

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071425AL\
 Data File : FE054847.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2025 16:59
 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: Jul 15 03:31:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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)	12.085	3367372	20.736 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
12) S 1-chlorooctadecane (S...	13.520	2541072	20.120 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	3.426	2712737	20.168 ug/ml
2) T n-Decane (C10)	4.684	2894120	21.210 ug/ml
3) T A~Naphthalene (C11.7)	6.401	3270798	21.602 ug/ml
4) T n-Dodecane (C12)	6.858	2998806	21.856 ug/ml
5) T A~2-methylnaphthalene...	7.502	3208529	21.826 ug/ml
6) T n-Tetradecane (C14)	8.695	3051578	22.013 ug/ml
7) T n-Hexadecane (C16)	10.309	3124139	21.922 ug/ml
8) T n-Octadecane (C18)	11.758	3118118	21.276 ug/ml
10) T n-Eicosane (C20)	13.073	2958519	20.575 ug/ml
11) T n-Heneicosane (C21)	13.687	2880955	20.170 ug/ml
13) T n-Docosane (C22)	14.275	2860539	20.033 ug/ml
14) T n-Tetracosane (C24)	15.381	2863442	19.698 ug/ml
15) T n-Hexacosane (C26)	16.405	2818640	19.477 ug/ml
16) T n-Octacosane (C28)	17.356	2822101	19.364 ug/ml
17) T n-Tricontane (C30)	18.246	2962953	18.802 ug/ml
18) T n-Dotriacontane (C32)	19.080	2935318	18.143 ug/ml
19) T n-Tetratriacontane (C34)	19.866	2761653	18.122 ug/ml
20) T n-Hexatriacontane (C36)	20.606	2512142	18.684 ug/ml
21) T n-Octatriacontane (C38)	21.386	2440092	20.805 ug/ml
22) T n-Tetracontane (C40)	22.379	2392091	22.070 ug/ml

(f)=RT Delta > 1/2 Window

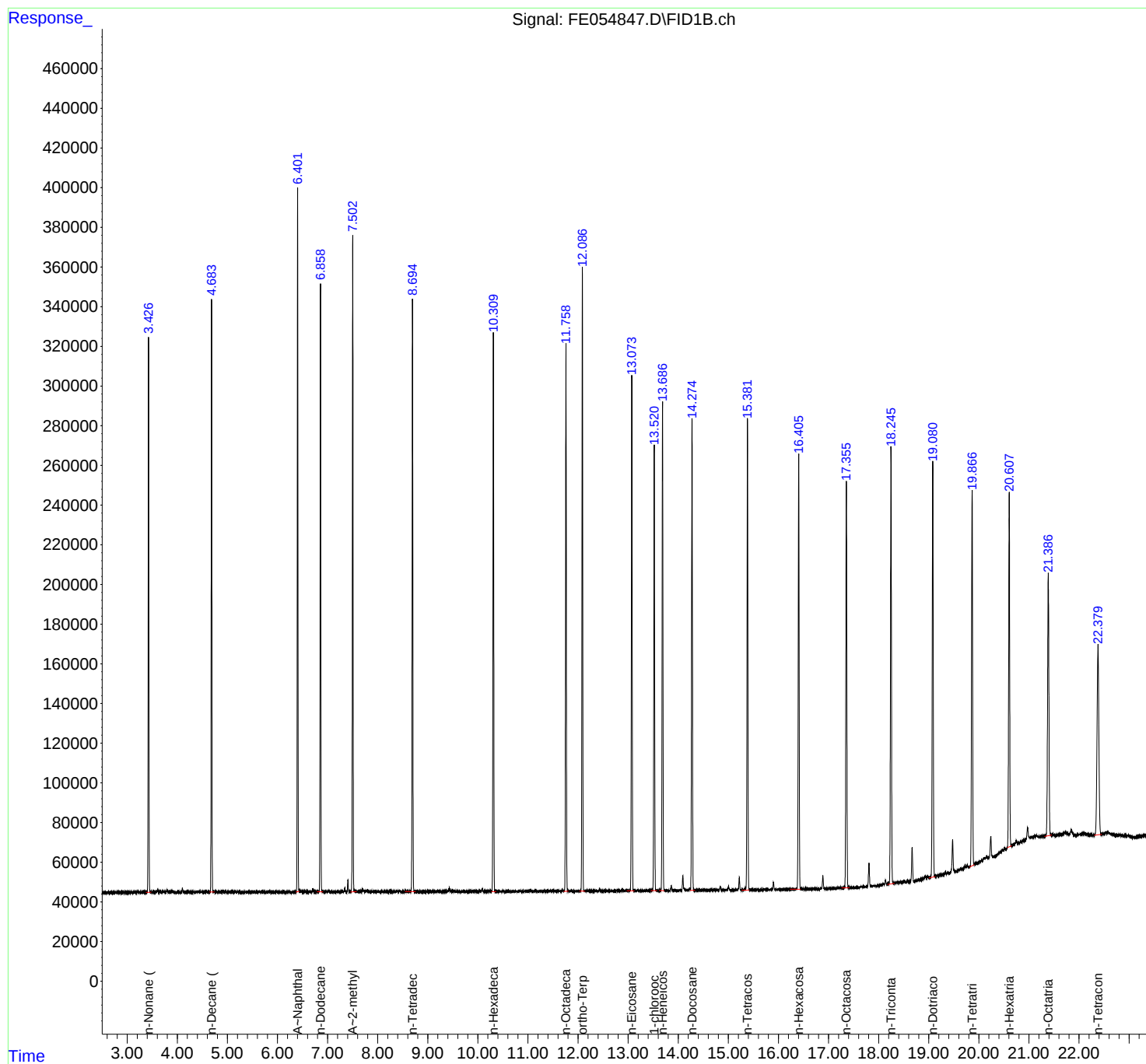
(m)=manual int.

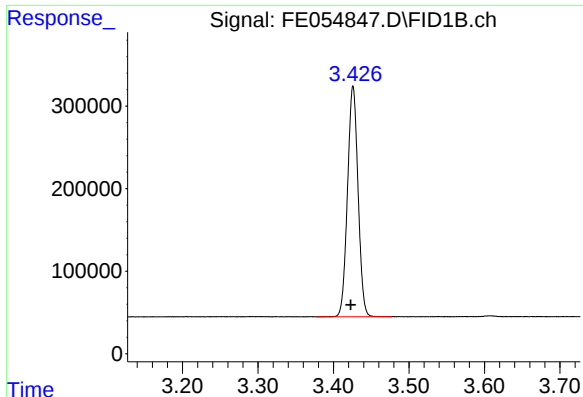
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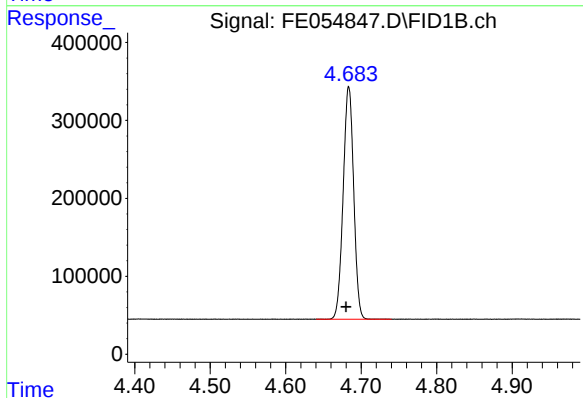




#1 n-Nonane (C9)

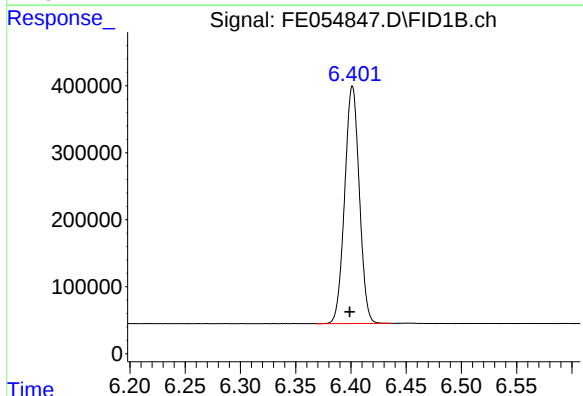
R.T.: 3.426 min
Delta R.T.: 0.003 min
Response: 2712737
Conc: 20.17 ug/ml

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20 PPM ALIPHATIC HC STD



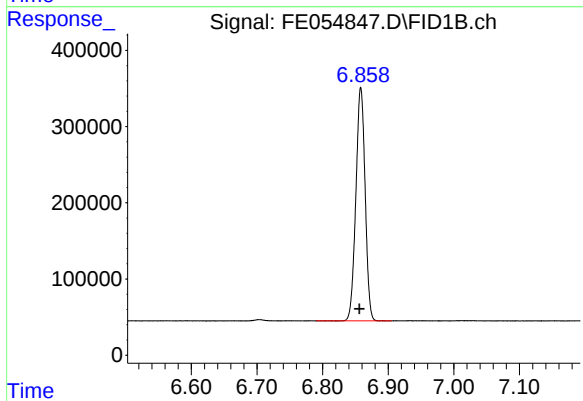
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.004 min
Response: 2894120
Conc: 21.21 ug/ml



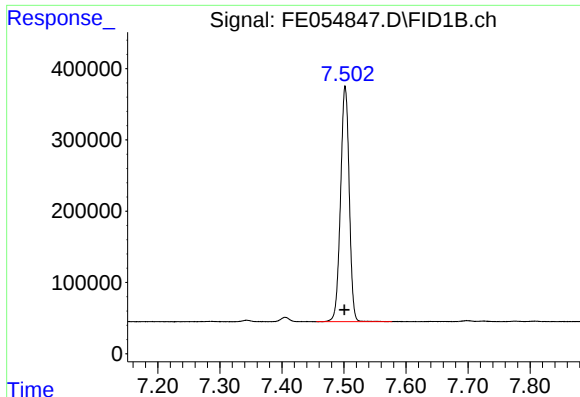
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.002 min
Response: 3270798
Conc: 21.60 ug/ml



#4 n-Dodecane (C12)

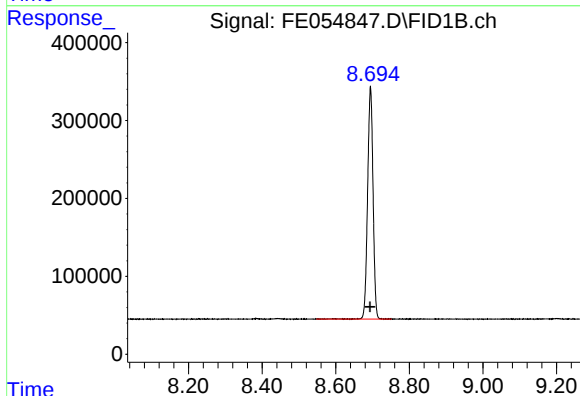
R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 2998806
Conc: 21.86 ug/ml



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

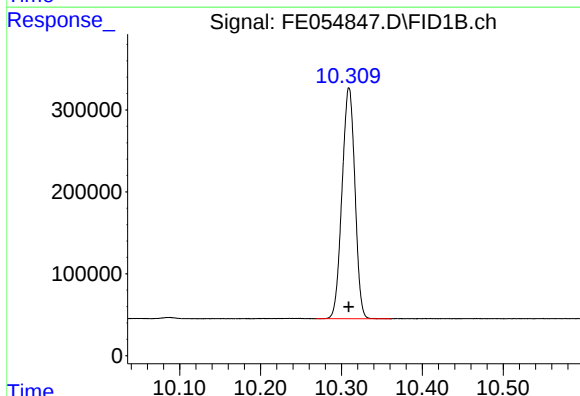
R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 3208529
Conc: 21.83 ug/ml

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20 PPM ALIPHATIC HC STD



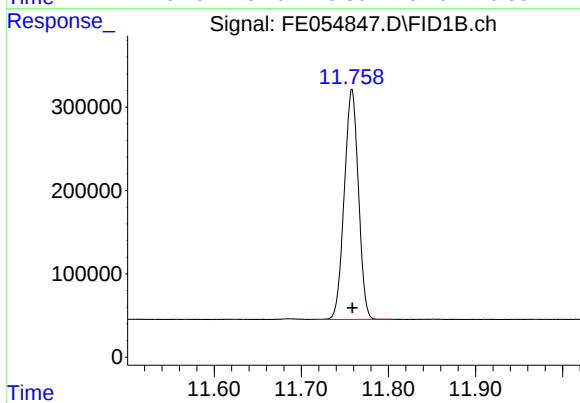
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.001 min
Response: 3051578
Conc: 22.01 ug/ml



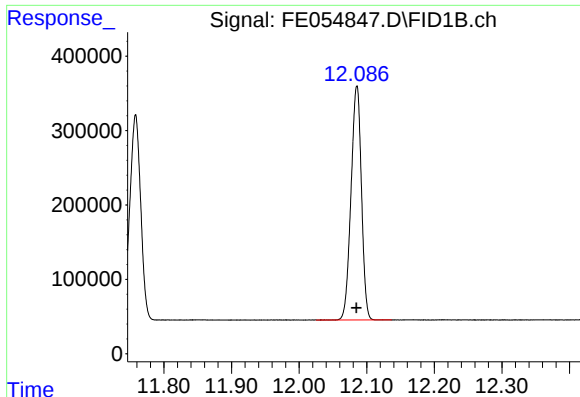
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 3124139
Conc: 21.92 ug/ml



#8 n-Octadecane (C18)

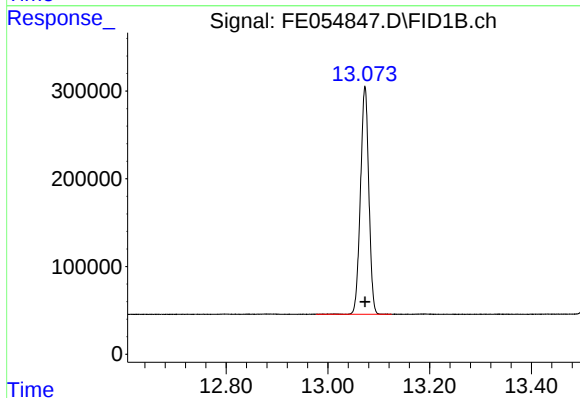
R.T.: 11.758 min
Delta R.T.: 0.000 min
Response: 3118118
Conc: 21.28 ug/ml



#9 ortho-Terphenyl (SURR)

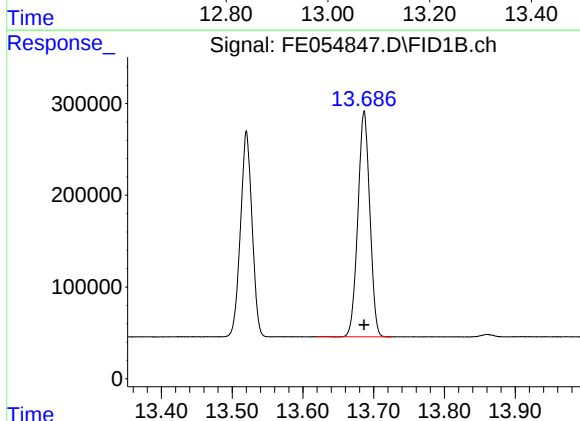
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 3367372
Conc: 20.74 ug/ml

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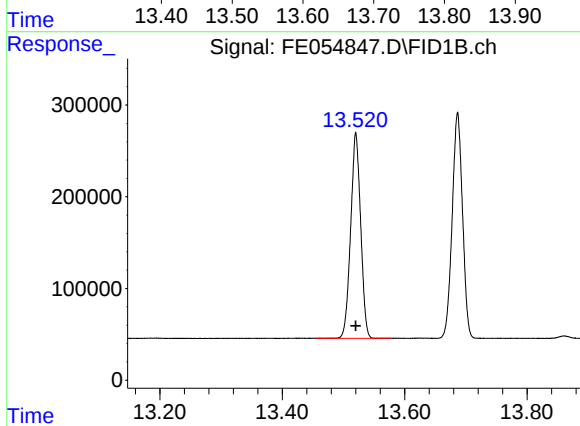
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 2958519
Conc: 20.57 ug/ml



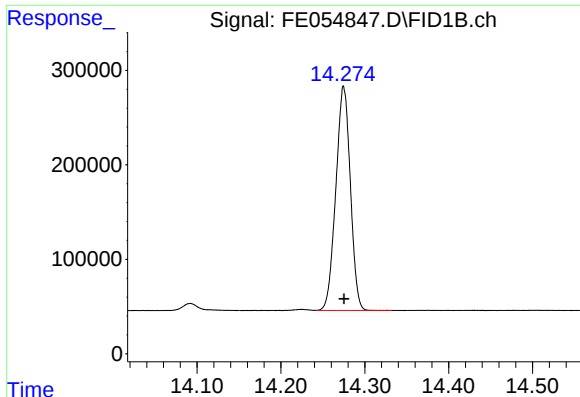
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 2880955
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

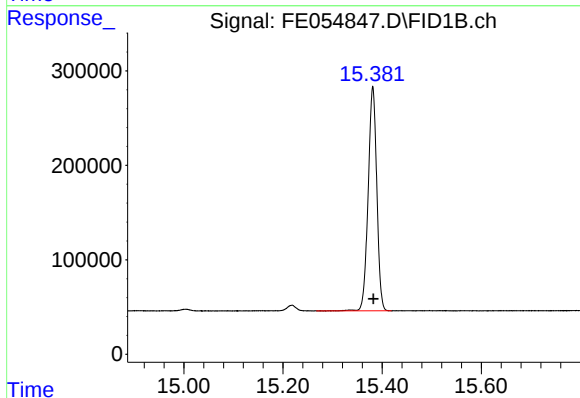
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 2541072
Conc: 20.12 ug/ml



#13 n-Docosane (C22)

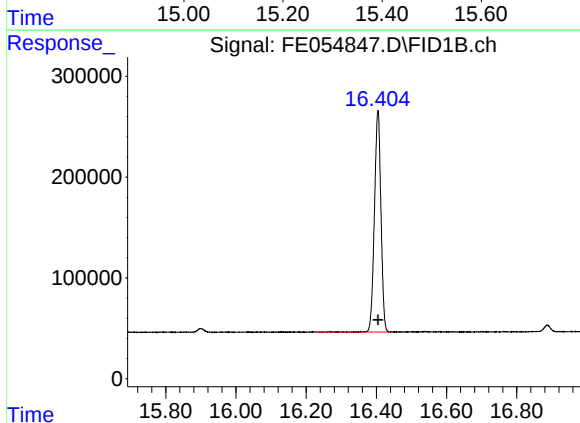
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 2860539
Conc: 20.03 ug/ml

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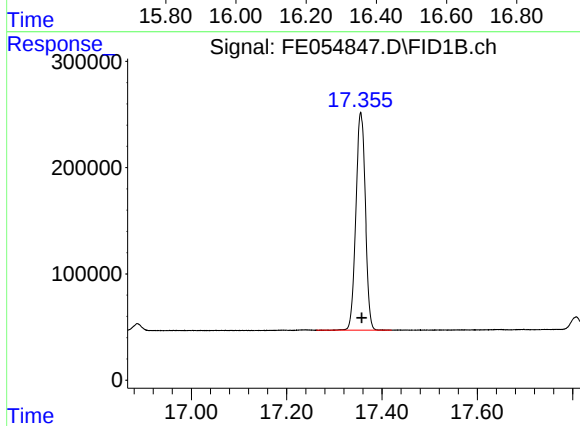
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: -0.001 min
Response: 2863442
Conc: 19.70 ug/ml



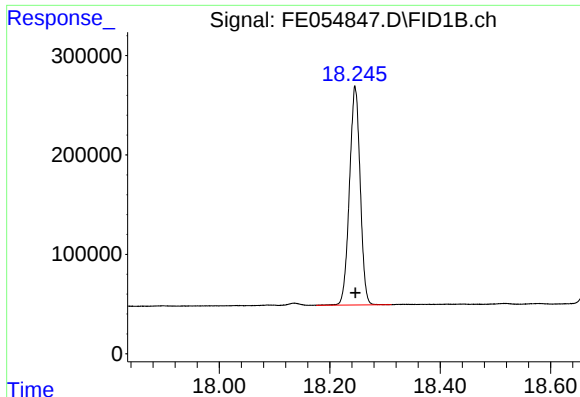
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 2818640
Conc: 19.48 ug/ml



#16 n-Octacosane (C28)

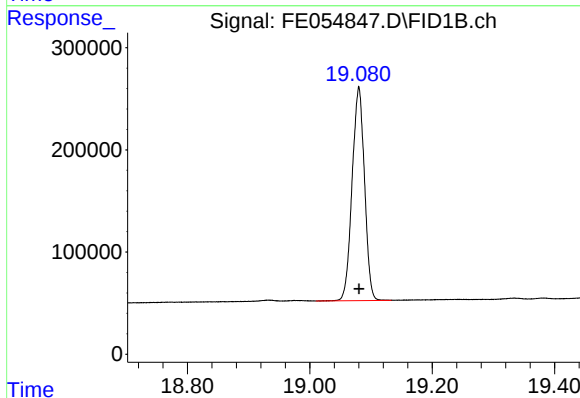
R.T.: 17.356 min
Delta R.T.: -0.002 min
Response: 2822101
Conc: 19.36 ug/ml



#17 n-Tricontane (C30)

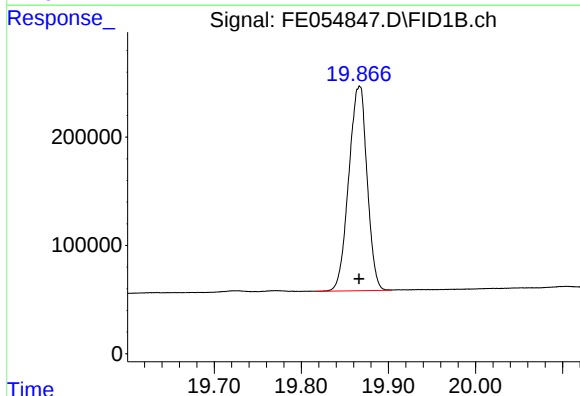
R.T.: 18.246 min
Delta R.T.: 0.000 min
Response: 2962953
Conc: 18.80 ug/ml

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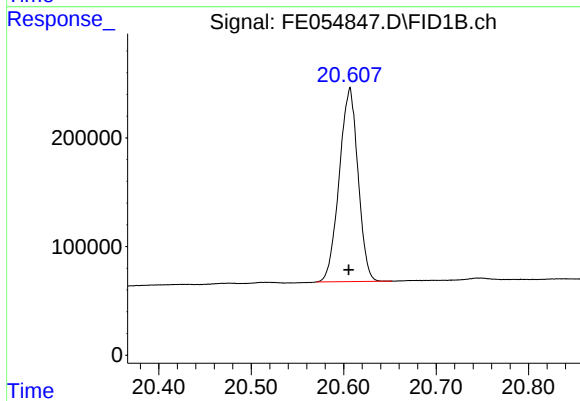
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: 0.000 min
Response: 2935318
Conc: 18.14 ug/ml



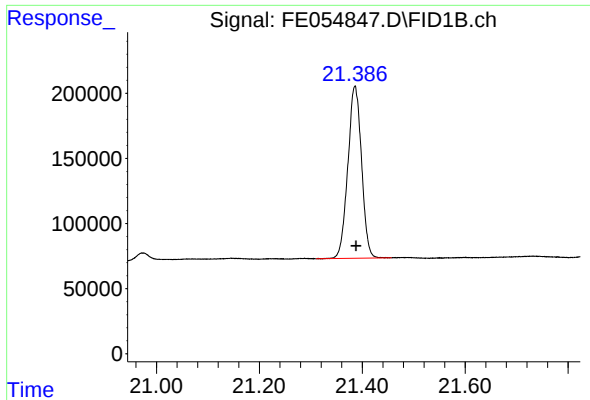
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 2761653
Conc: 18.12 ug/ml



#20 n-Hexatriacontane (C36)

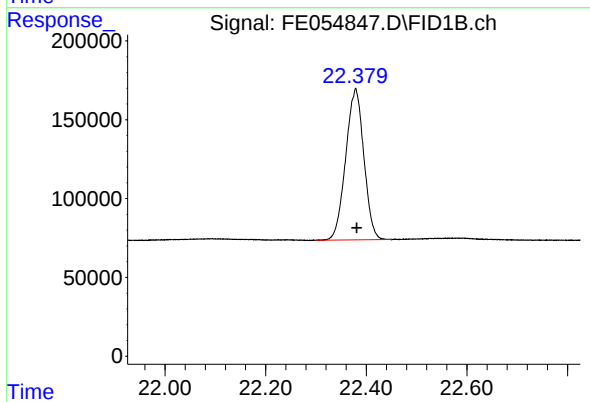
R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 2512142
Conc: 18.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.002 min
Response: 2440092
Conc: 20.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.379 min
Delta R.T.: -0.002 min
Response: 2392091
Conc: 22.07 ug/ml