

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041824AL\
 Data File : FE047678.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2024 06:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 19 01:21:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.979	3128333	18.036 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
12) S 1-chlorooctadecane (S...	13.413	2438834	18.133 ug/ml
Spiked Amount 50.000		Recovery =	36.27%
Target Compounds			
1) T n-Nonane (C9)	3.358	2717802	17.372 ug/ml
2) T n-Decane (C10)	4.611	2816111	17.522 ug/ml
3) T A~Naphthalene (C11.7)	6.319	2983908	17.598 ug/ml
4) T n-Dodecane (C12)	6.777	2839599	17.495 ug/ml
5) T A~2-methylnaphthalene...	7.416	2894127	17.623 ug/ml
6) T n-Tetradecane (C14)	8.606	2853461	17.737 ug/ml
7) T n-Hexadecane (C16)	10.215	2977691	17.930 ug/ml
8) T n-Octadecane (C18)	11.658	3026302	18.046 ug/ml
10) T n-Eicosane (C20)	12.967	2937254	18.131 ug/ml
11) T n-Heneicosane (C21)	13.579	2878368	18.140 ug/ml
13) T n-Docosane (C22)	14.165	2911673	18.143 ug/ml
14) T n-Tetracosane (C24)	15.267	2986945	18.096 ug/ml
15) T n-Hexacosane (C26)	16.288	3018733	18.263 ug/ml
16) T n-Octacosane (C28)	17.236	3121933	18.839 ug/ml
17) T n-Tricontane (C30)	18.124	3398257	20.016 ug/ml
18) T n-Dotriacontane (C32)	18.956	3458273	20.739 ug/ml
19) T n-Tetratriacontane (C34)	19.740	3288667	20.505 ug/ml
20) T n-Hexatriacontane (C36)	20.480	3207022	20.107 ug/ml
21) T n-Octatriacontane (C38)	21.222	3154439	19.409 ug/ml
22) T n-Tetracontane (C40)	22.153	3050498	18.632 ug/ml

(f)=RT Delta > 1/2 Window

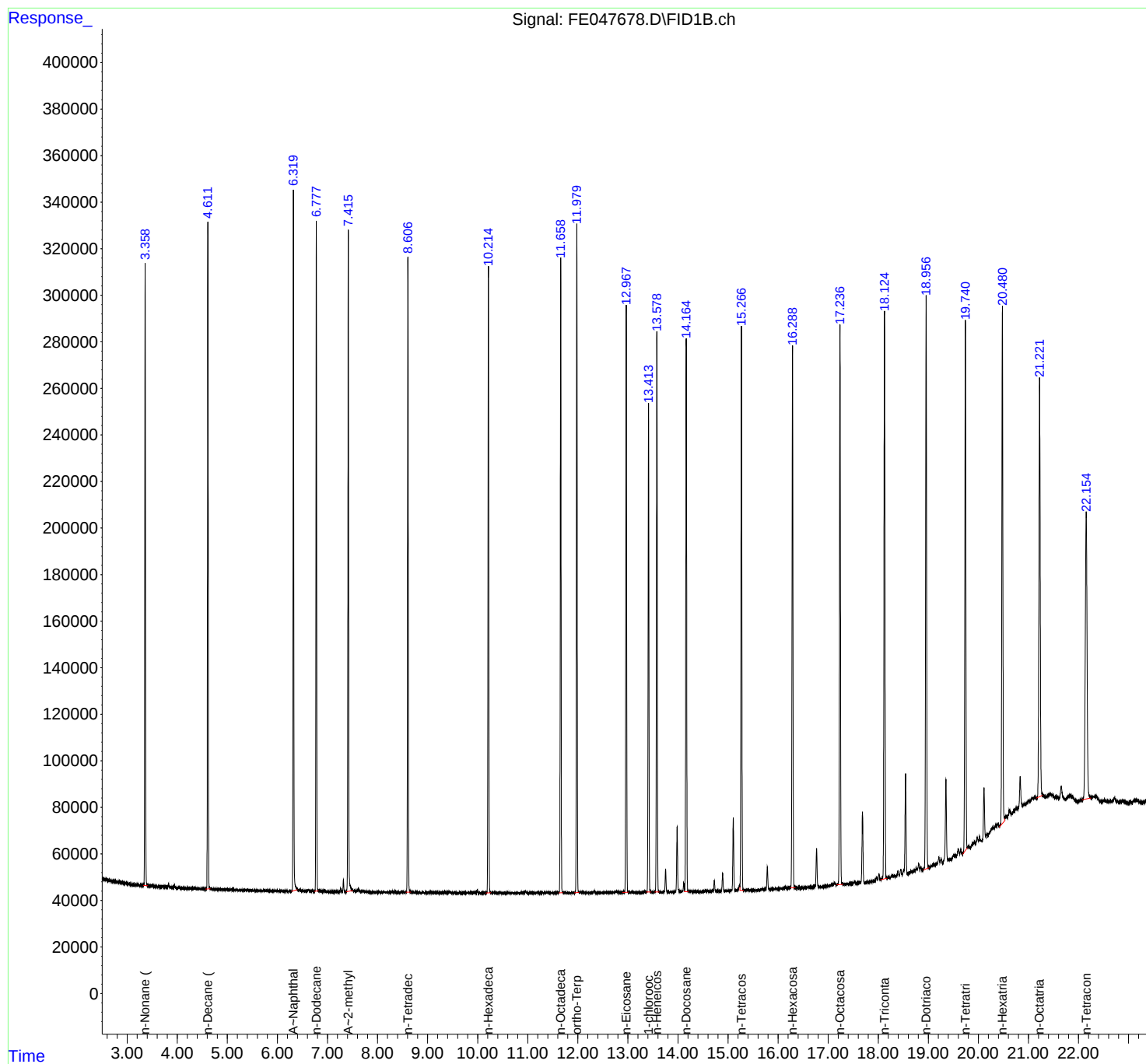
(m)=manual int.

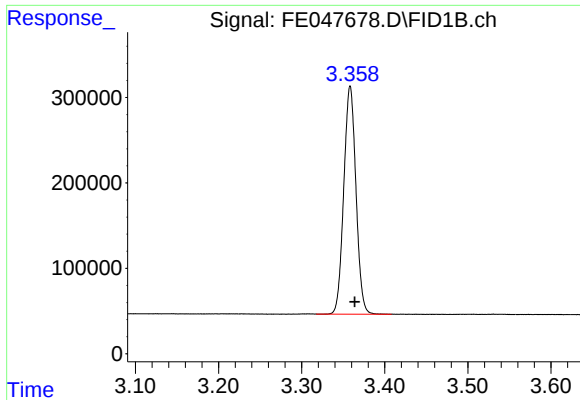
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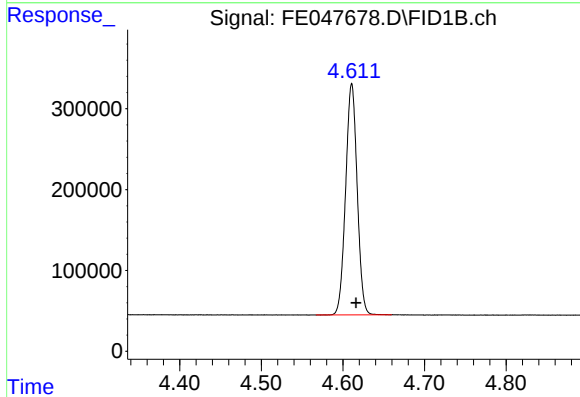




#1 n-Nonane (C9)

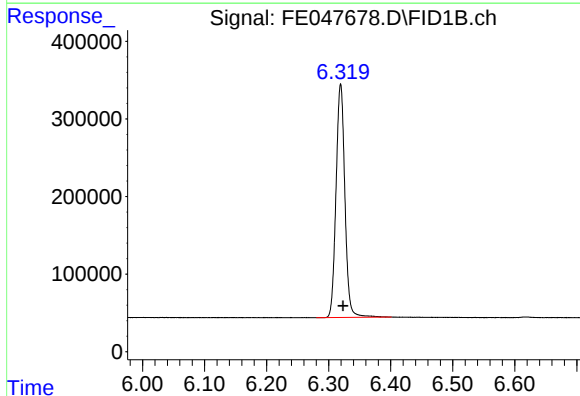
R.T.: 3.358 min
Delta R.T.: -0.006 min
Response: 2717802
Conc: 17.37 ug/ml

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20 PPM ALIPHATIC HC STD



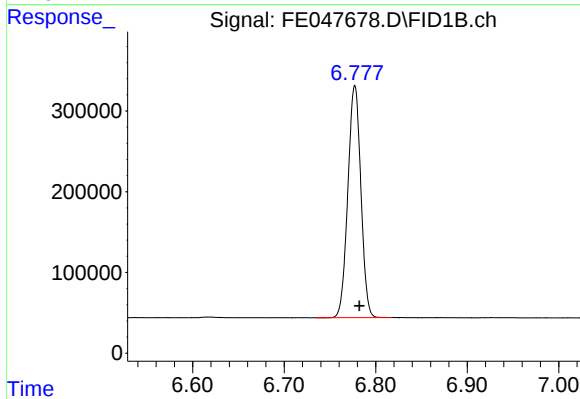
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.005 min
Response: 2816111
Conc: 17.52 ug/ml



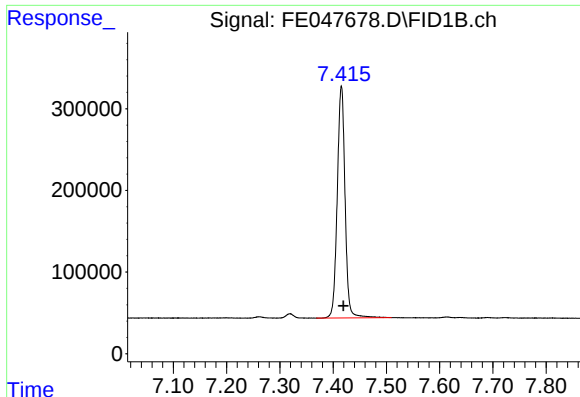
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 2983908
Conc: 17.60 ug/ml



#4 n-Dodecane (C12)

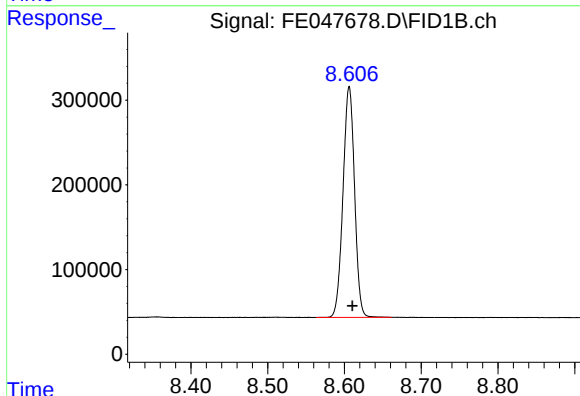
R.T.: 6.777 min
Delta R.T.: -0.005 min
Response: 2839599
Conc: 17.50 ug/ml



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

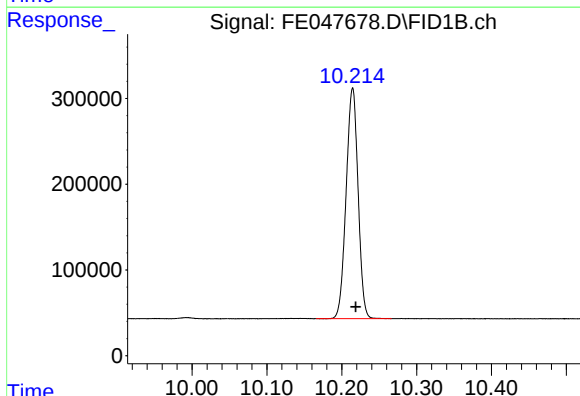
R.T.: 7.416 min
Delta R.T.: -0.004 min
Response: 2894127
Conc: 17.62 ug/ml

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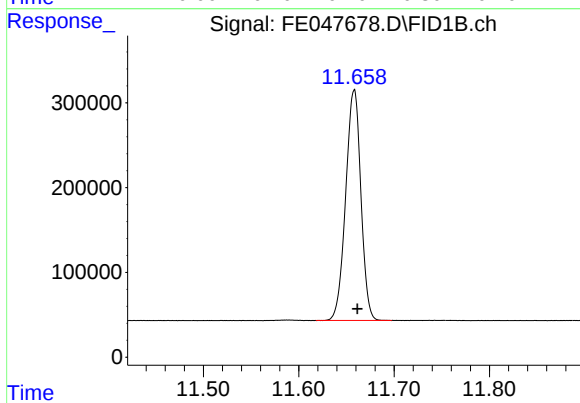
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.004 min
Response: 2853461
Conc: 17.74 ug/ml



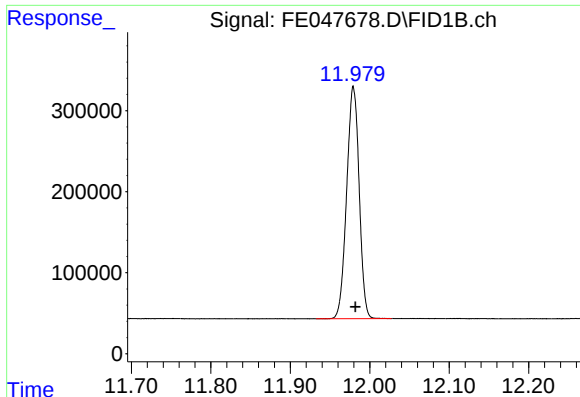
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: -0.004 min
Response: 2977691
Conc: 17.93 ug/ml



#8 n-Octadecane (C18)

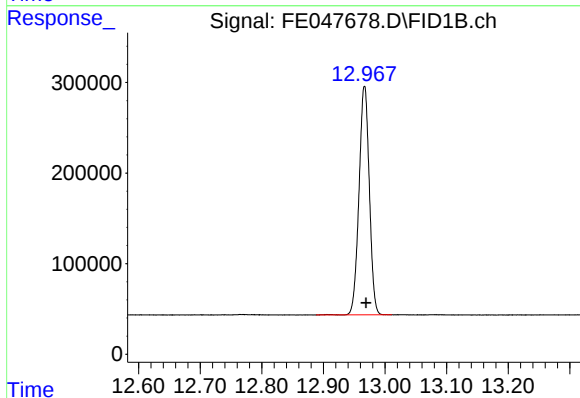
R.T.: 11.658 min
Delta R.T.: -0.003 min
Response: 3026302
Conc: 18.05 ug/ml



#9 ortho-Terphenyl (SURR)

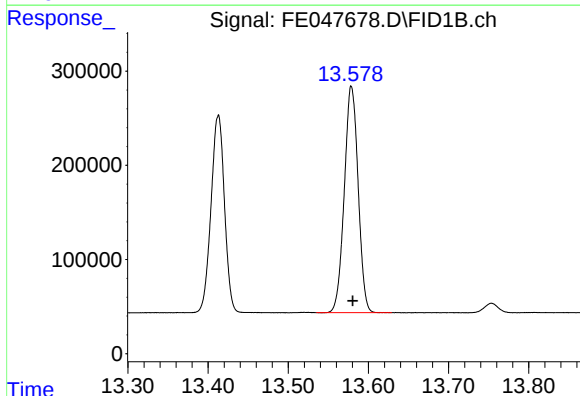
R.T.: 11.979 min
Delta R.T.: -0.003 min
Response: 3128333
Conc: 18.04 ug/ml

Instrument :
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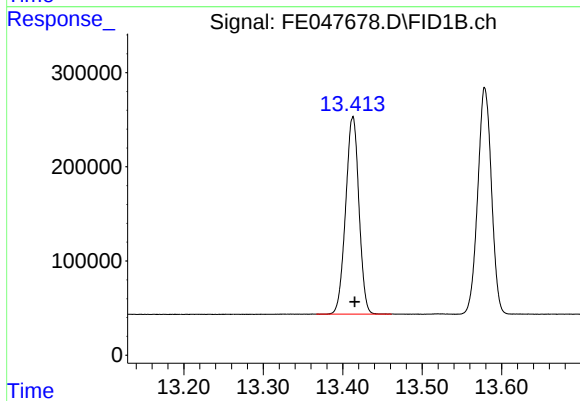
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: -0.003 min
Response: 2937254
Conc: 18.13 ug/ml



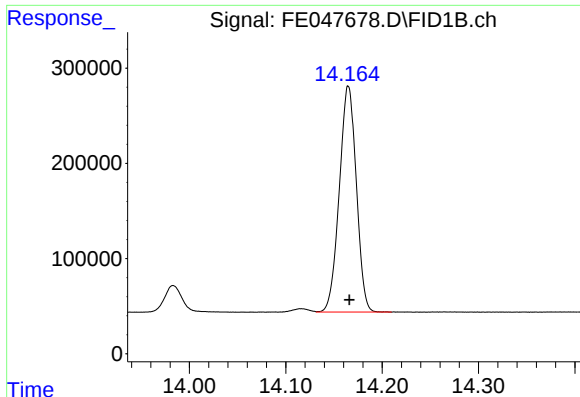
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: -0.002 min
Response: 2878368
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

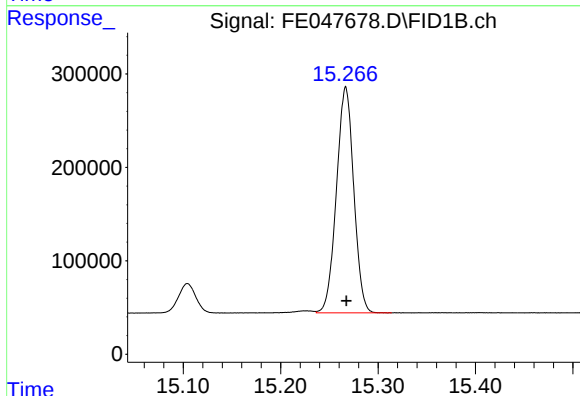
R.T.: 13.413 min
Delta R.T.: -0.002 min
Response: 2438834
Conc: 18.13 ug/ml



#13 n-Docosane (C22)

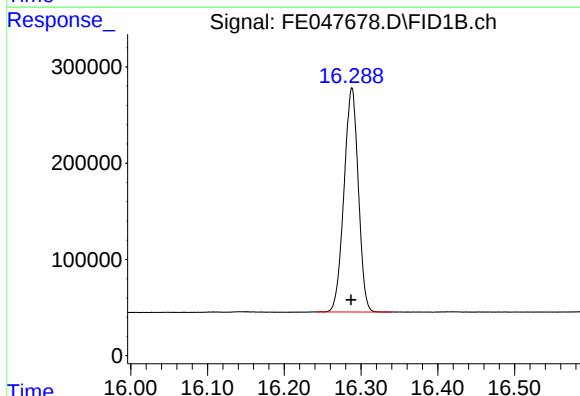
R.T.: 14.165 min
Delta R.T.: -0.001 min
Response: 2911673
Conc: 18.14 ug/ml

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20 PPM ALIPHATIC HC STD



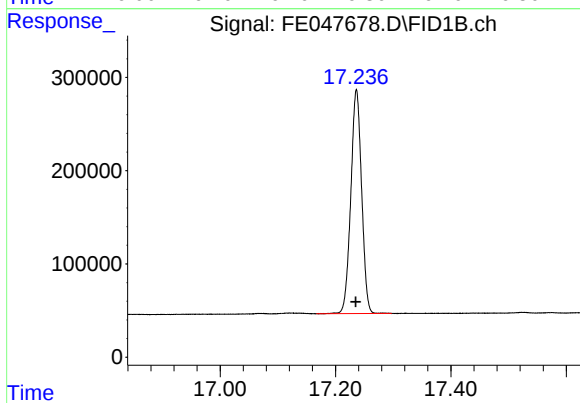
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.000 min
Response: 2986945
Conc: 18.10 ug/ml



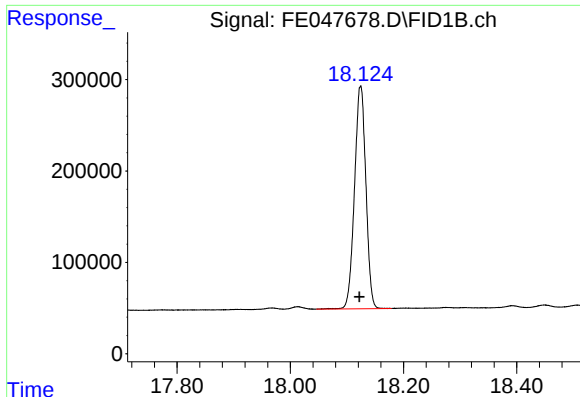
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.001 min
Response: 3018733
Conc: 18.26 ug/ml



#16 n-Octacosane (C28)

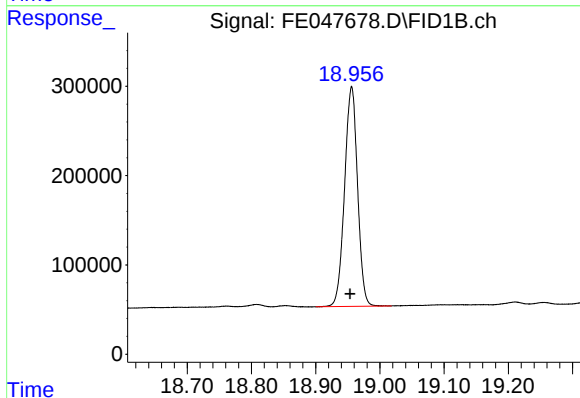
R.T.: 17.236 min
Delta R.T.: 0.001 min
Response: 3121933
Conc: 18.84 ug/ml



#17 n-Tricontane (C30)

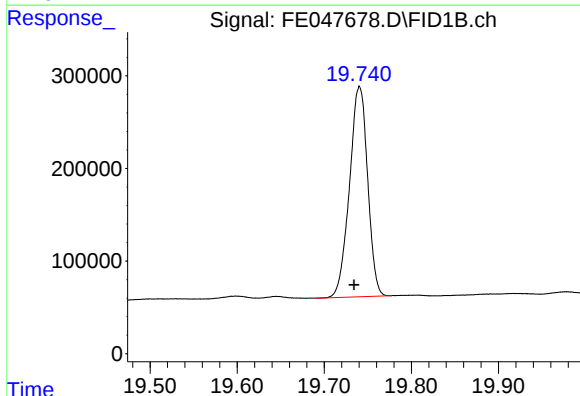
R.T.: 18.124 min
Delta R.T.: 0.002 min
Response: 3398257
Conc: 20.02 ug/ml

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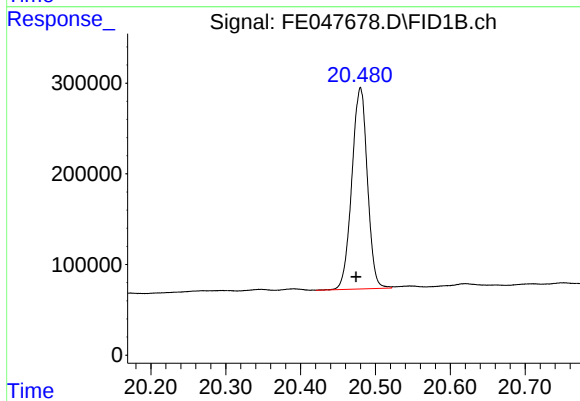
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.003 min
Response: 3458273
Conc: 20.74 ug/ml



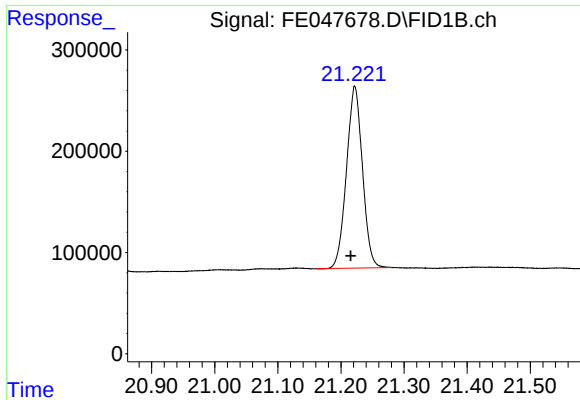
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.006 min
Response: 3288667
Conc: 20.50 ug/ml



#20 n-Hexatriacontane (C36)

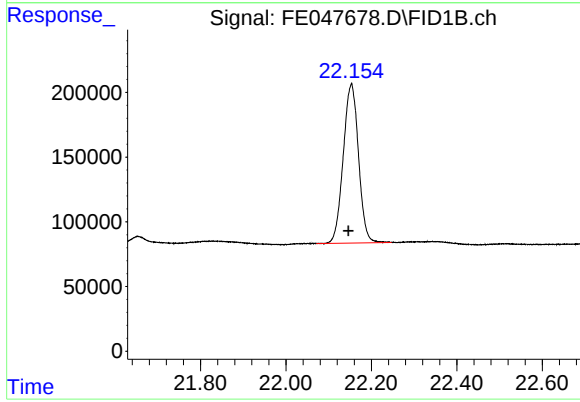
R.T.: 20.480 min
Delta R.T.: 0.006 min
Response: 3207022
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.006 min
Response: 3154439
Conc: 19.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: 0.007 min
Response: 3050498
Conc: 18.63 ug/ml