

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070924AL\
 Data File : FE049014.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jul 2024 10:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 10 01:26:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.928	2907278	17.387 ug/ml
Spiked Amount 50.000		Recovery =	34.77%
12) S 1-chlorooctadecane (S...	13.363	2206271	17.157 ug/ml
Spiked Amount 50.000		Recovery =	34.31%
Target Compounds			
1) T n-Nonane (C9)	3.314	2774711	18.456 ug/ml
2) T n-Decane (C10)	4.564	2886397	18.756 ug/ml
3) T A~Naphthalene (C11.7)	6.271	2918666	18.385 ug/ml
4) T n-Dodecane (C12)	6.730	2862972	18.546 ug/ml
5) T A~2-methylnaphthalene...	7.367	2758420	18.215 ug/ml
6) T n-Tetradecane (C14)	8.558	2830008	18.465 ug/ml
7) T n-Hexadecane (C16)	10.165	2877432	18.403 ug/ml
8) T n-Octadecane (C18)	11.609	2869551	17.992 ug/ml
10) T n-Eicosane (C20)	12.917	2739360	17.669 ug/ml
11) T n-Heneicosane (C21)	13.529	2681574	17.611 ug/ml
13) T n-Docosane (C22)	14.115	2661129	17.596 ug/ml
14) T n-Tetracosane (C24)	15.217	2648575	17.624 ug/ml
15) T n-Hexacosane (C26)	16.238	2671603	18.096 ug/ml
16) T n-Octacosane (C28)	17.188	2717663	18.844 ug/ml
17) T n-Tricontane (C30)	18.075	2975379	20.338 ug/ml
18) T n-Dotriacontane (C32)	18.906	3029183	21.186 ug/ml
19) T n-Tetratriacontane (C34)	19.690	2933621	21.201 ug/ml
20) T n-Hexatriacontane (C36)	20.429	2841675	21.865 ug/ml
21) T n-Octatriacontane (C38)	21.164	2875251	22.429 ug/ml
22) T n-Tetracontane (C40)	22.078	2881606	23.531 ug/ml

(f)=RT Delta > 1/2 Window

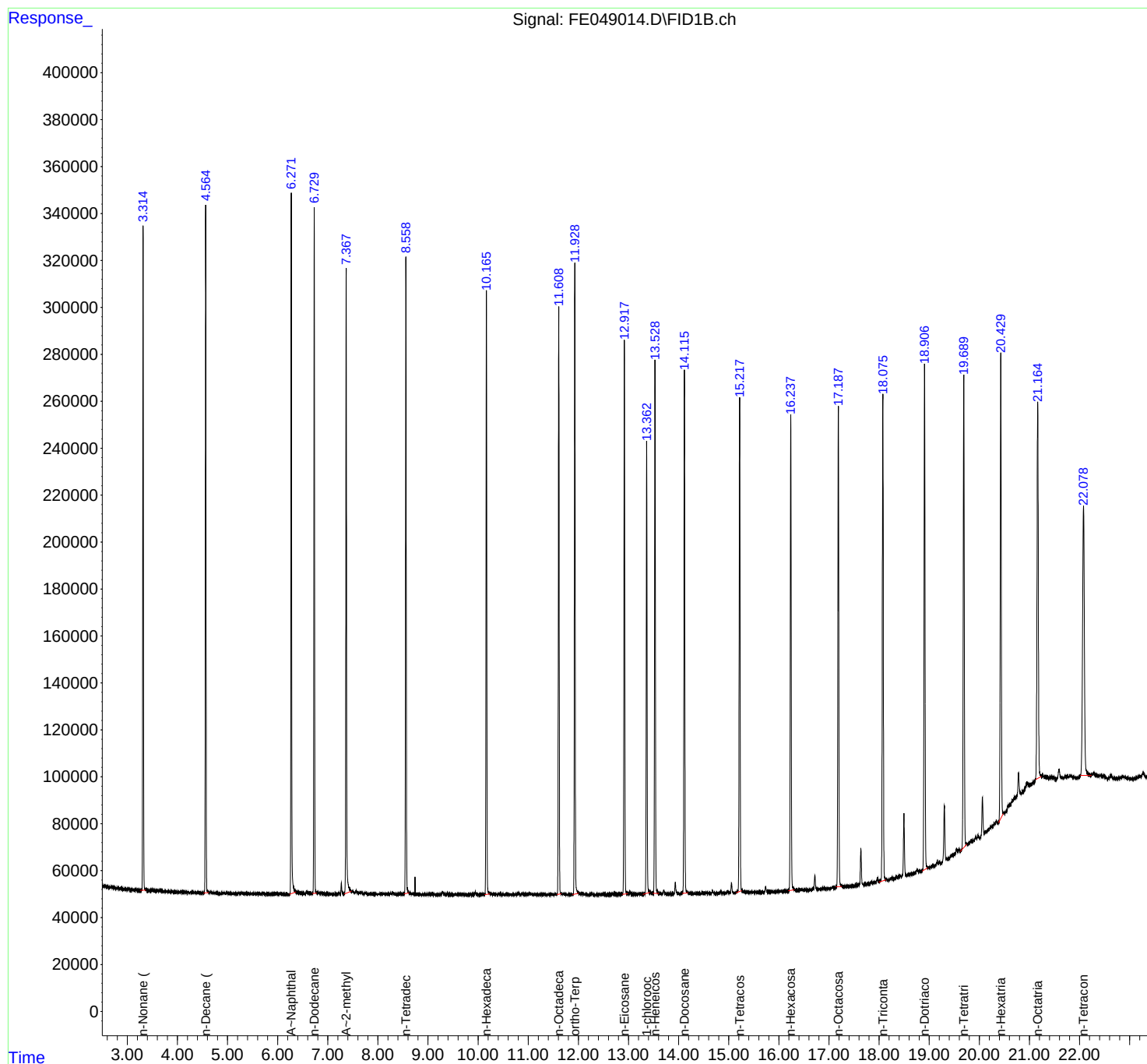
(m)=manual int.

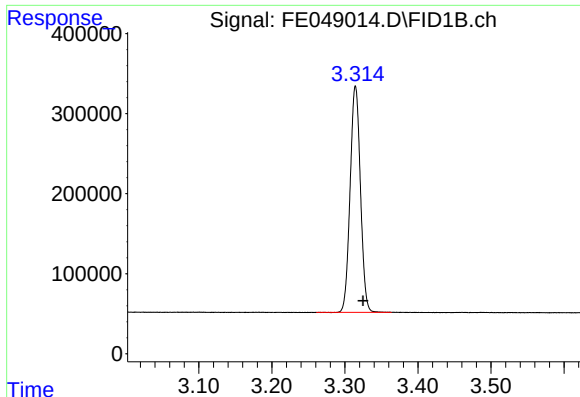
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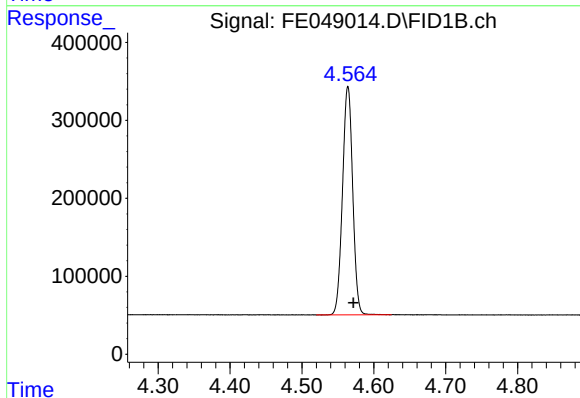




#1 n-Nonane (C9)

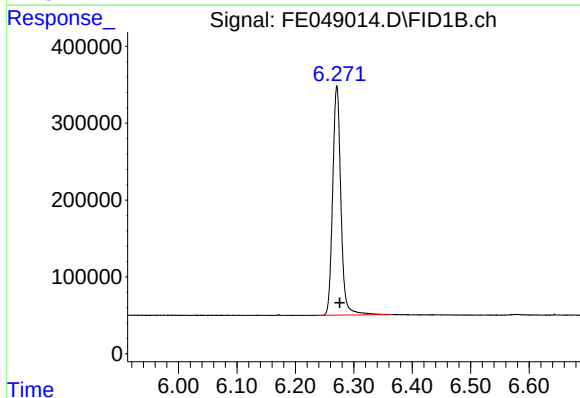
R.T.: 3.314 min
Delta R.T.: -0.011 min
Response: 2774711
Conc: 18.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



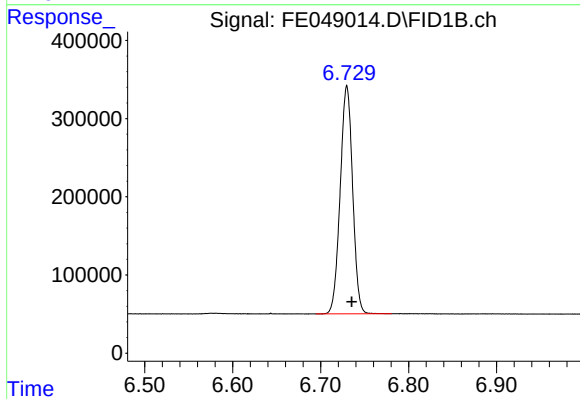
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: -0.007 min
Response: 2886397
Conc: 18.76 ug/ml



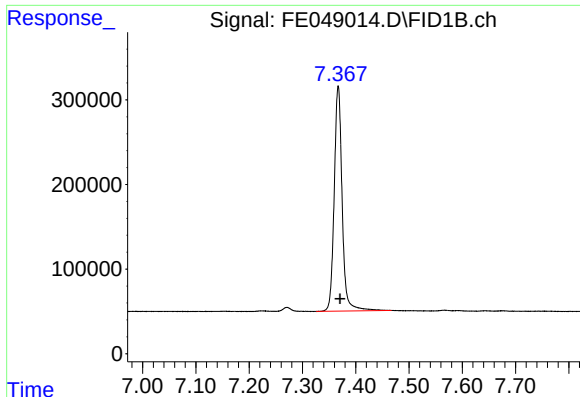
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 2918666
Conc: 18.38 ug/ml



#4 n-Dodecane (C12)

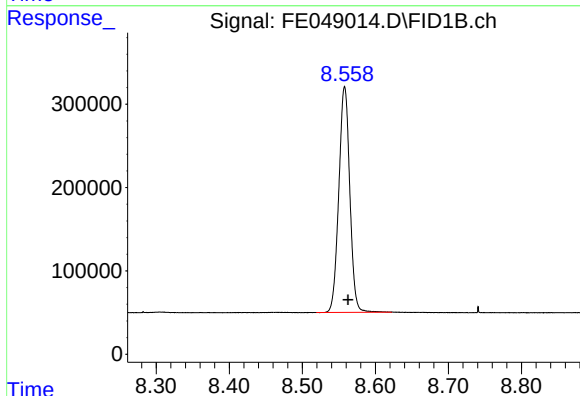
R.T.: 6.730 min
Delta R.T.: -0.005 min
Response: 2862972
Conc: 18.55 ug/ml



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

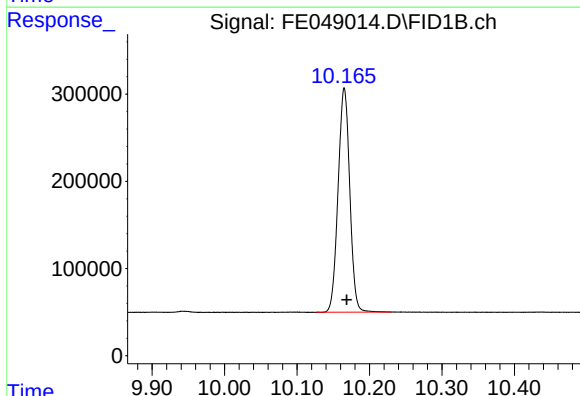
R.T.: 7.367 min
Delta R.T.: -0.003 min
Response: 2758420
Conc: 18.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



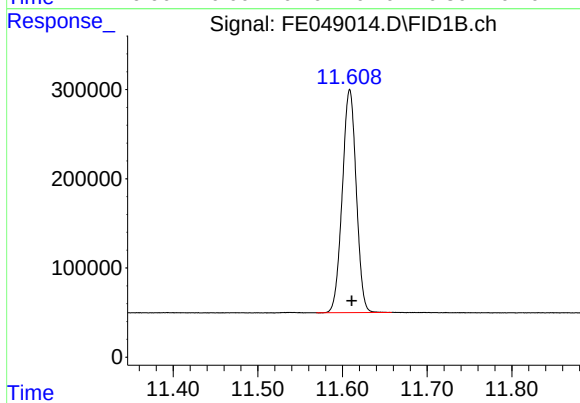
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: -0.004 min
Response: 2830008
Conc: 18.46 ug/ml



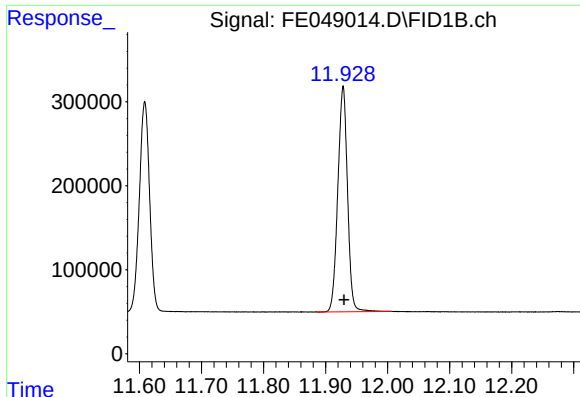
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: -0.004 min
Response: 2877432
Conc: 18.40 ug/ml



#8 n-Octadecane (C18)

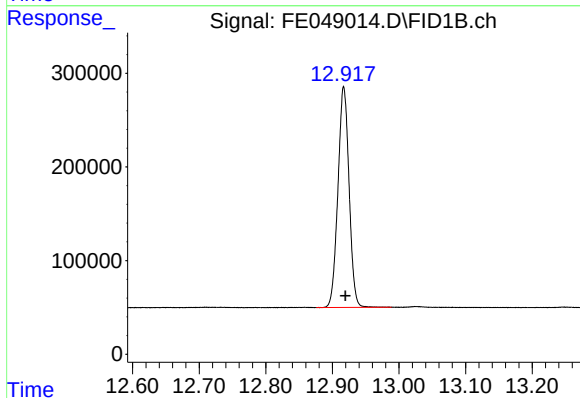
R.T.: 11.609 min
Delta R.T.: -0.002 min
Response: 2869551
Conc: 17.99 ug/ml



#9 ortho-Terphenyl (SURR)

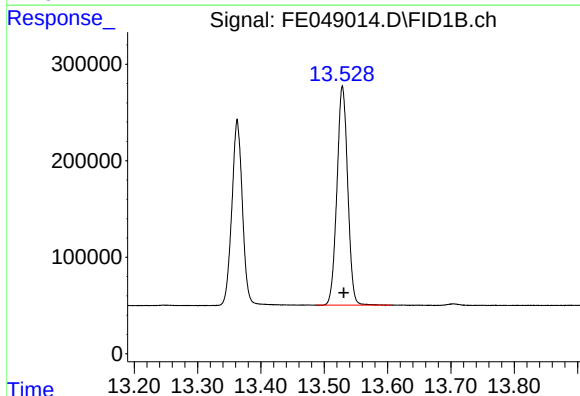
R.T.: 11.928 min
Delta R.T.: -0.001 min
Response: 2907278
Conc: 17.39 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



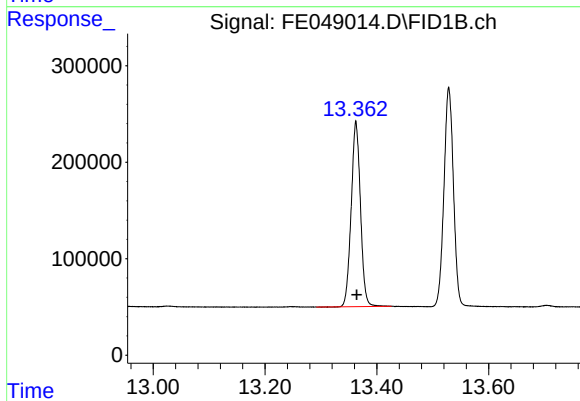
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.003 min
Response: 2739360
Conc: 17.67 ug/ml



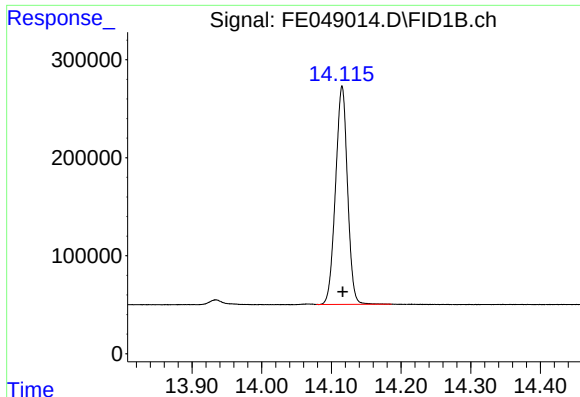
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.002 min
Response: 2681574
Conc: 17.61 ug/ml



#12 1-chlorooctadecane (SURR)

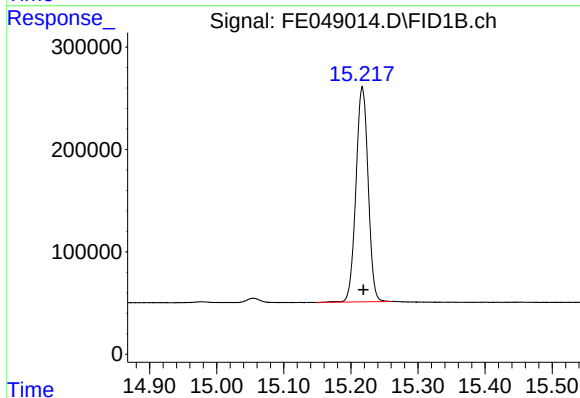
R.T.: 13.363 min
Delta R.T.: -0.001 min
Response: 2206271
Conc: 17.16 ug/ml



#13 n-Docosane (C22)

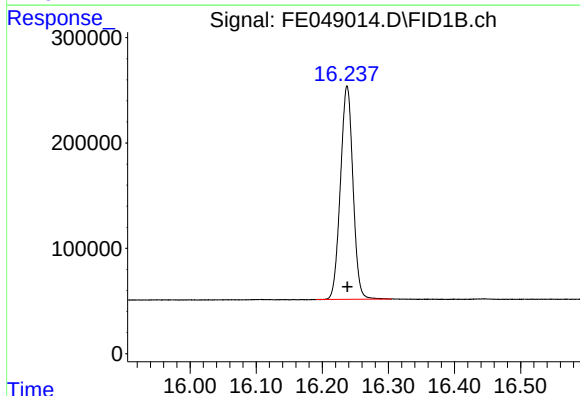
R.T.: 14.115 min
Delta R.T.: -0.001 min
Response: 2661129
Conc: 17.60 ug/ml

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20 PPM ALIPHATIC HC STD



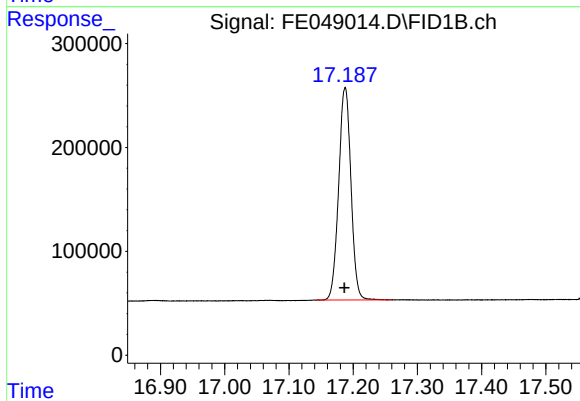
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: -0.001 min
Response: 2648575
Conc: 17.62 ug/ml



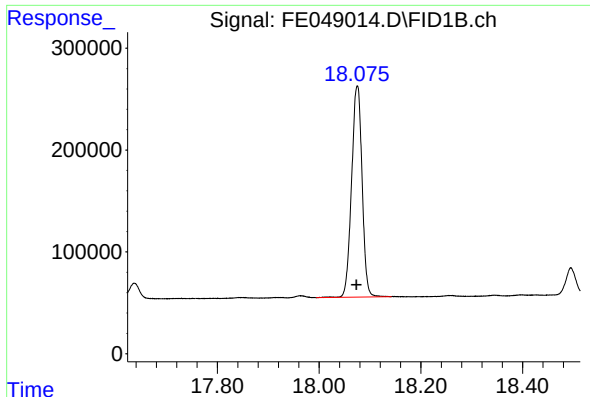
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.000 min
Response: 2671603
Conc: 18.10 ug/ml



#16 n-Octacosane (C28)

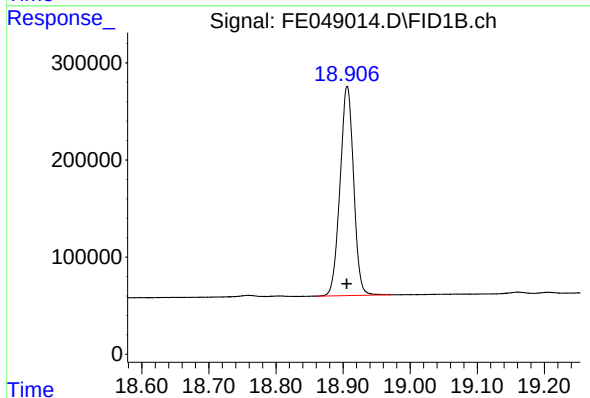
R.T.: 17.188 min
Delta R.T.: 0.001 min
Response: 2717663
Conc: 18.84 ug/ml



#17 n-Tricontane (C30)

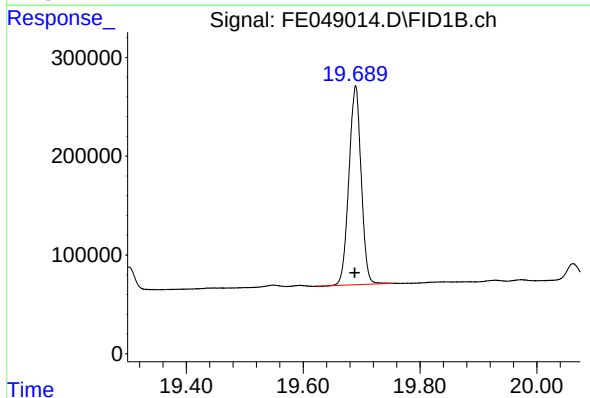
R.T.: 18.075 min
Delta R.T.: 0.002 min
Response: 2975379
Conc: 20.34 ug/ml

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20 PPM ALIPHATIC HC STD



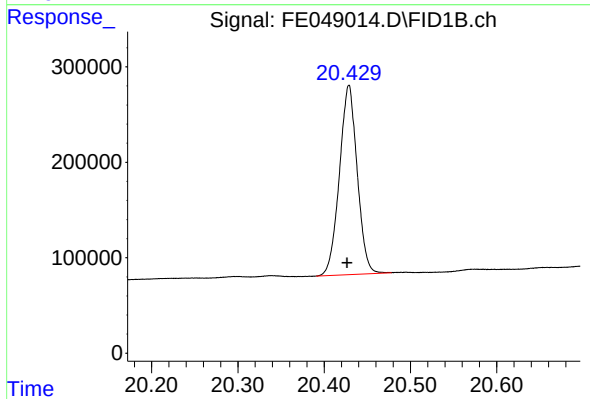
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: 0.000 min
Response: 3029183
Conc: 21.19 ug/ml



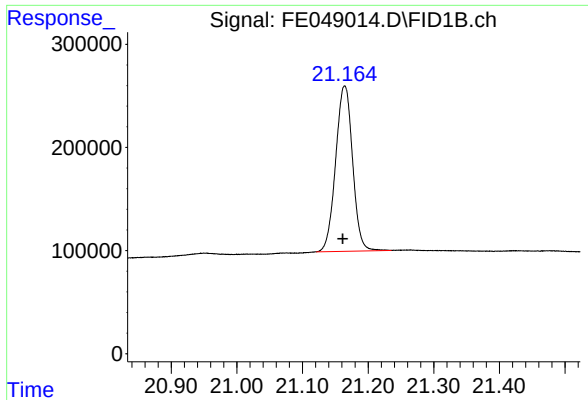
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: 0.002 min
Response: 2933621
Conc: 21.20 ug/ml



#20 n-Hexatriacontane (C36)

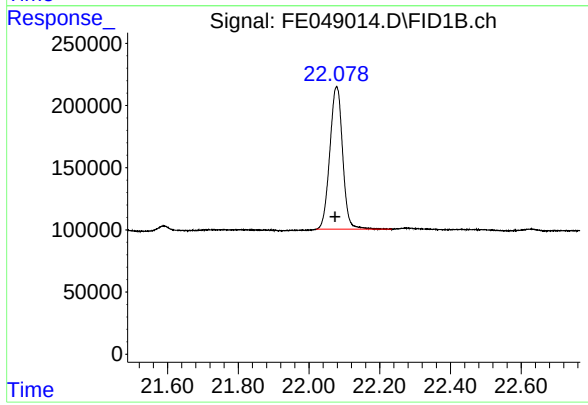
R.T.: 20.429 min
Delta R.T.: 0.002 min
Response: 2841675
Conc: 21.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: 0.003 min
Response: 2875251
Conc: 22.43 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: 0.004 min
Response: 2881606
Conc: 23.53 ug/ml