

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020823AL\
 Data File : FE040275.D
 Signal(s) : FID1B.ch
 Acq On : 09 Feb 2023 00:46
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 09 02:37:54 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)	11.894	3450210	21.316 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
12) S 1-chlorooctadecane (S...	13.332	2635456	21.250 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
Target Compounds			
1) T n-Nonane (C9)	3.289	2966455	21.796 ug/ml
2) T n-Decane (C10)	4.538	2904518	21.860 ug/ml
3) T A~Naphthalene (C11.7)	6.240	3206563	21.910 ug/ml
4) T n-Dodecane (C12)	6.702	2949750	21.909 ug/ml
5) T A~2-methylnaphthalene...	7.335	2984246	22.047 ug/ml
6) T n-Tetradecane (C14)	8.529	2988418	21.684 ug/ml
7) T n-Hexadecane (C16)	10.136	3100534	21.604 ug/ml
8) T n-Octadecane (C18)	11.578	3174628	21.342 ug/ml
10) T n-Eicosane (C20)	12.887	3109105	21.148 ug/ml
11) T n-Heneicosane (C21)	13.499	3124112	21.181 ug/ml
13) T n-Docosane (C22)	14.086	3099314	20.917 ug/ml
14) T n-Tetracosane (C24)	15.189	3095612	20.392 ug/ml
15) T n-Hexacosane (C26)	16.211	2982882	20.121 ug/ml
16) T n-Octacosane (C28)	17.162	2940942	19.624 ug/ml
17) T n-Tricontane (C30)	18.050	2836488	19.224 ug/ml
18) T n-Dotriacontane (C32)	18.883	2808605	19.177 ug/ml
19) T n-Tetratriacontane (C34)	19.668	2726806	19.825 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2616504	19.726 ug/ml
21) T n-Octatriacontane (C38)	21.141	2606119	20.089 ug/ml
22) T n-Tetracontane (C40)	22.038	2667078	20.088 ug/ml

(f)=RT Delta > 1/2 Window

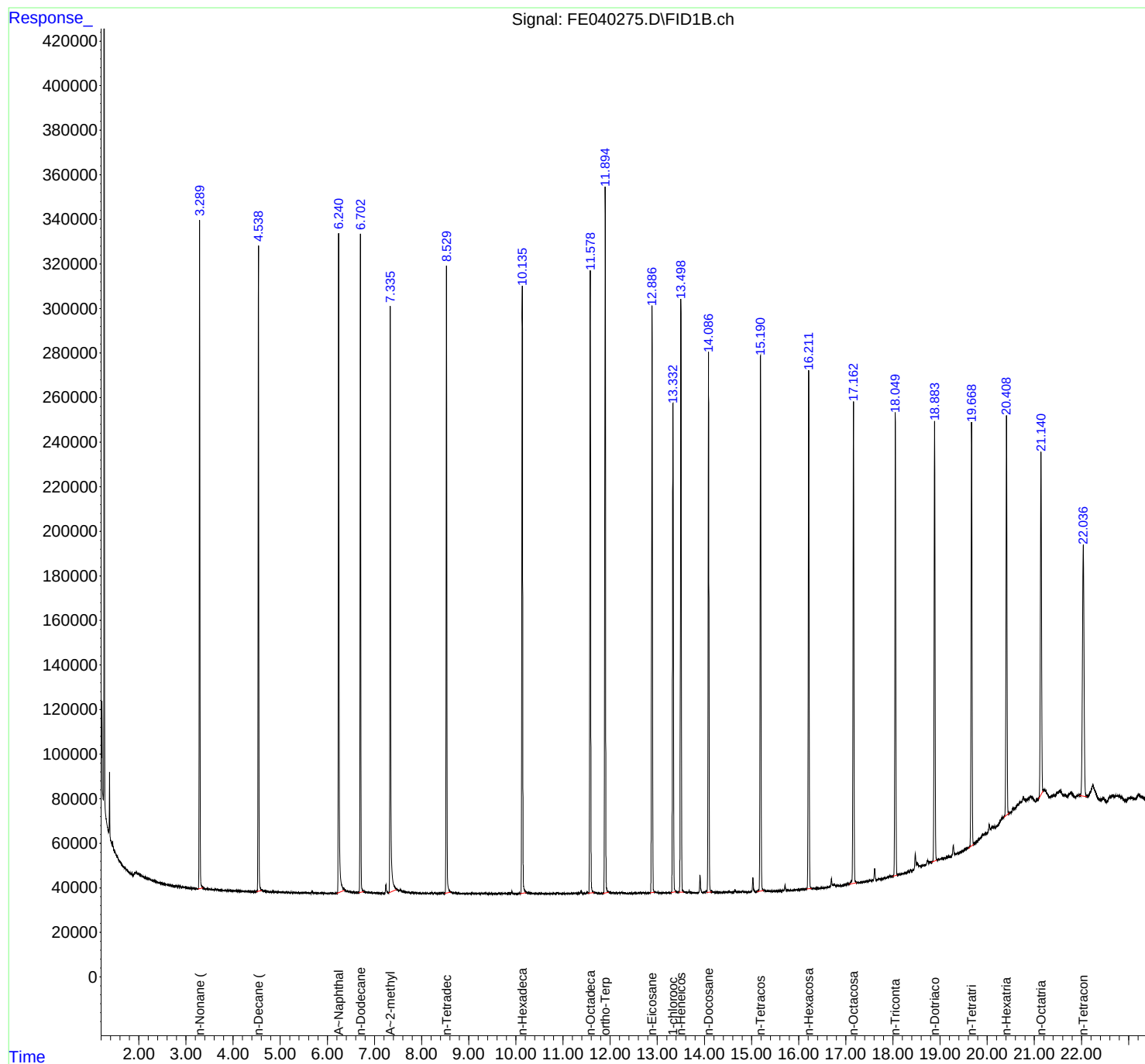
(m)=manual int.

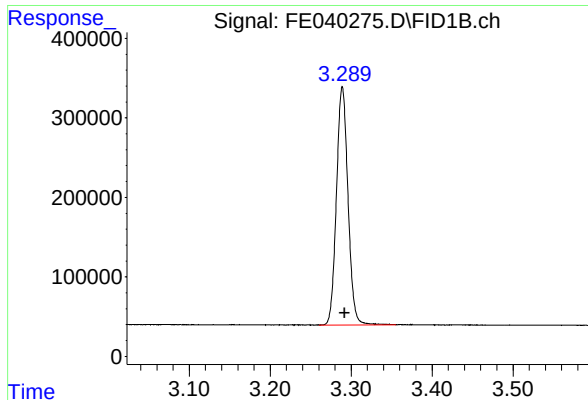
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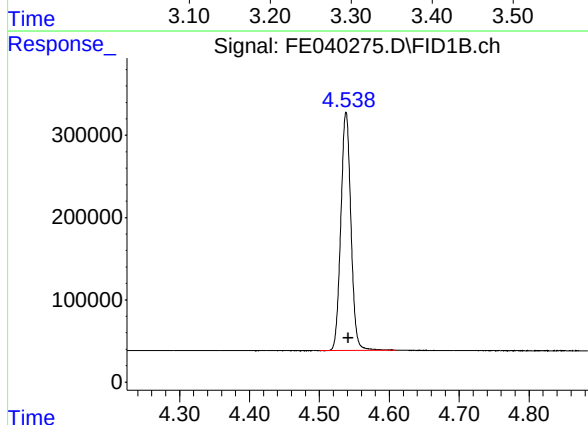




#1 n-Nonane (C9)

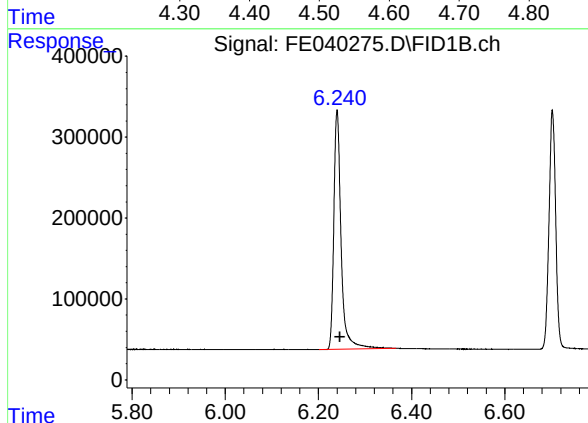
R.T.: 3.289 min
Delta R.T.: -0.003 min
Response: 2966455
Conc: 21.80 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



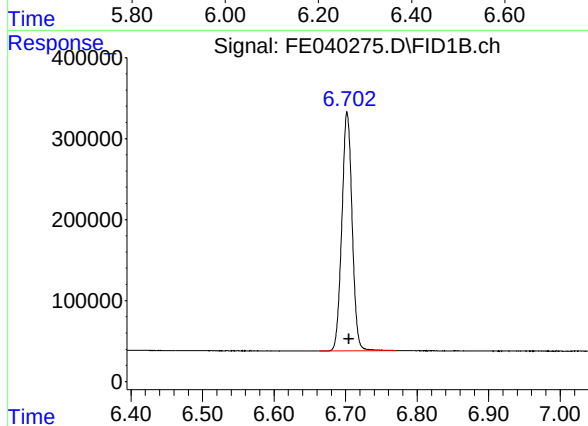
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.003 min
Response: 2904518
Conc: 21.86 ug/ml



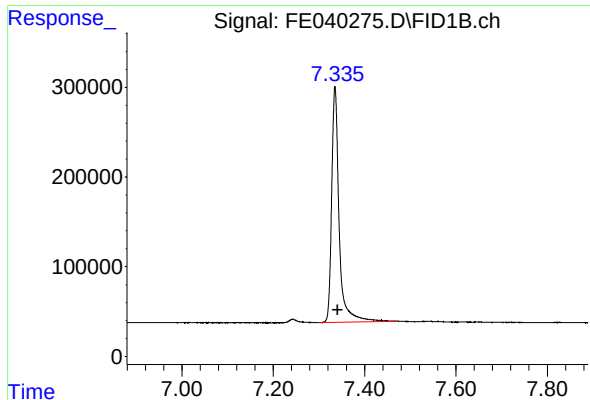
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.006 min
Response: 3206563
Conc: 21.91 ug/ml



#4 n-Dodecane (C12)

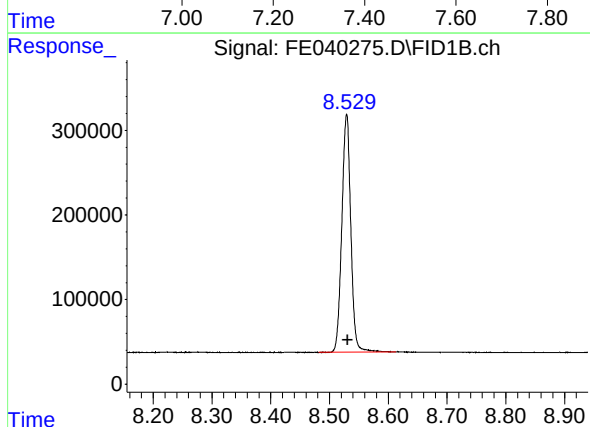
R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 2949750
Conc: 21.91 ug/ml



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

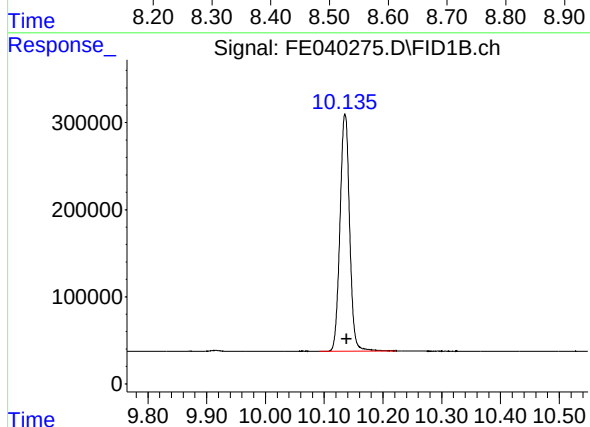
R.T.: 7.335 min
Delta R.T.: -0.006 min
Response: 2984246
Conc: 22.05 ug/ml

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20 PPM ALIPHATIC HC STD



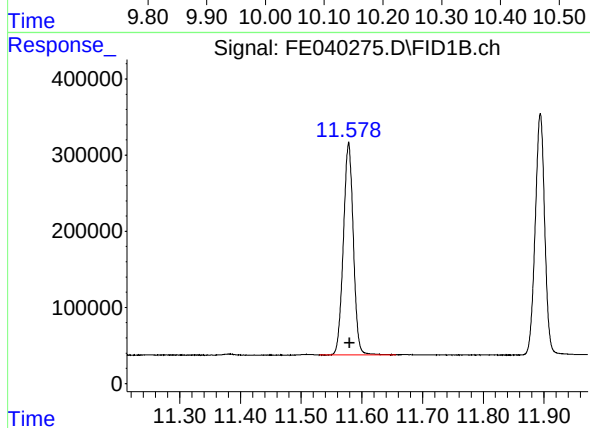
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.001 min
Response: 2988418
Conc: 21.68 ug/ml



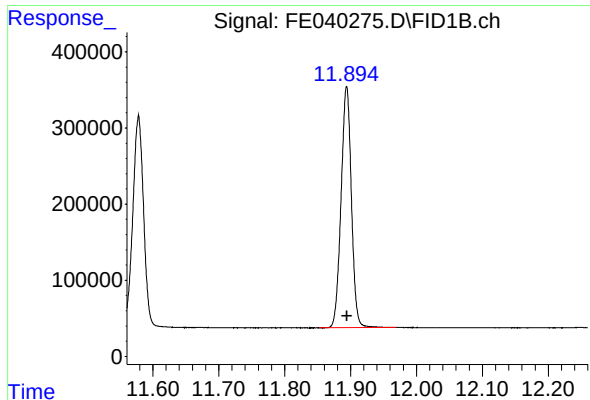
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.002 min
Response: 3100534
Conc: 21.60 ug/ml



#8 n-Octadecane (C18)

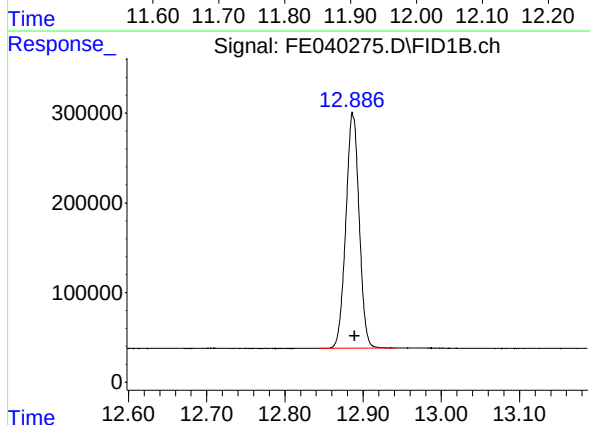
R.T.: 11.578 min
Delta R.T.: -0.001 min
Response: 3174628
Conc: 21.34 ug/ml



#9 ortho-Terphenyl (SURR)

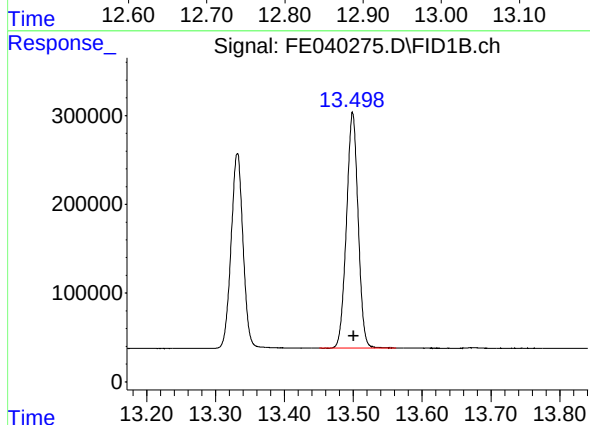
R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 3450210
Conc: 21.32 ug/ml

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20 PPM ALIPHATIC HC STD



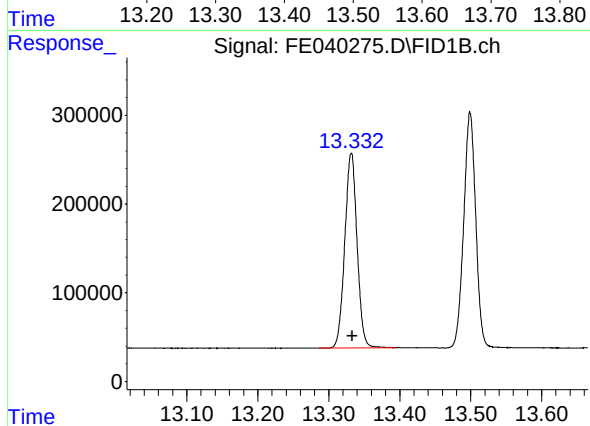
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.002 min
Response: 3109105
Conc: 21.15 ug/ml



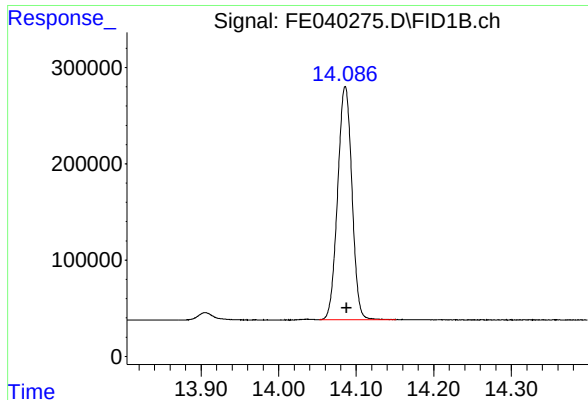
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.002 min
Response: 3124112
Conc: 21.18 ug/ml



#12 1-chlorooctadecane (SURR)

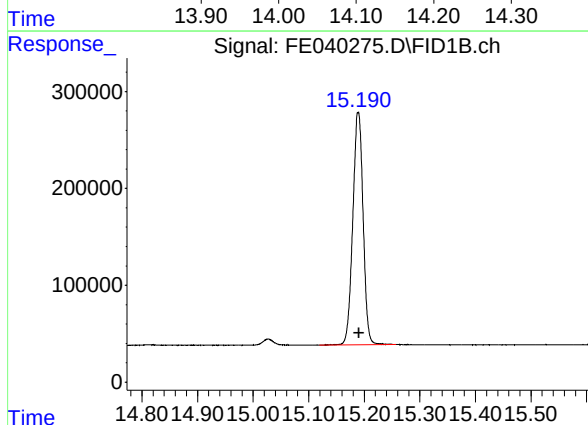
R.T.: 13.332 min
Delta R.T.: -0.002 min
Response: 2635456
Conc: 21.25 ug/ml



#13 n-Docosane (C22)

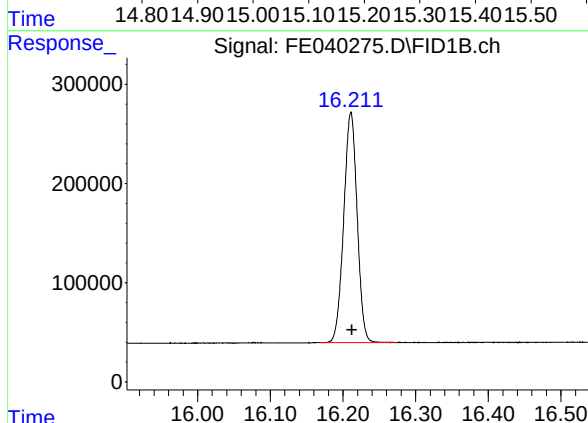
R.T.: 14.086 min
Delta R.T.: -0.002 min
Response: 3099314
Conc: 20.92 ug/ml

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20 PPM ALIPHATIC HC STD



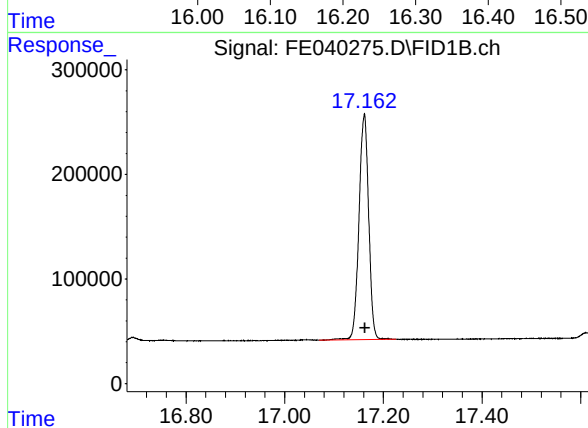
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.002 min
Response: 3095612
Conc: 20.39 ug/ml



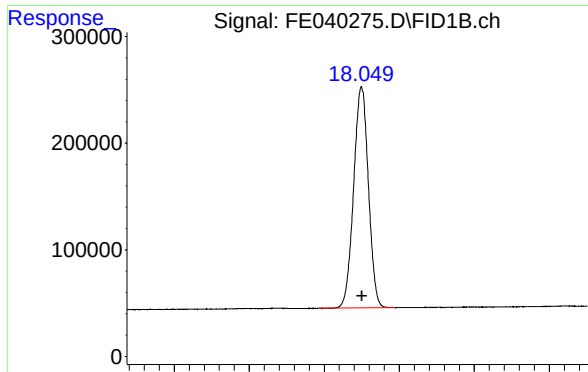
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: -0.002 min
Response: 2982882
Conc: 20.12 ug/ml



#16 n-Octacosane (C28)

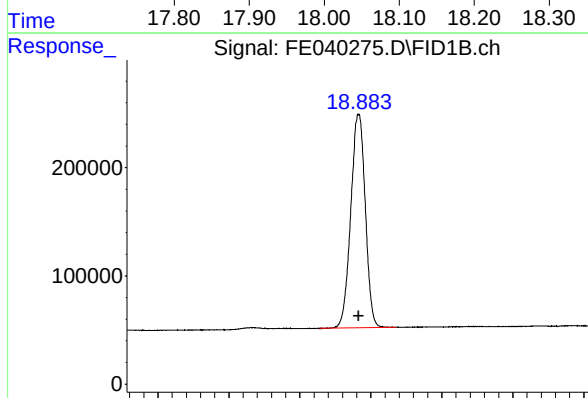
R.T.: 17.162 min
Delta R.T.: 0.000 min
Response: 2940942
Conc: 19.62 ug/ml



#17 n-Tricontane (C30)

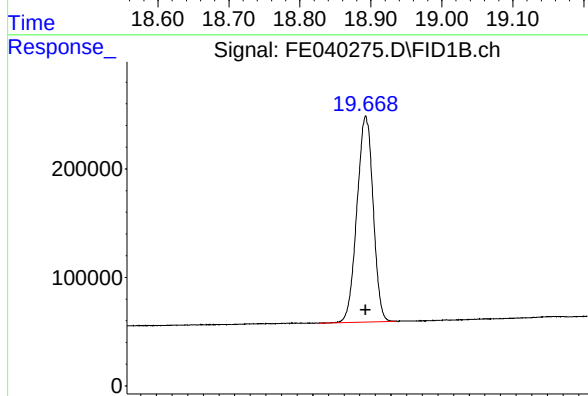
R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 2836488
Conc: 19.22 ug/ml

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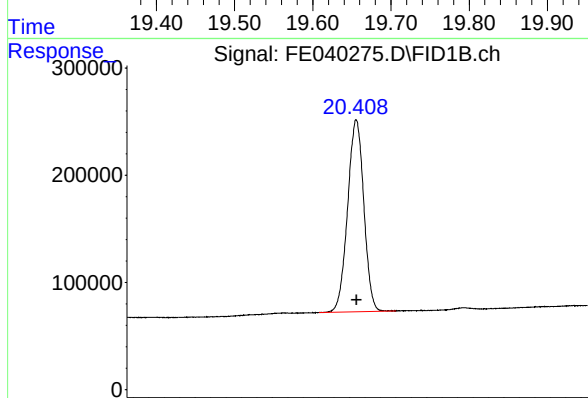
#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: 0.000 min
Response: 2808605
Conc: 19.18 ug/ml



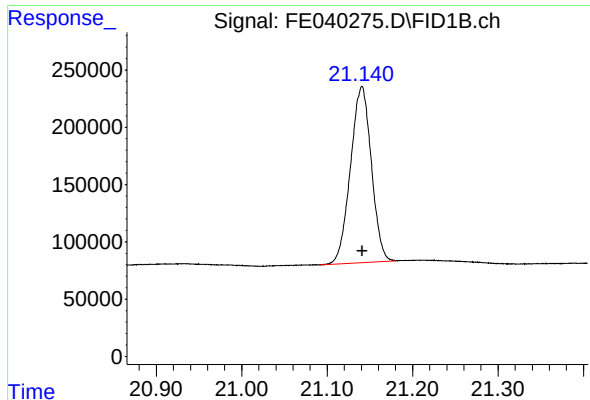
#19 n-Tetatriacontane (C34)

R.T.: 19.668 min
Delta R.T.: 0.000 min
Response: 2726806
Conc: 19.82 ug/ml



#20 n-Hexatriacontane (C36)

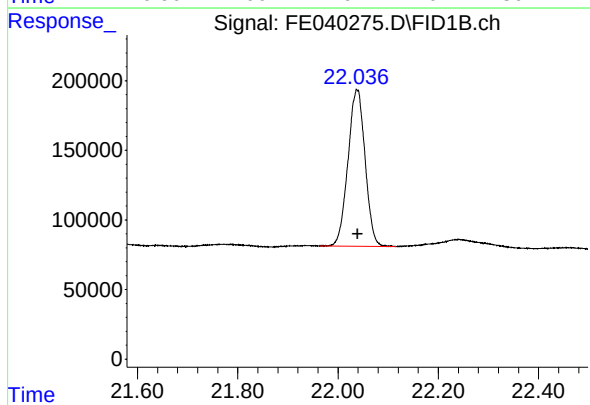
R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 2616504
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: 0.000 min
Response: 2606119
Conc: 20.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: 0.000 min
Response: 2667078
Conc: 20.09 ug/ml