

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060324AL\
 Data File : FE048509.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2024 14:05
 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: Jun 04 01:29:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.948	2632694	18.334 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
12) S 1-chlorooctadecane (S...	13.382	1983032	18.203 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
Target Compounds			
1) T n-Nonane (C9)	3.335	2685015	17.959 ug/ml
2) T n-Decane (C10)	4.585	2775615	18.381 ug/ml
3) T A~Naphthalene (C11.7)	6.291	2706327	18.176 ug/ml
4) T n-Dodecane (C12)	6.750	2713246	18.329 ug/ml
5) T A~2-methylnaphthalene...	7.387	2524393	18.206 ug/ml
6) T n-Tetradecane (C14)	8.578	2593912	18.288 ug/ml
7) T n-Hexadecane (C16)	10.185	2571657	18.241 ug/ml
8) T n-Octadecane (C18)	11.628	2538472	18.277 ug/ml
10) T n-Eicosane (C20)	12.937	2424225	18.319 ug/ml
11) T n-Heneicosane (C21)	13.548	2371634	18.310 ug/ml
13) T n-Docosane (C22)	14.134	2387144	18.525 ug/ml
14) T n-Tetracosane (C24)	15.237	2484919	19.181 ug/ml
15) T n-Hexacosane (C26)	16.257	2527313	19.500 ug/ml
16) T n-Octacosane (C28)	17.205	2609742	20.191 ug/ml
17) T n-Tricontane (C30)	18.091	2765475	20.644 ug/ml
18) T n-Dotriacontane (C32)	18.923	2792979	20.576 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2653958	19.400 ug/ml
20) T n-Hexatriacontane (C36)	20.446	2538271	18.673 ug/ml
21) T n-Octatriacontane (C38)	21.184	2519344	18.474 ug/ml
22) T n-Tetracontane (C40)	22.102	2406712	17.577 ug/ml

(f)=RT Delta > 1/2 Window

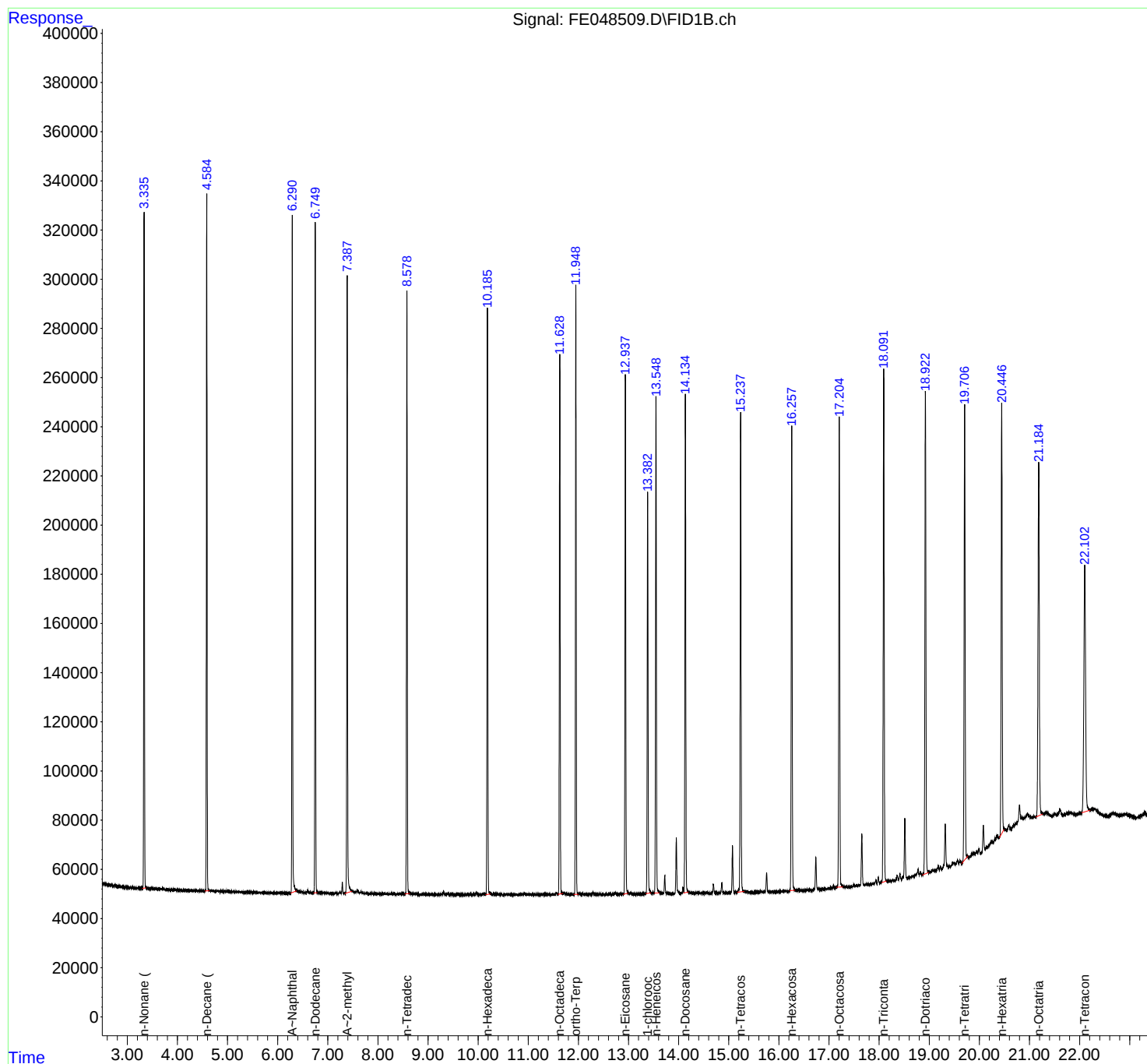
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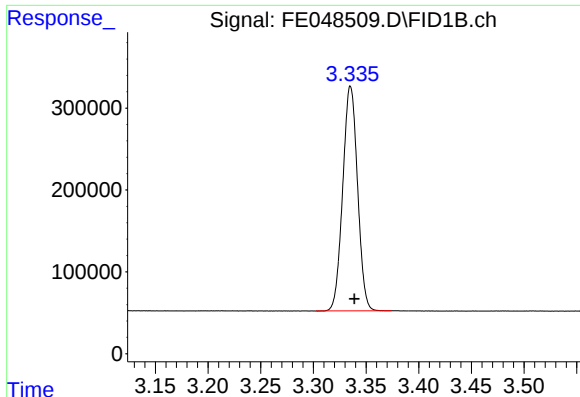
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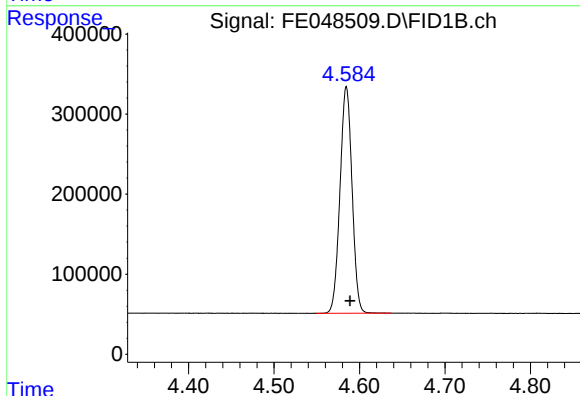




#1 n-Nonane (C9)

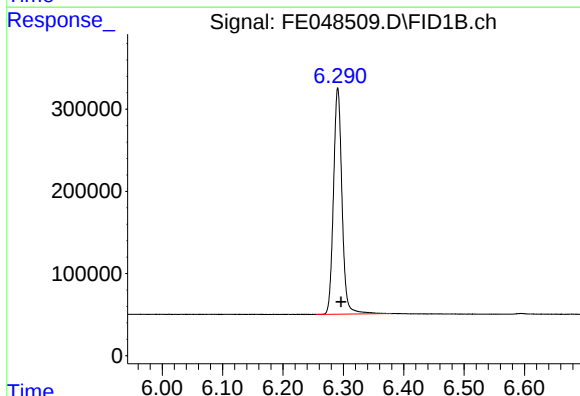
R.T.: 3.335 min
Delta R.T.: -0.004 min
Response: 2685015
Conc: 17.96 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



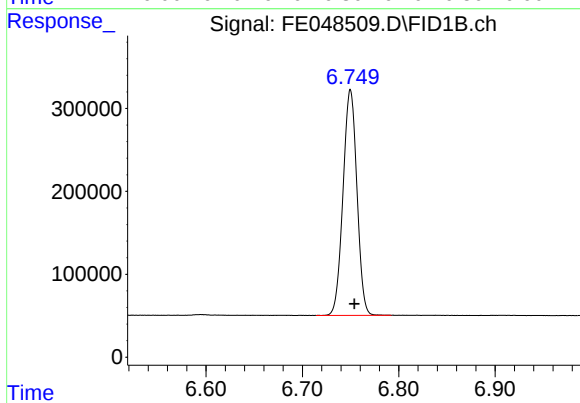
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.004 min
Response: 2775615
Conc: 18.38 ug/ml



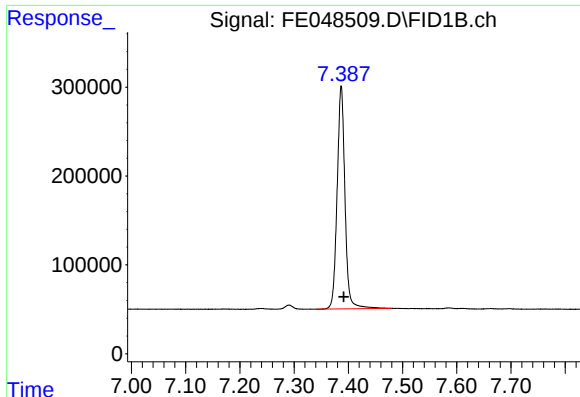
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.005 min
Response: 2706327
Conc: 18.18 ug/ml



#4 n-Dodecane (C12)

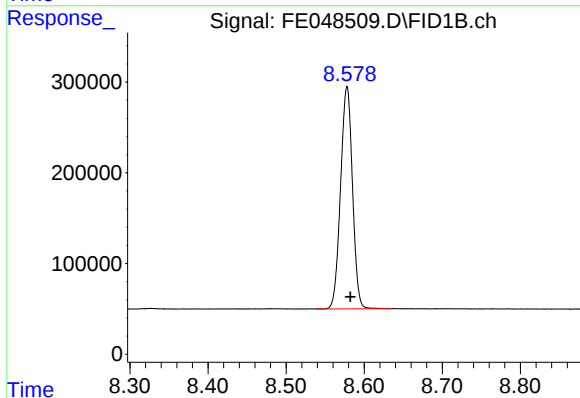
R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 2713246
Conc: 18.33 ug/ml



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

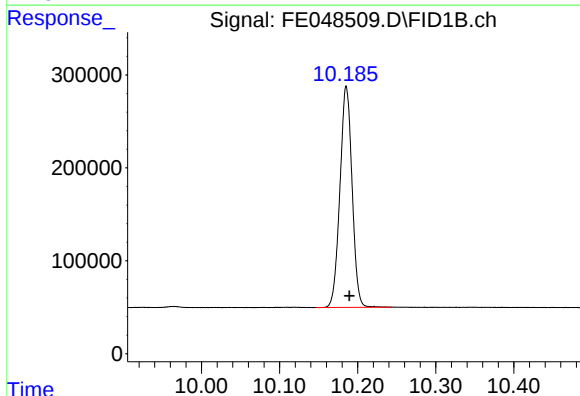
R.T.: 7.387 min
Delta R.T.: -0.005 min
Response: 2524393
Conc: 18.21 ug/ml

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20 PPM ALIPHATIC HC STD



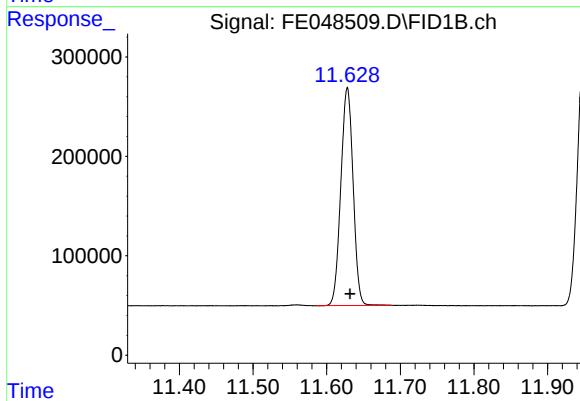
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: -0.004 min
Response: 2593912
Conc: 18.29 ug/ml



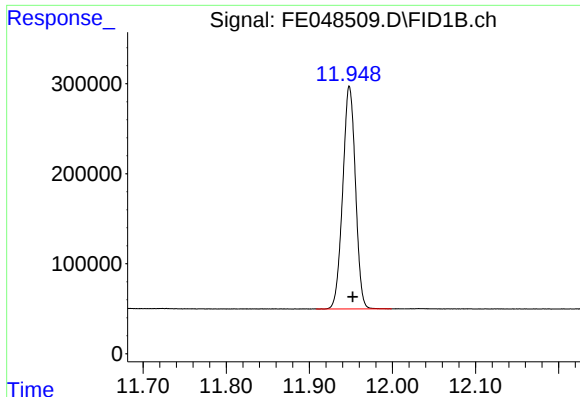
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.004 min
Response: 2571657
Conc: 18.24 ug/ml



#8 n-Octadecane (C18)

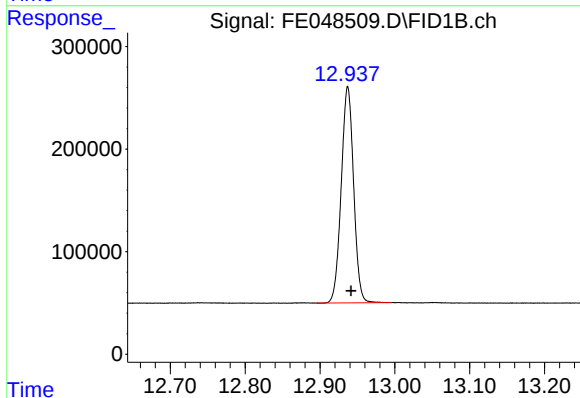
R.T.: 11.628 min
Delta R.T.: -0.004 min
Response: 2538472
Conc: 18.28 ug/ml



#9 ortho-Terphenyl (SURR)

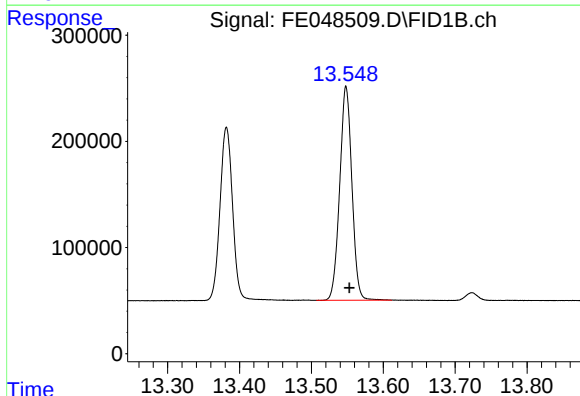
R.T.: 11.948 min
Delta R.T.: -0.004 min
Response: 2632694
Conc: 18.33 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



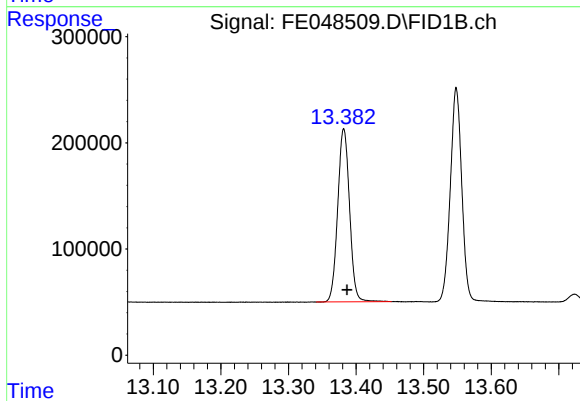
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: -0.005 min
Response: 2424225
Conc: 18.32 ug/ml



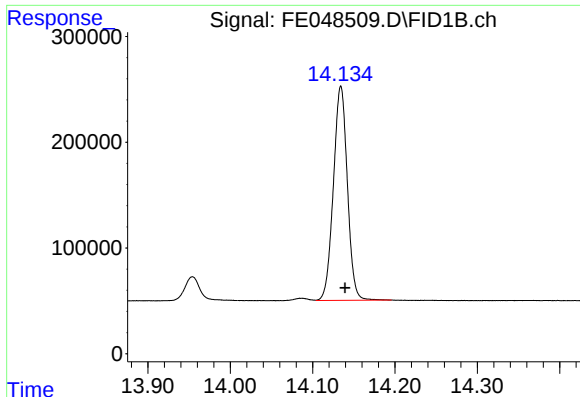
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.005 min
Response: 2371634
Conc: 18.31 ug/ml



#12 1-chlorooctadecane (SURR)

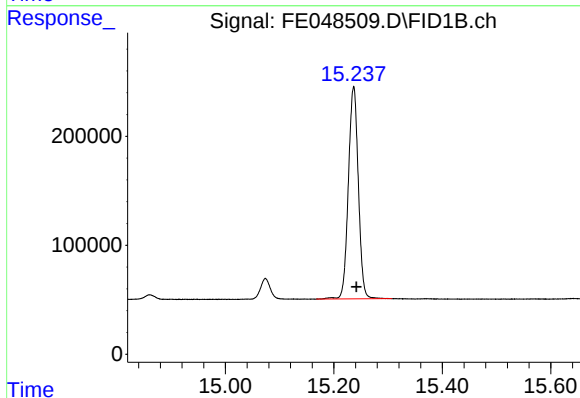
R.T.: 13.382 min
Delta R.T.: -0.005 min
Response: 1983032
Conc: 18.20 ug/ml



#13 n-Docosane (C22)

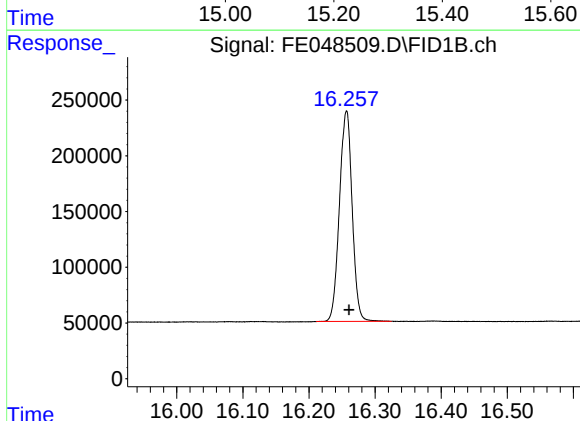
R.T.: 14.134 min
Delta R.T.: -0.005 min
Response: 2387144
Conc: 18.52 ug/ml

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20 PPM ALIPHATIC HC STD



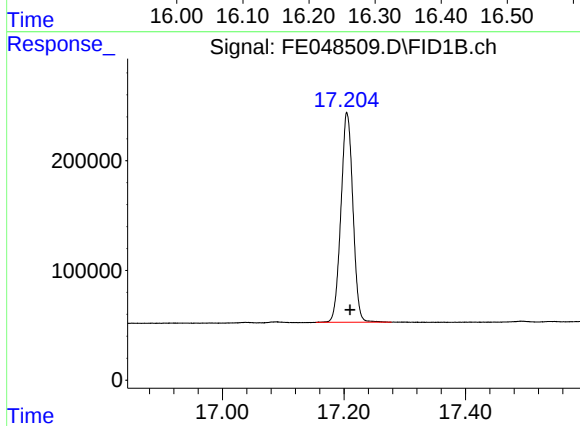
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: -0.005 min
Response: 2484919
Conc: 19.18 ug/ml



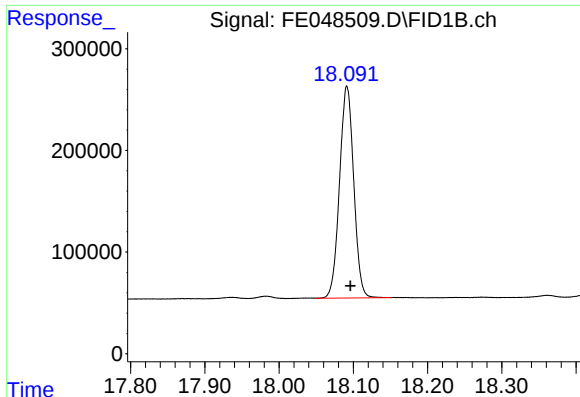
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.004 min
Response: 2527313
Conc: 19.50 ug/ml



#16 n-Octacosane (C28)

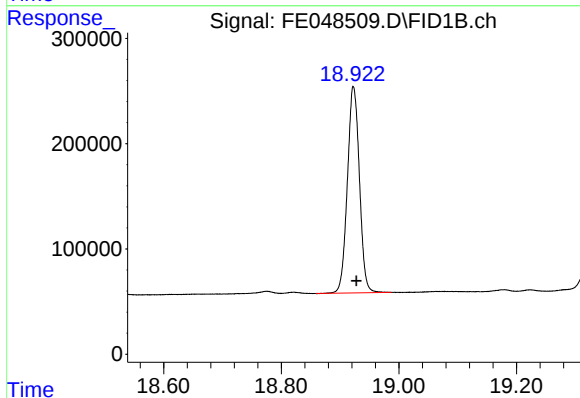
R.T.: 17.205 min
Delta R.T.: -0.005 min
Response: 2609742
Conc: 20.19 ug/ml



#17 n-Tricontane (C30)

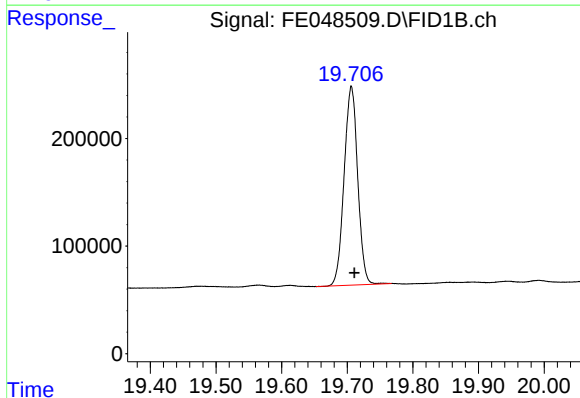
R.T.: 18.091 min
Delta R.T.: -0.005 min
Response: 2765475
Conc: 20.64 ug/ml

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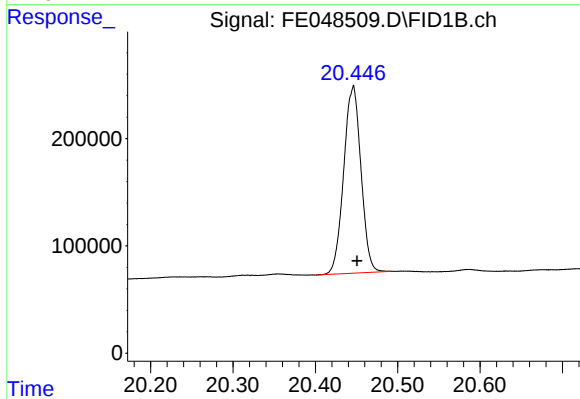
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.005 min
Response: 2792979
Conc: 20.58 ug/ml



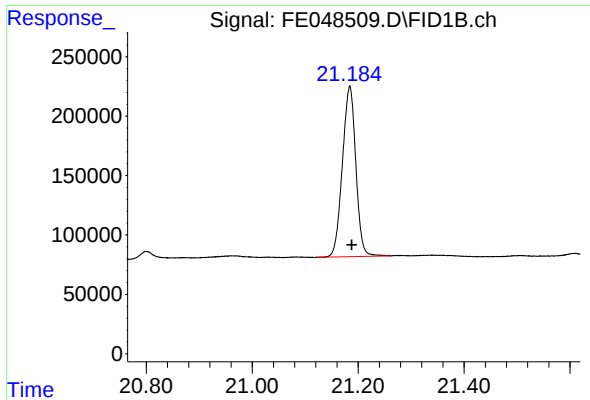
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.005 min
Response: 2653958
Conc: 19.40 ug/ml



#20 n-Hexatriacontane (C36)

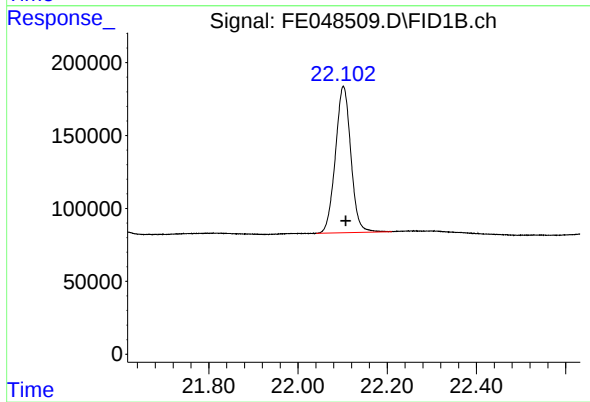
R.T.: 20.446 min
Delta R.T.: -0.004 min
Response: 2538271
Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.003 min
Response: 2519344
Conc: 18.47 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.006 min
Response: 2406712
Conc: 17.58 ug/ml