

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
 Data File : FE048102.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2024 00:08
 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: May 11 02:10:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.961	3031054	21.010 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
12) S 1-chlorooctadecane (S...	13.394	2332096	20.871 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
Target Compounds			
1) T n-Nonane (C9)	3.348	2878482	22.335 ug/ml
2) T n-Decane (C10)	4.596	2965859	22.528 ug/ml
3) T A~Naphthalene (C11.7)	6.302	3028607	21.933 ug/ml
4) T n-Dodecane (C12)	6.761	2950420	22.132 ug/ml
5) T A~2-methylnaphthalene...	7.397	2873020	21.589 ug/ml
6) T n-Tetradecane (C14)	8.589	2878054	21.718 ug/ml
7) T n-Hexadecane (C16)	10.197	2947897	21.434 ug/ml
8) T n-Octadecane (C18)	11.639	2961229	21.258 ug/ml
10) T n-Eicosane (C20)	12.949	2820356	20.947 ug/ml
11) T n-Heneicosane (C21)	13.561	2736086	20.669 ug/ml
13) T n-Docosane (C22)	14.146	2708700	20.440 ug/ml
14) T n-Tetracosane (C24)	15.248	2677660	20.110 ug/ml
15) T n-Hexacosane (C26)	16.268	2639845	19.782 ug/ml
16) T n-Octacosane (C28)	17.216	2628689	19.743 ug/ml
17) T n-Tricontane (C30)	18.102	2785506	20.183 ug/ml
18) T n-Dotriacontane (C32)	18.935	2868490	20.767 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2705324	19.860 ug/ml
20) T n-Hexatriacontane (C36)	20.458	2646258	19.544 ug/ml
21) T n-Octatriacontane (C38)	21.196	2480499	17.966 ug/ml
22) T n-Tetracontane (C40)	22.117	2426862	17.419 ug/ml

(f)=RT Delta > 1/2 Window

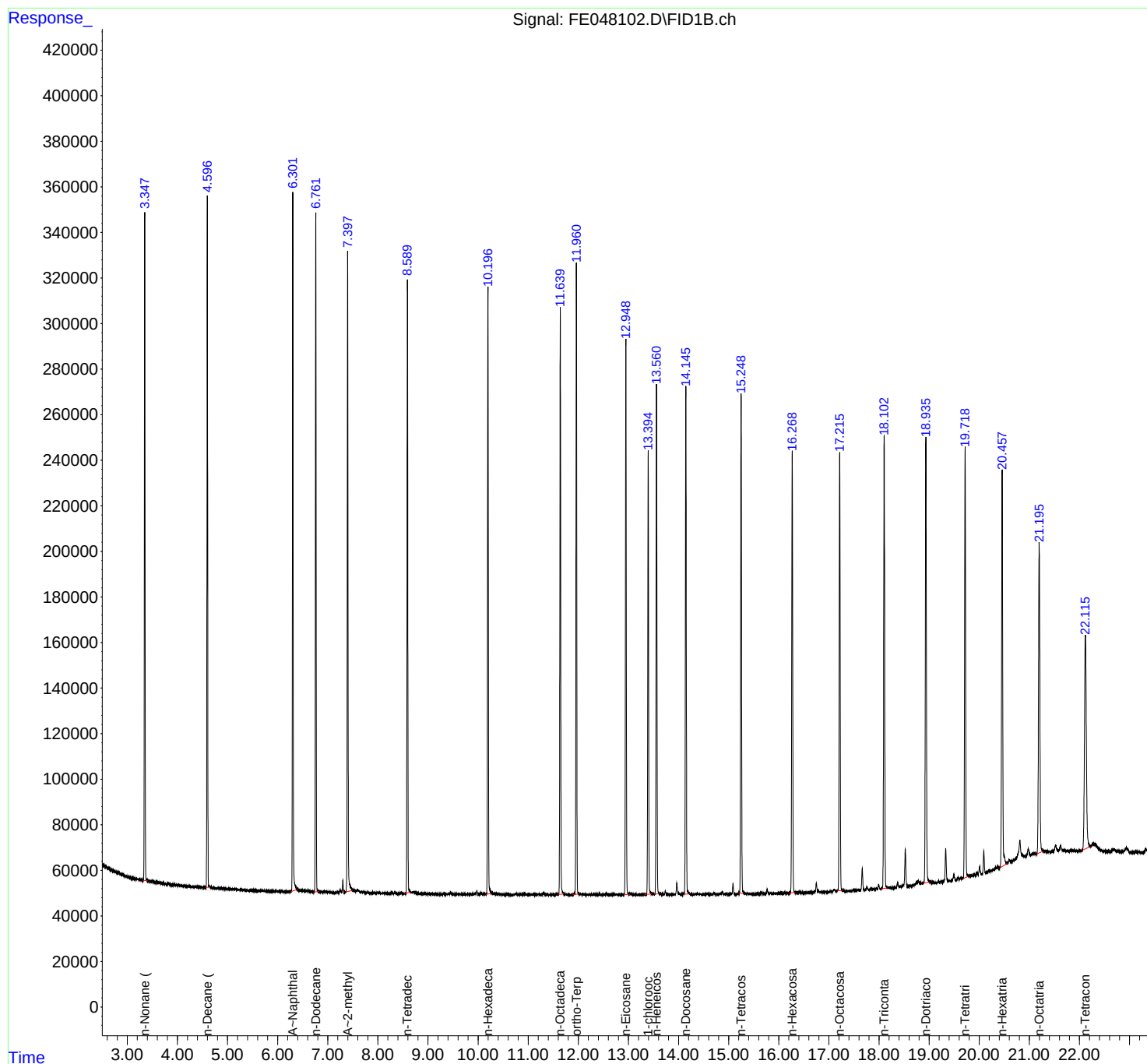
(m)=manual int.

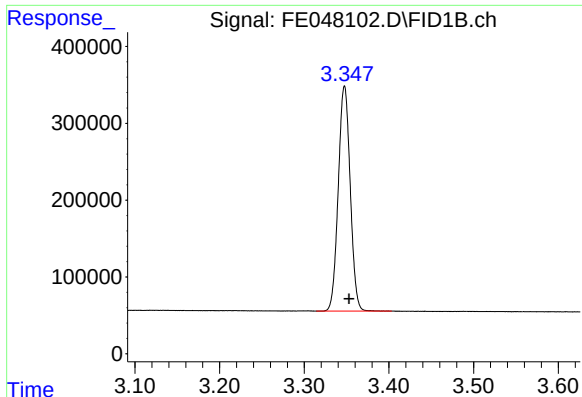
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
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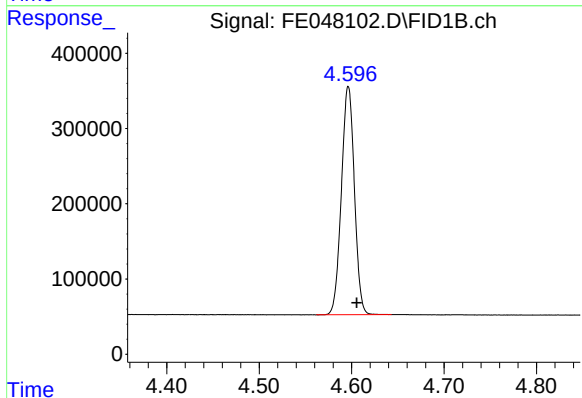




#1 n-Nonane (C9)

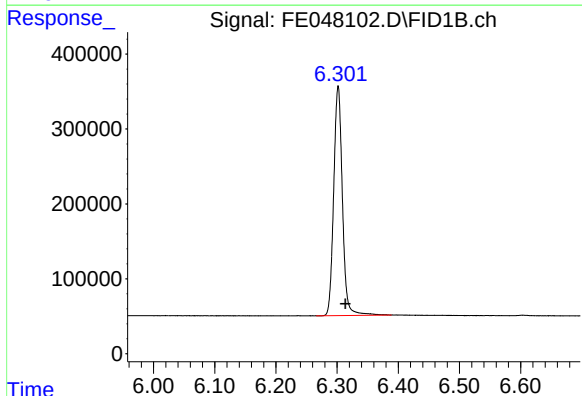
R.T.: 3.348 min
Delta R.T.: -0.005 min
Response: 2878482
Conc: 22.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



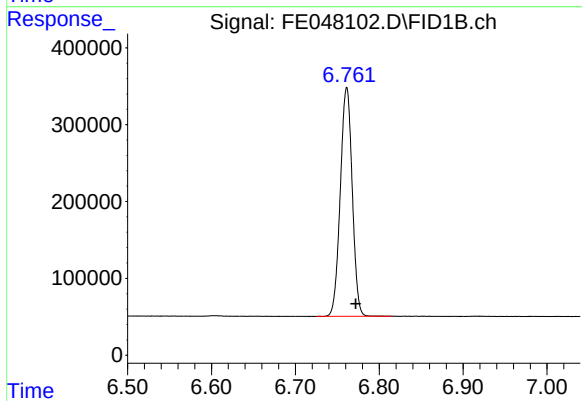
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.009 min
Response: 2965859
Conc: 22.53 ug/ml



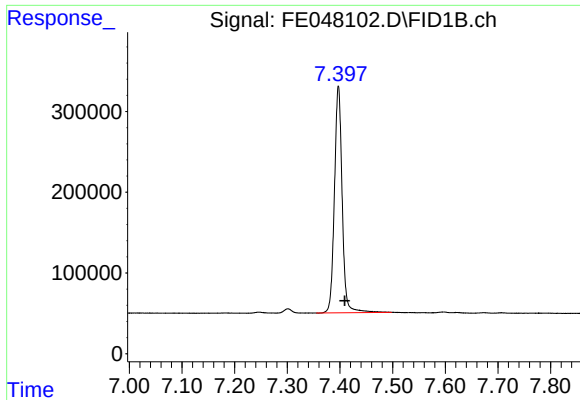
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.012 min
Response: 3028607
Conc: 21.93 ug/ml



#4 n-Dodecane (C12)

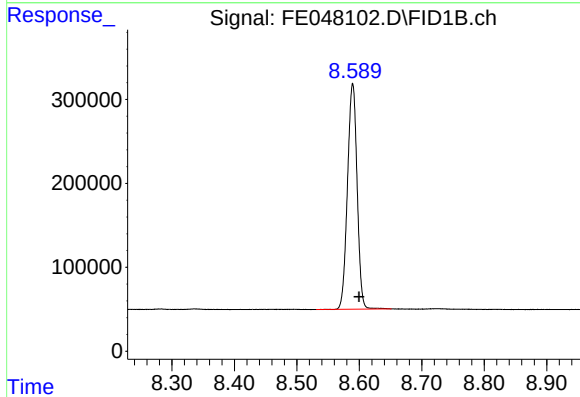
R.T.: 6.761 min
Delta R.T.: -0.010 min
Response: 2950420
Conc: 22.13 ug/ml



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

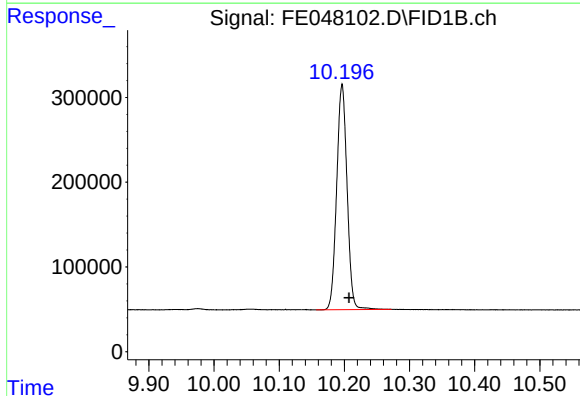
R.T.: 7.397 min
Delta R.T.: -0.012 min
Response: 2873020
Conc: 21.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



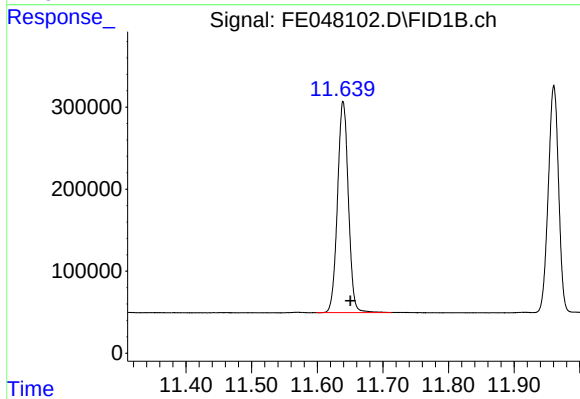
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.010 min
Response: 2878054
Conc: 21.72 ug/ml



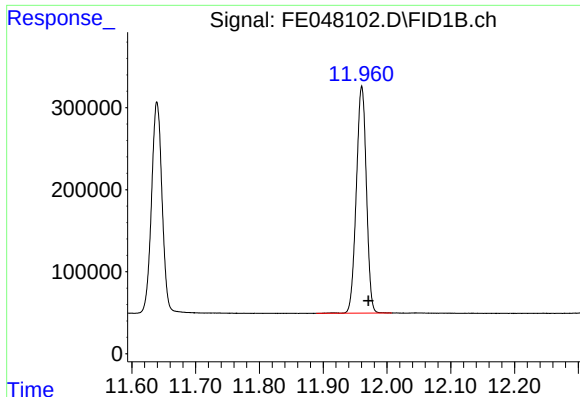
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.010 min
Response: 2947897
Conc: 21.43 ug/ml



#8 n-Octadecane (C18)

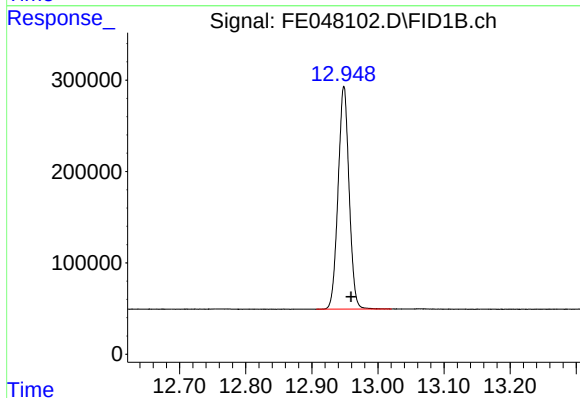
R.T.: 11.639 min
Delta R.T.: -0.011 min
Response: 2961229
Conc: 21.26 ug/ml



#9 ortho-Terphenyl (SURR)

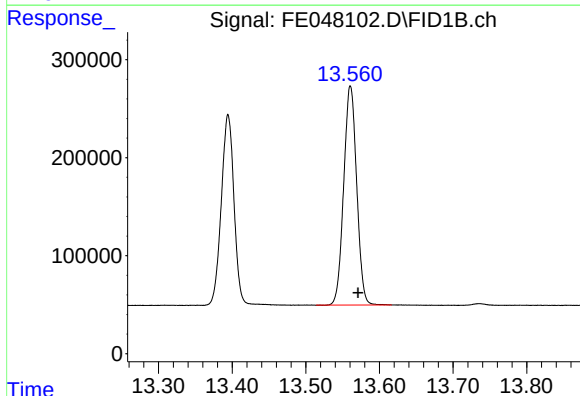
R.T.: 11.961 min
Delta R.T.: -0.011 min
Response: 3031054
Conc: 21.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



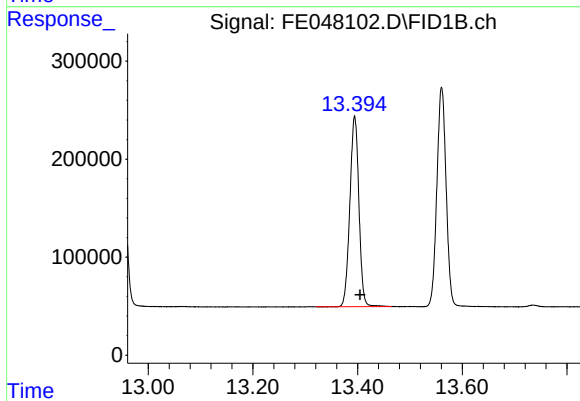
#10 n-Eicosane (C20)

R.T.: 12.949 min
Delta R.T.: -0.011 min
Response: 2820356
Conc: 20.95 ug/ml



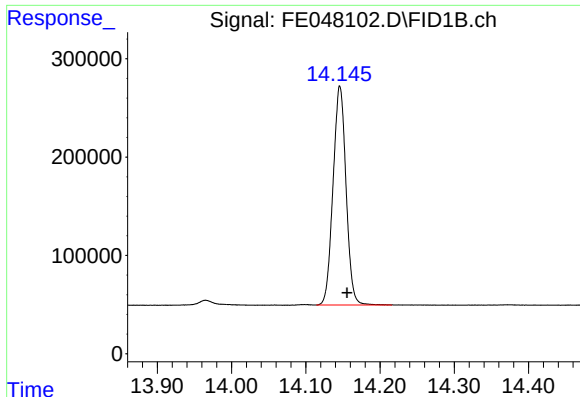
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.011 min
Response: 2736086
Conc: 20.67 ug/ml



#12 1-chlorooctadecane (SURR)

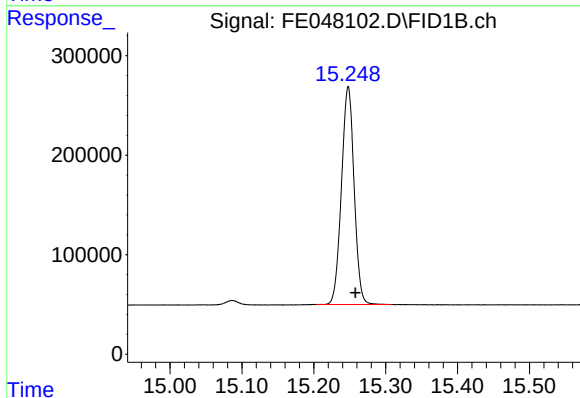
R.T.: 13.394 min
Delta R.T.: -0.010 min
Response: 2332096
Conc: 20.87 ug/ml



#13 n-Docosane (C22)

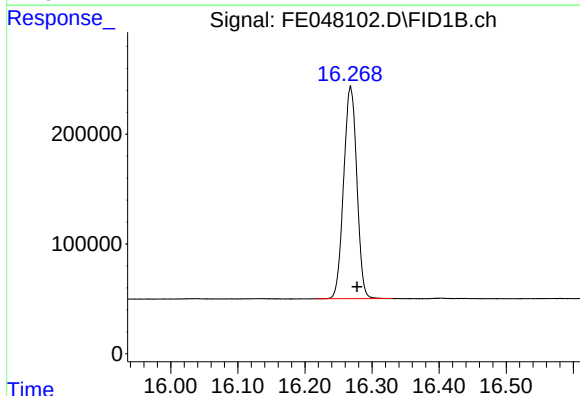
R.T.: 14.146 min
Delta R.T.: -0.010 min
Response: 2708700
Conc: 20.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



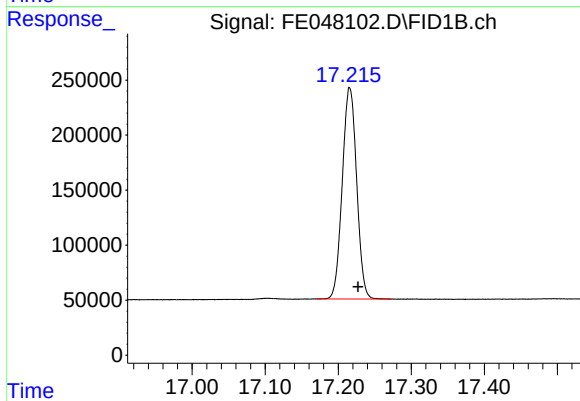
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.010 min
Response: 2677660
Conc: 20.11 ug/ml



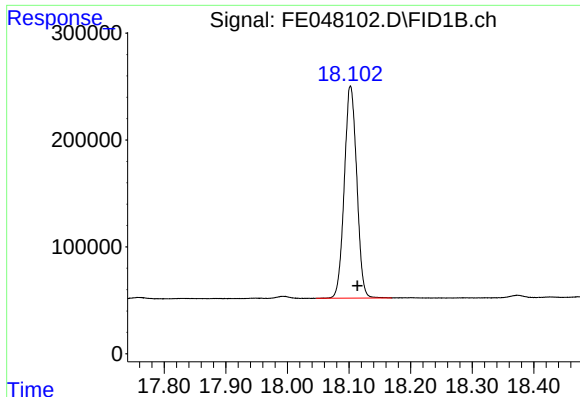
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.010 min
Response: 2639845
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

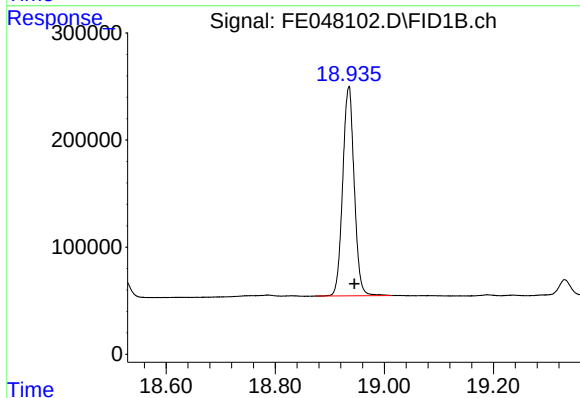
R.T.: 17.216 min
Delta R.T.: -0.011 min
Response: 2628689
Conc: 19.74 ug/ml



#17 n-Tricontane (C30)

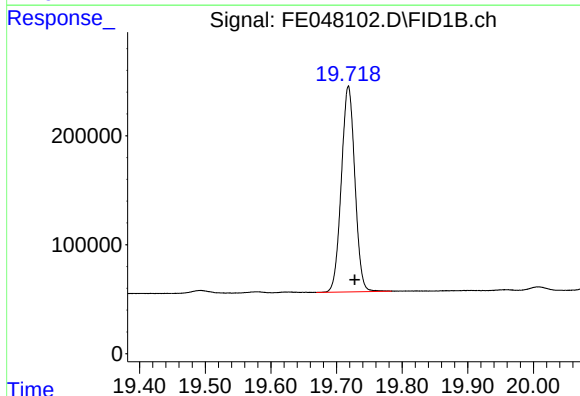
R.T.: 18.102 min
Delta R.T.: -0.011 min
Response: 2785506
Conc: 20.18 ug/ml

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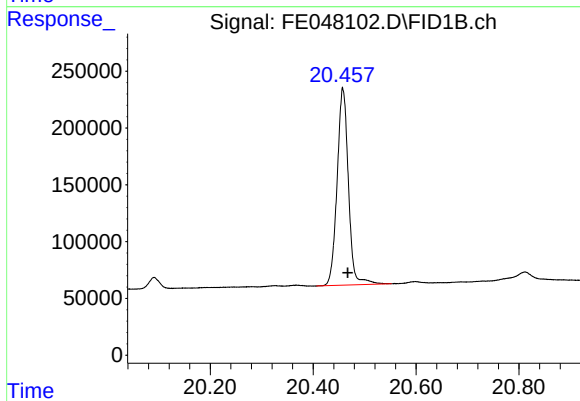
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.010 min
Response: 2868490
Conc: 20.77 ug/ml



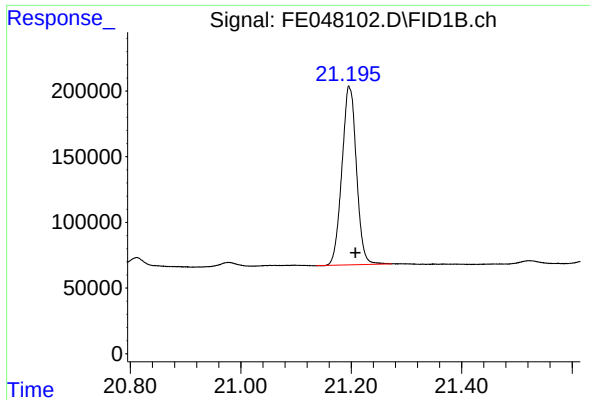
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.010 min
Response: 2705324
Conc: 19.86 ug/ml



#20 n-Hexatriacontane (C36)

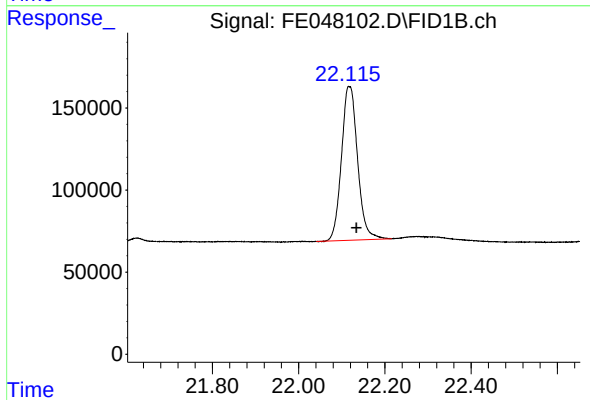
R.T.: 20.458 min
Delta R.T.: -0.010 min
Response: 2646258
Conc: 19.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.012 min
Response: 2480499
Conc: 17.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: -0.017 min
Response: 2426862
Conc: 17.42 ug/ml