 ug/ml



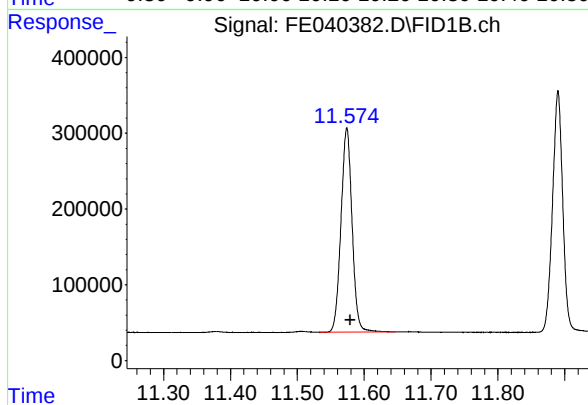
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.006 min
Response: 2919923
Conc: 21.19 ug/ml



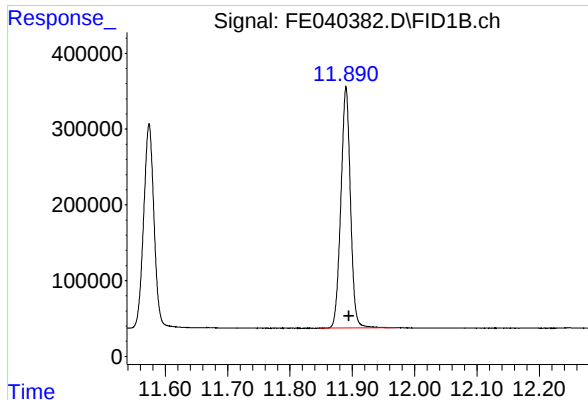
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.006 min
Response: 3016454
Conc: 21.02 ug/ml



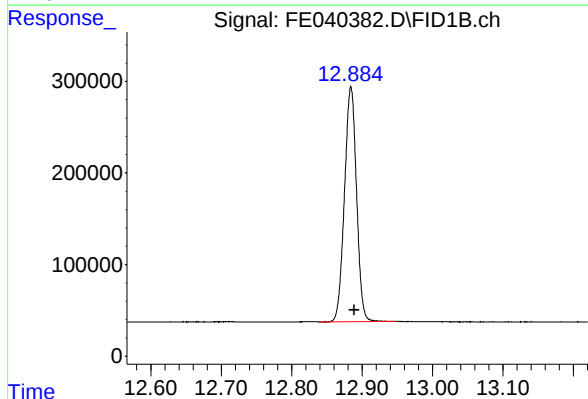
#8 n-Octadecane (C18)

R.T.: 11.574 min
Delta R.T.: -0.005 min
Response: 3106532
Conc: 20.88 ug/ml



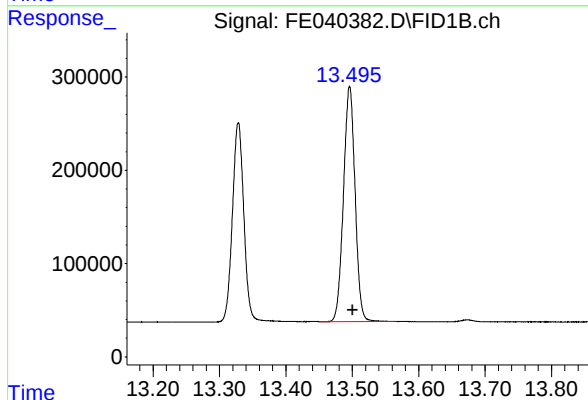
#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: -0.005 min
Response: 3398264
Conc: 20.99 ug/ml



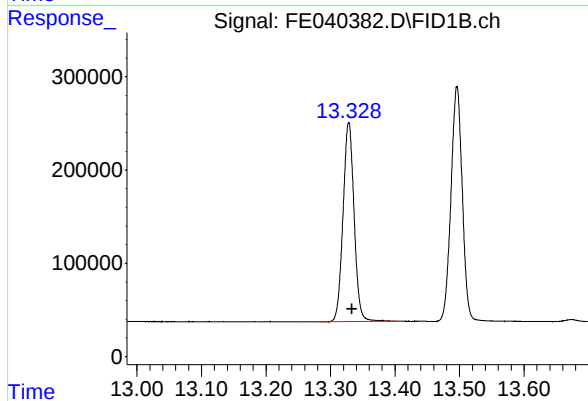
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.005 min
Response: 3048841
Conc: 20.74 ug/ml



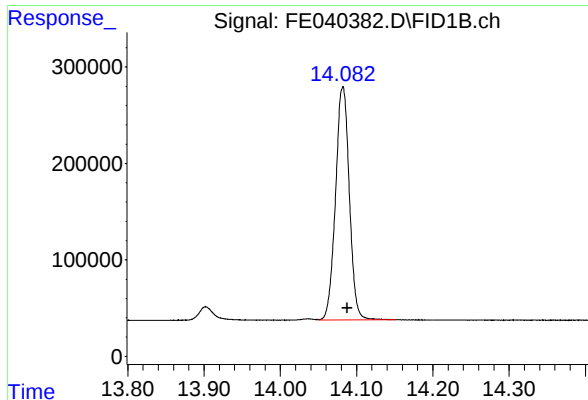
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.005 min
Response: 3061663
Conc: 20.76 ug/ml



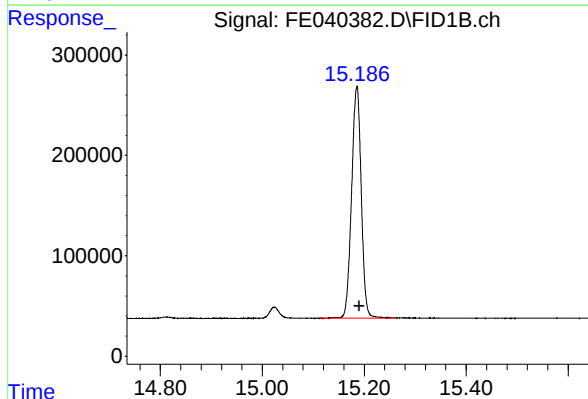
#12 1-chlorooctadecane (SURR)

R.T.: 13.328 min
Delta R.T.: -0.005 min
Response: 2542028
Conc: 20.50 ug/ml



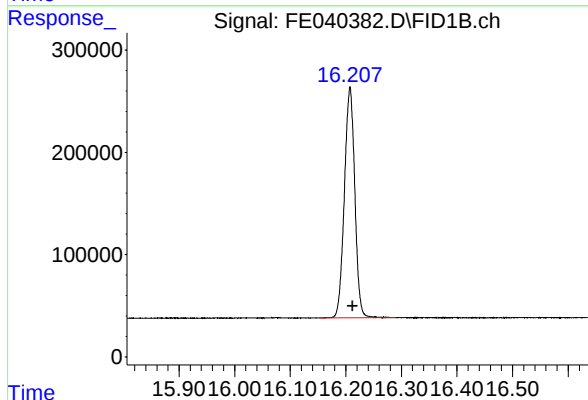
#13 n-Docosane (C22)

R.T.: 14.082 min
Delta R.T.: -0.006 min
Response: 3041391
Conc: 20.53 ug/ml



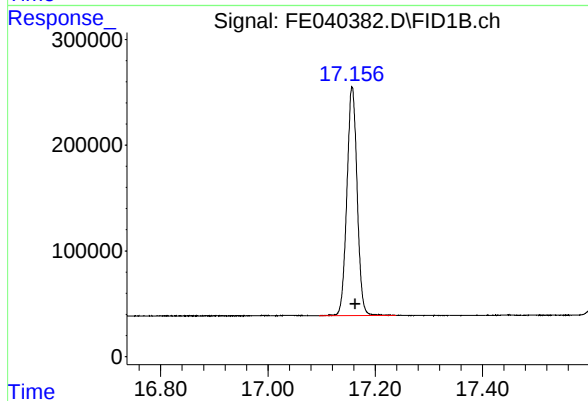
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.005 min
Response: 3036373
Conc: 20.00 ug/ml



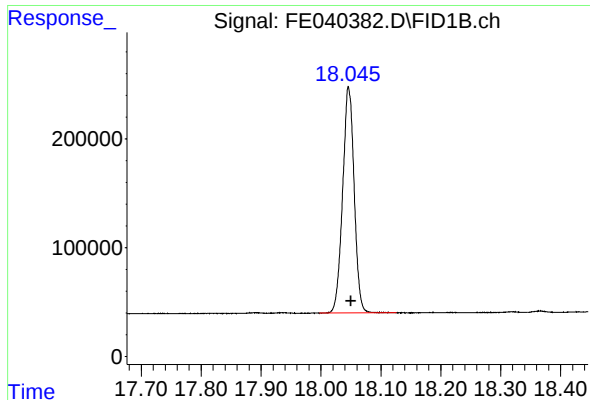
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.005 min
Response: 2938089
Conc: 19.82 ug/ml



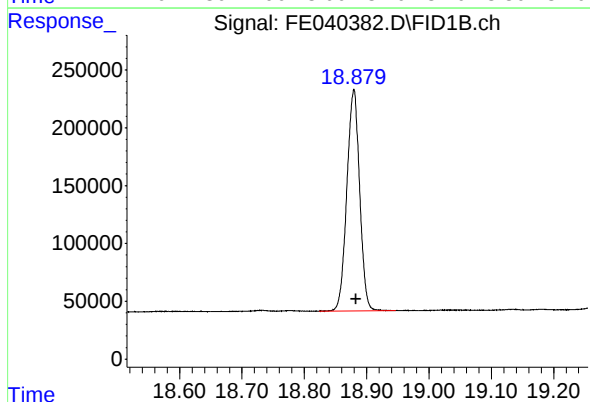
#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: -0.006 min
Response: 2869665
Conc: 19.15 ug/ml



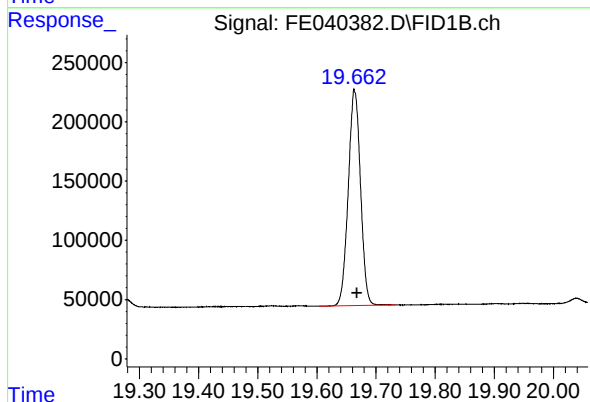
#17 n-Tricontane (C30)

R.T.: 18.046 min
Delta R.T.: -0.004 min
Response: 2783200
Conc: 18.86 ug/ml



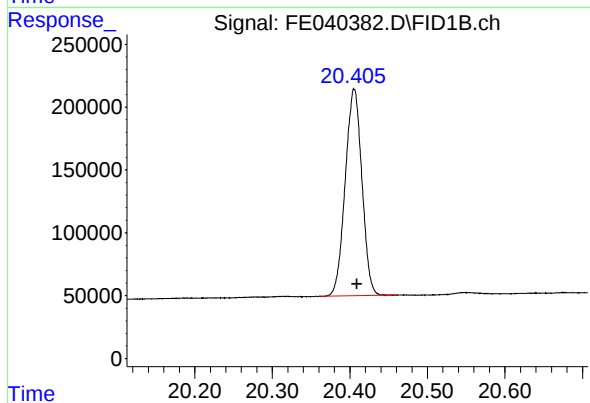
#18 n-Dotriacontane (C32)

R.T.: 18.880 min
Delta R.T.: -0.003 min
Response: 2727271
Conc: 18.62 ug/ml



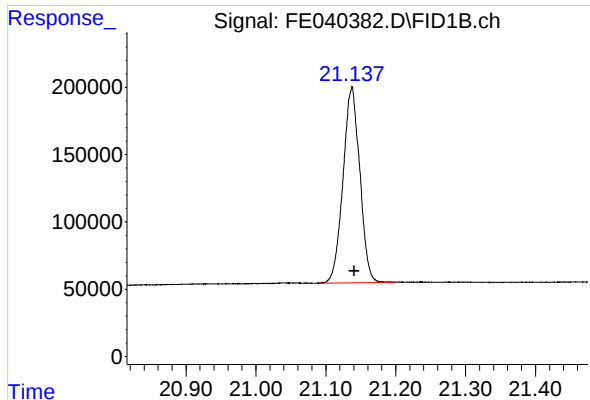
#19 n-Tetratriacontane (C34)

R.T.: 19.664 min
Delta R.T.: -0.004 min
Response: 2620191
Conc: 19.05 ug/ml



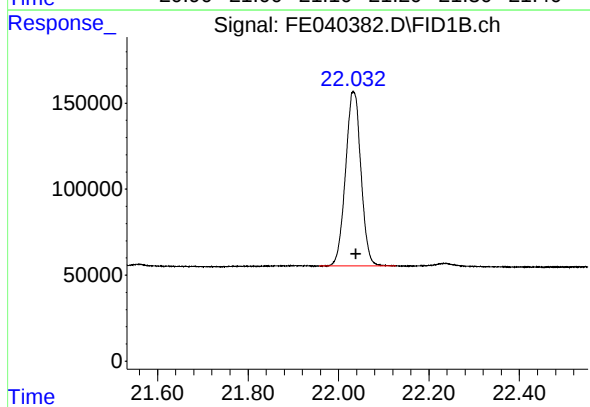
#20 n-Hexatriacontane (C36)

R.T.: 20.406 min
Delta R.T.: -0.004 min
Response: 2463963
Conc: 18.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.137 min
Delta R.T.: -0.004 min
Response: 2424013
Conc: 18.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.033 min
Delta R.T.: -0.006 min
Response: 2399971
Conc: 18.08 ug/ml