

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113023AL\
 Data File : FE045592.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2023 13:51
 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: Nov 30 15:11:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.860	4005955	19.157 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
12) S 1-chlorooctadecane (S...	13.304	3014502	19.158 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T n-Nonane (C9)	3.251	3059313	19.292 ug/ml
2) T n-Decane (C10)	4.501	3075419	19.205 ug/ml
3) T A~Naphthalene (C11.7)	6.200	3378442	19.395 ug/ml
4) T n-Dodecane (C12)	6.667	3109261	19.249 ug/ml
5) T A~2-methylnaphthalene...	7.295	3287818	19.361 ug/ml
6) T n-Tetradecane (C14)	8.494	3105119	19.356 ug/ml
7) T n-Hexadecane (C16)	10.103	3198072	19.313 ug/ml
8) T n-Octadecane (C18)	11.547	3315927	19.341 ug/ml
10) T n-Eicosane (C20)	12.859	3319599	19.186 ug/ml
11) T n-Heneicosane (C21)	13.472	3304969	19.212 ug/ml
13) T n-Docosane (C22)	14.059	3308922	19.191 ug/ml
14) T n-Tetracosane (C24)	15.164	3340837	19.136 ug/ml
15) T n-Hexacosane (C26)	16.187	3324210	19.088 ug/ml
16) T n-Octacosane (C28)	17.138	3271152	18.927 ug/ml
17) T n-Tricontane (C30)	18.026	3297464	18.848 ug/ml
18) T n-Dotriacontane (C32)	18.860	3531934	19.360 ug/ml
19) T n-Tetratriacontane (C34)	19.646	3097490	18.667 ug/ml
20) T n-Hexatriacontane (C36)	20.386	2962796	18.665 ug/ml
21) T n-Octatriacontane (C38)	21.120	2826748	18.026 ug/ml
22) T n-Tetracontane (C40)	22.022	2492777	17.541 ug/ml

(f)=RT Delta > 1/2 Window

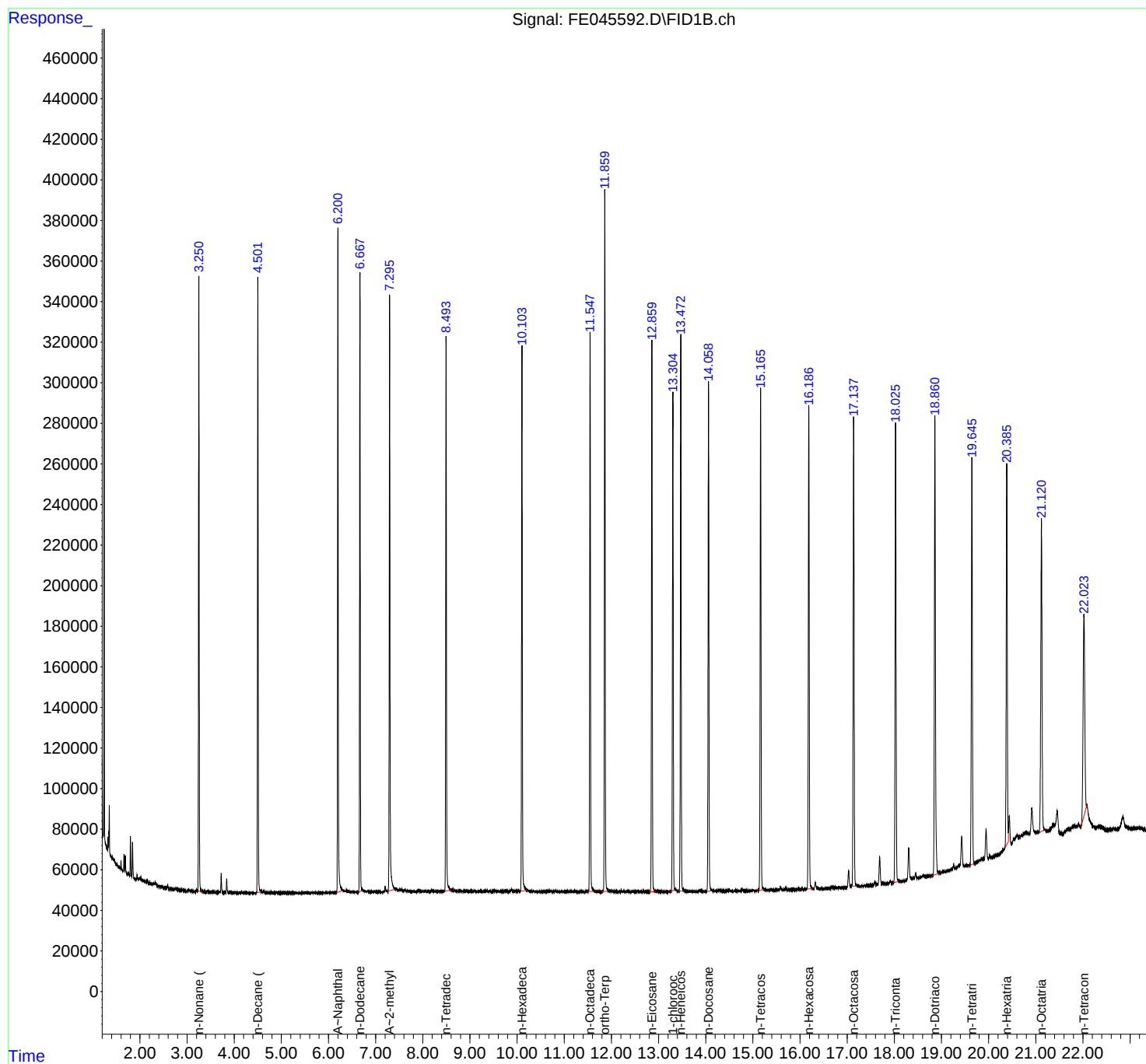
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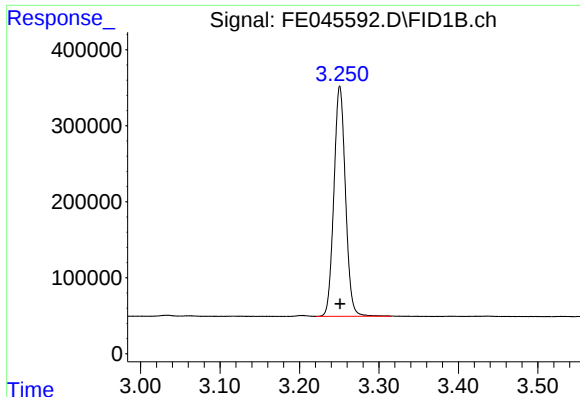
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113023AL\
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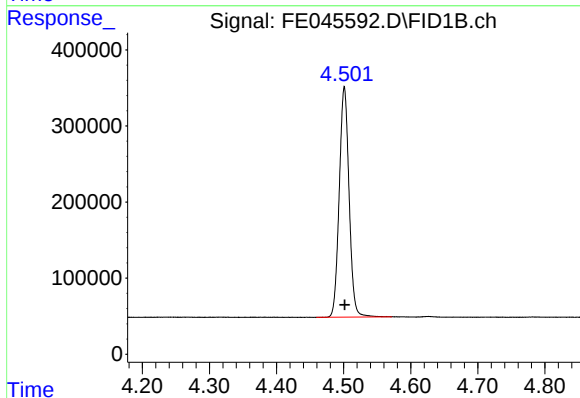




#1 n-Nonane (C9)

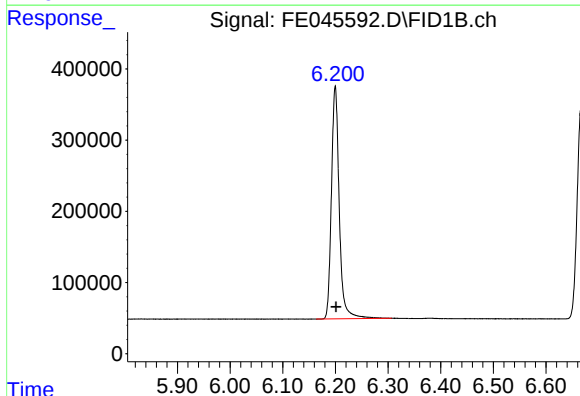
R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 3059313
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



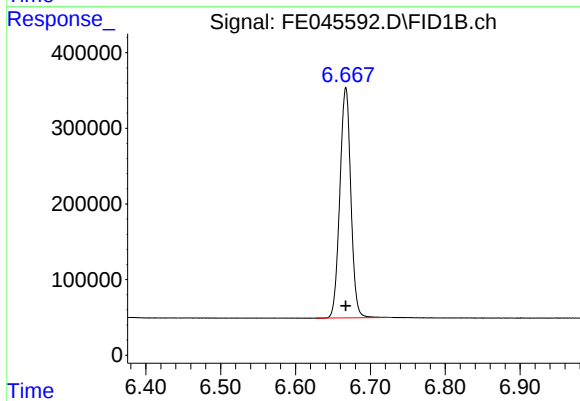
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3075419
Conc: 19.21 ug/ml



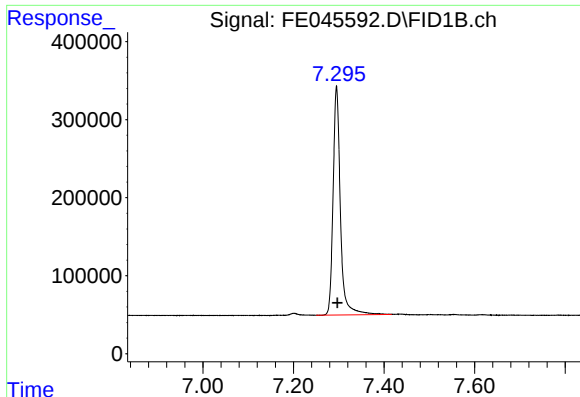
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 3378442
Conc: 19.39 ug/ml



#4 n-Dodecane (C12)

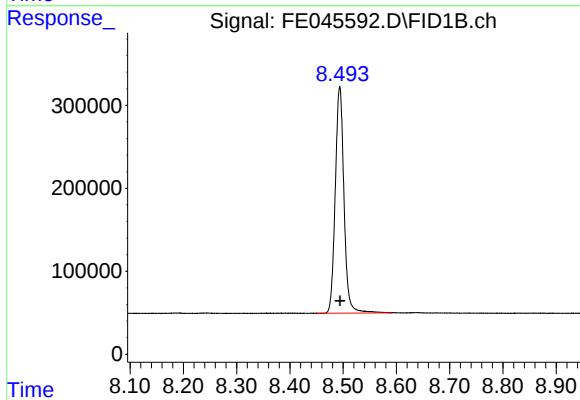
R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 3109261
Conc: 19.25 ug/ml



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

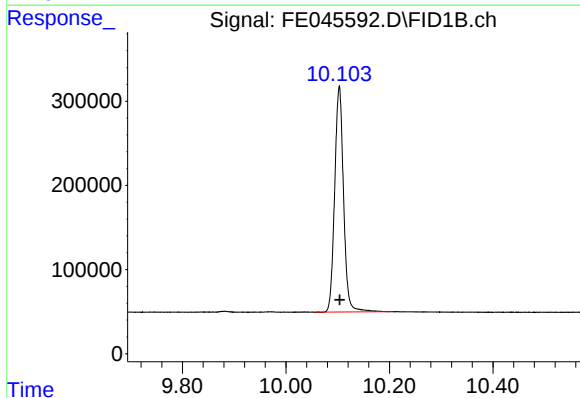
R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 3287818
Conc: 19.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



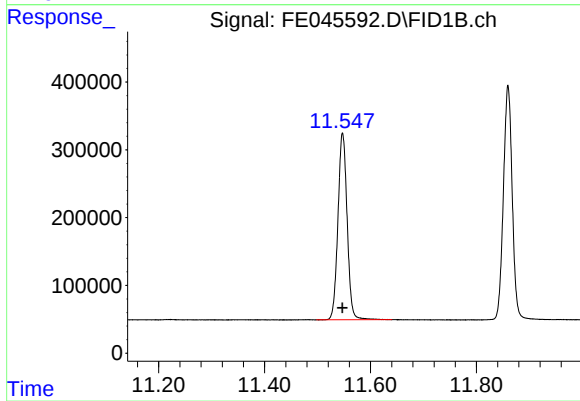
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 3105119
Conc: 19.36 ug/ml



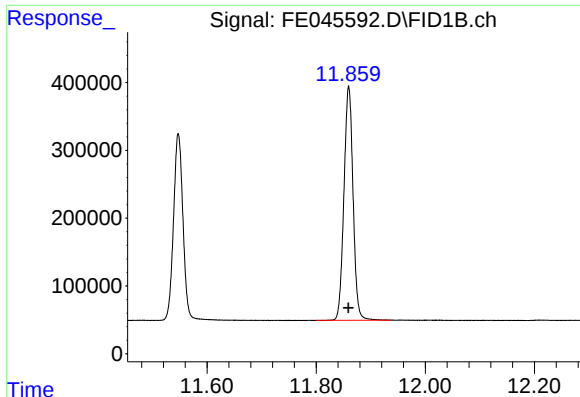
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: 0.000 min
Response: 3198072
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

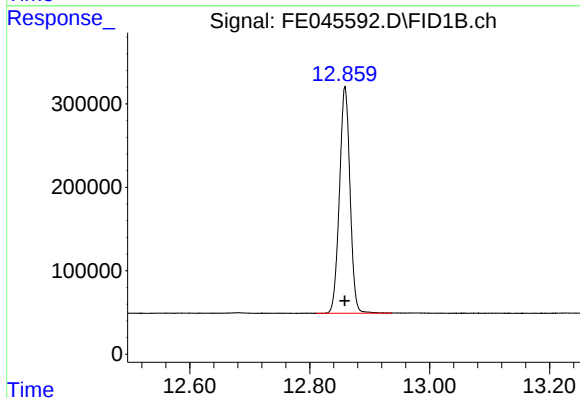
R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 3315927
Conc: 19.34 ug/ml



#9 ortho-Terphenyl (SURR)

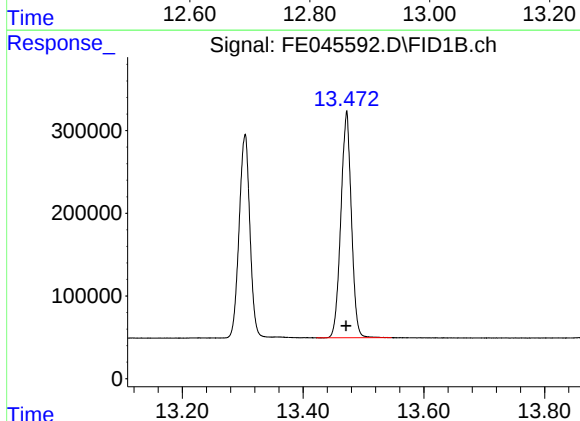
R.T.: 11.860 min
Delta R.T.: 0.000 min
Response: 4005955
Conc: 19.16 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



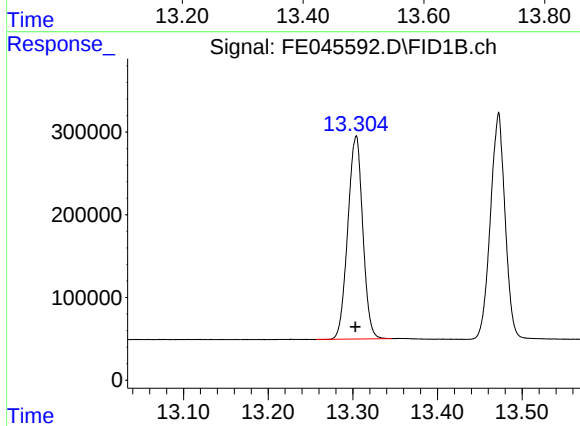
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: 0.000 min
Response: 3319599
Conc: 19.19 ug/ml



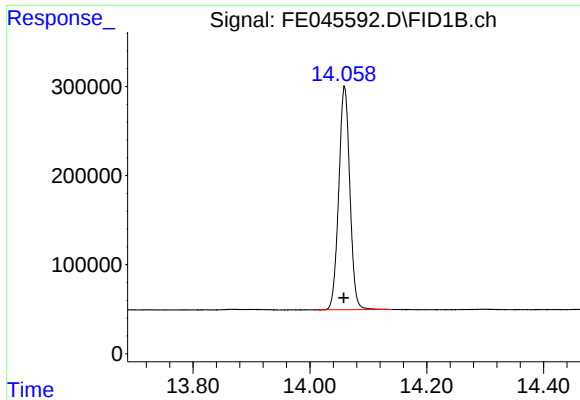
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: 0.001 min
Response: 3304969
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

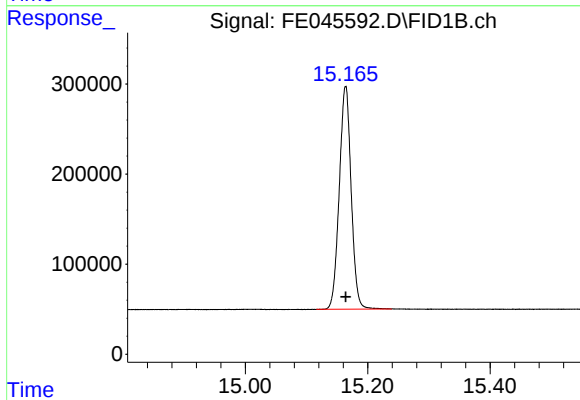
R.T.: 13.304 min
Delta R.T.: 0.001 min
Response: 3014502
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

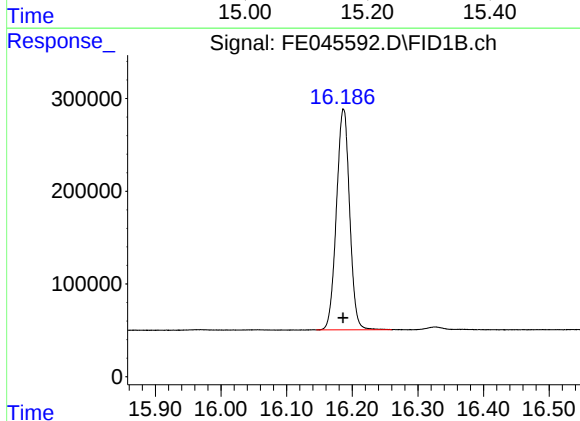
R.T.: 14.059 min
Delta R.T.: 0.001 min
Response: 3308922
Conc: 19.19 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



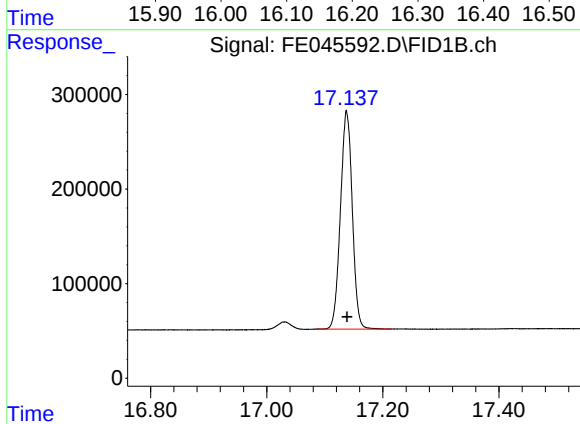
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: 0.000 min
Response: 3340837
Conc: 19.14 ug/ml



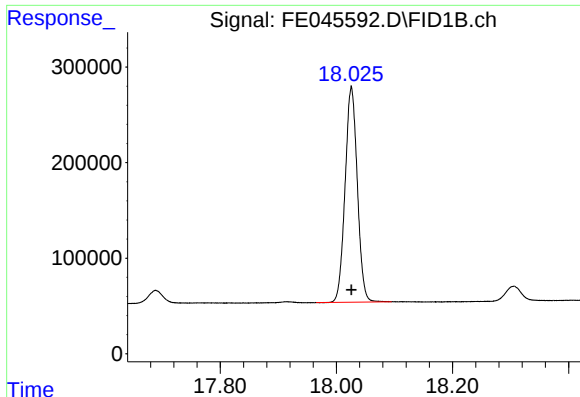
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: 0.000 min
Response: 3324210
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

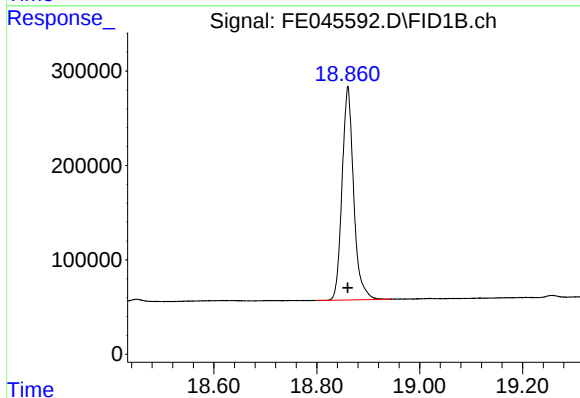
R.T.: 17.138 min
Delta R.T.: 0.000 min
Response: 3271152
Conc: 18.93 ug/ml



#17 n-Tricontane (C30)

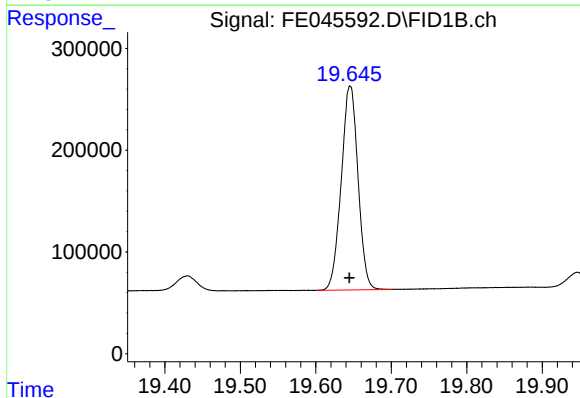
R.T.: 18.026 min
Delta R.T.: 0.000 min
Response: 3297464
Conc: 18.85 ug/ml

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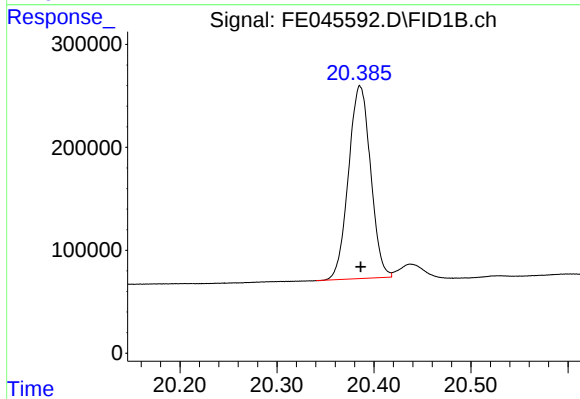
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: 0.000 min
Response: 3531934
Conc: 19.36 ug/ml



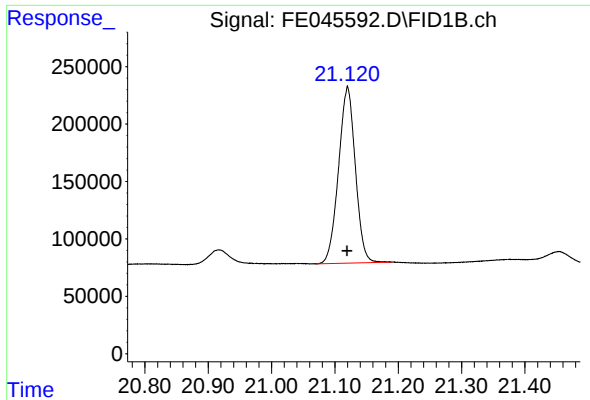
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.000 min
Response: 3097490
Conc: 18.67 ug/ml



#20 n-Hexatriacontane (C36)

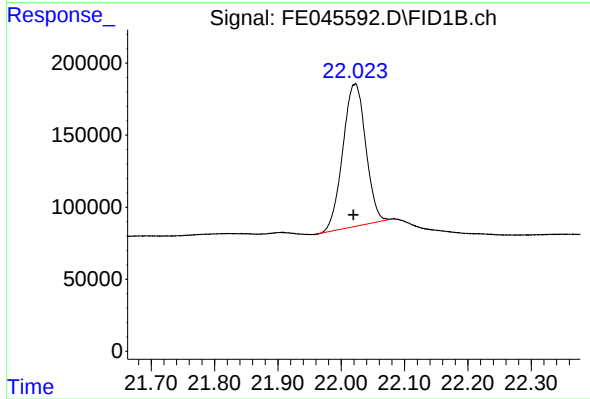
R.T.: 20.386 min
Delta R.T.: 0.000 min
Response: 2962796
Conc: 18.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: 0.001 min
Response: 2826748
Conc: 18.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: 0.002 min
Response: 2492777
Conc: 17.54 ug/ml