

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040824AL\
 Data File : FE047530.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2024 21:31
 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: Apr 09 01:46:45 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)	11.975	2833969	16.339 ug/ml
Spiked Amount 50.000		Recovery =	32.68%
12) S 1-chlorooctadecane (S...	13.408	2199468	16.353 ug/ml
Spiked Amount 50.000		Recovery =	32.71%
Target Compounds			
1) T n-Nonane (C9)	3.360	2547215	16.281 ug/ml
2) T n-Decane (C10)	4.612	2639275	16.422 ug/ml
3) T A~Naphthalene (C11.7)	6.317	2740649	16.164 ug/ml
4) T n-Dodecane (C12)	6.777	2653305	16.347 ug/ml
5) T A~2-methylnaphthalene...	7.412	2643397	16.096 ug/ml
6) T n-Tetradecane (C14)	8.604	2633817	16.372 ug/ml
7) T n-Hexadecane (C16)	10.211	2729921	16.438 ug/ml
8) T n-Octadecane (C18)	11.654	2770863	16.523 ug/ml
10) T n-Eicosane (C20)	12.964	2713772	16.751 ug/ml
11) T n-Heneicosane (C21)	13.574	2620701	16.516 ug/ml
13) T n-Docosane (C22)	14.160	2759522	17.195 ug/ml
14) T n-Tetracosane (C24)	15.263	3018882	18.289 ug/ml
15) T n-Hexacosane (C26)	16.283	3215155	19.451 ug/ml
16) T n-Octacosane (C28)	17.231	3398909	20.510 ug/ml
17) T n-Tricontane (C30)	18.118	3666151	21.594 ug/ml
18) T n-Dotriacontane (C32)	18.951	3566300	21.387 ug/ml
19) T n-Tetratriacontane (C34)	19.733	3114942	19.421 ug/ml
20) T n-Hexatriacontane (C36)	20.472	2851429	17.877 ug/ml
21) T n-Octatriacontane (C38)	21.212	2699213	16.608 ug/ml
22) T n-Tetracontane (C40)	22.138	2663234	16.267 ug/ml

(f)=RT Delta > 1/2 Window

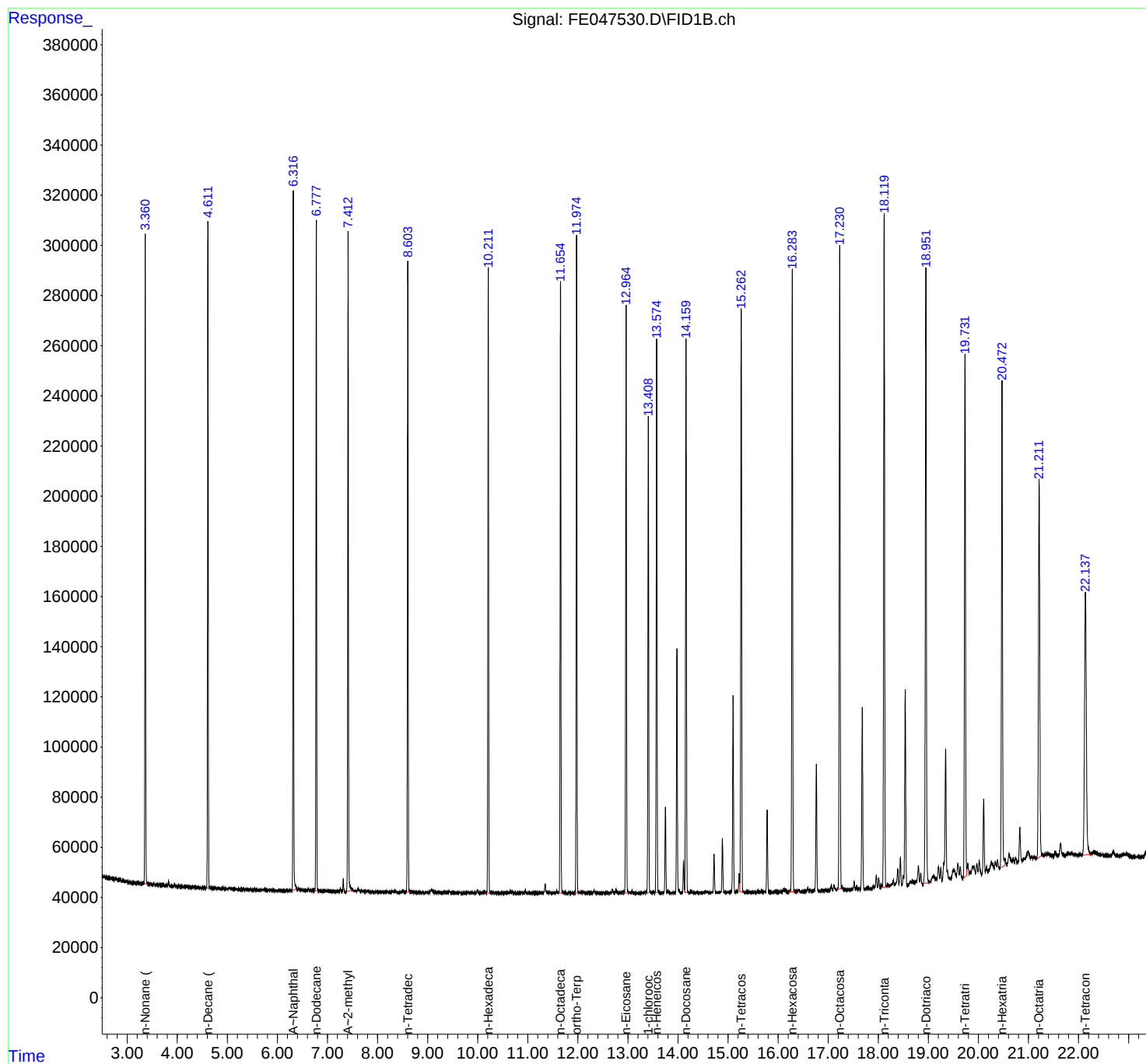
(m)=manual int.

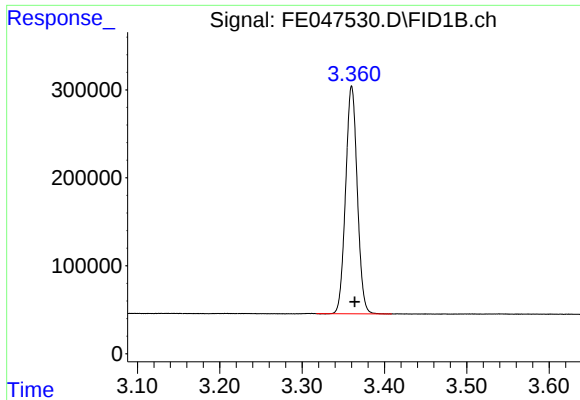
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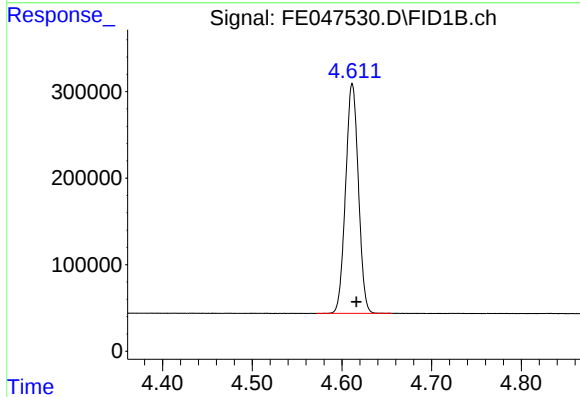




#1 n-Nonane (C9)

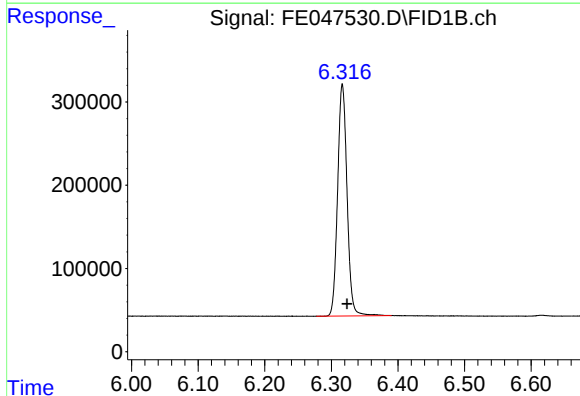
R.T.: 3.360 min
Delta R.T.: -0.004 min
Response: 2547215
Conc: 16.28 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



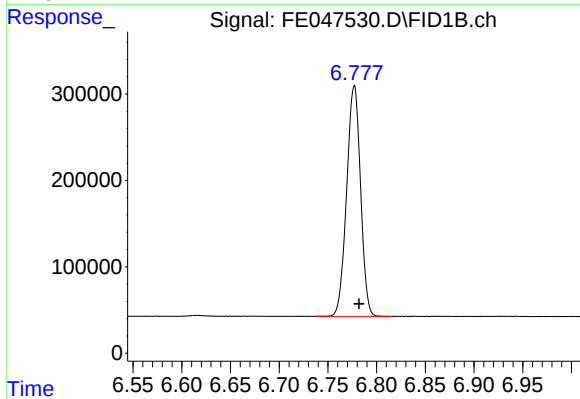
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.005 min
Response: 2639275
Conc: 16.42 ug/ml



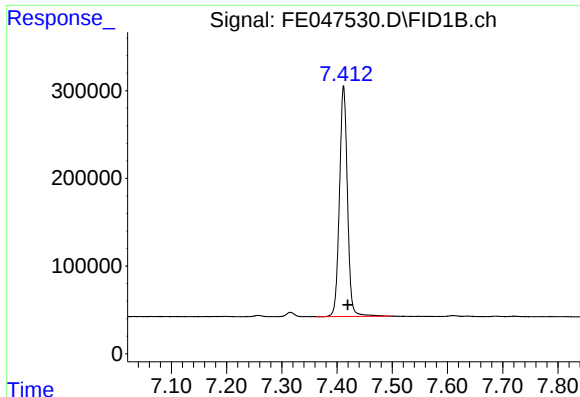
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: -0.007 min
Response: 2740649
Conc: 16.16 ug/ml



#4 n-Dodecane (C12)

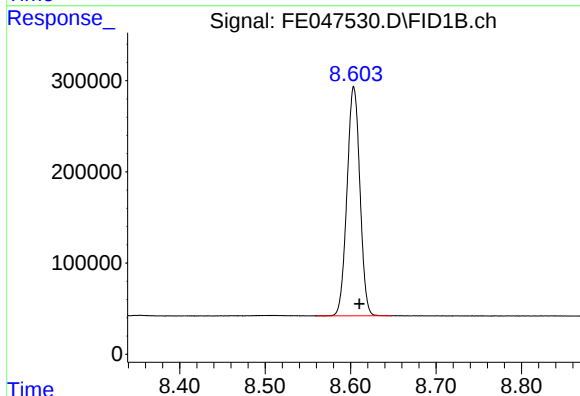
R.T.: 6.777 min
Delta R.T.: -0.005 min
Response: 2653305
Conc: 16.35 ug/ml



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

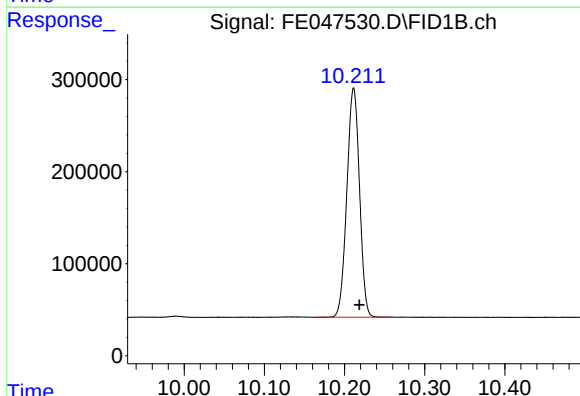
R.T.: 7.412 min
Delta R.T.: -0.008 min
Response: 2643397
Conc: 16.10 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



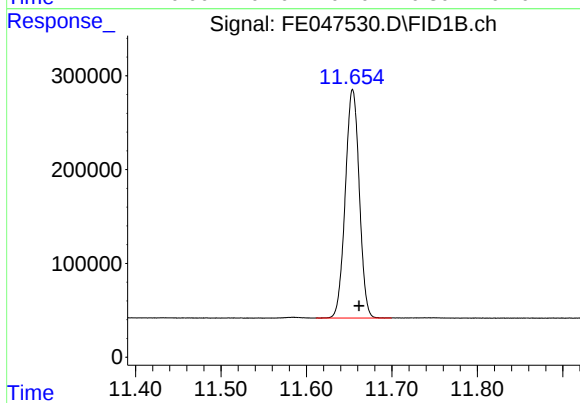
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.007 min
Response: 2633817
Conc: 16.37 ug/ml



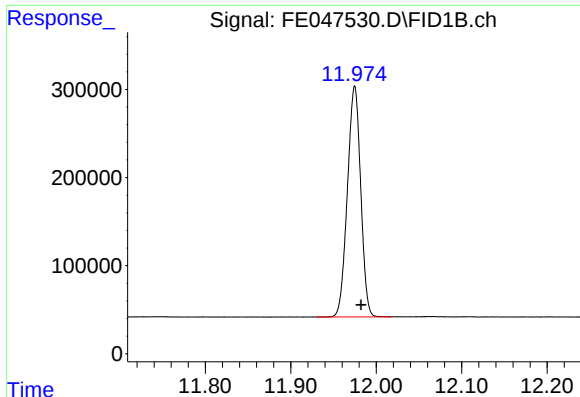
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: -0.007 min
Response: 2729921
Conc: 16.44 ug/ml



#8 n-Octadecane (C18)

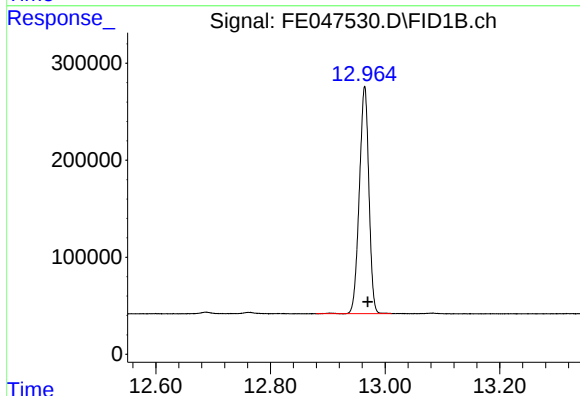
R.T.: 11.654 min
Delta R.T.: -0.007 min
Response: 2770863
Conc: 16.52 ug/ml



#9 ortho-Terphenyl (SURR)

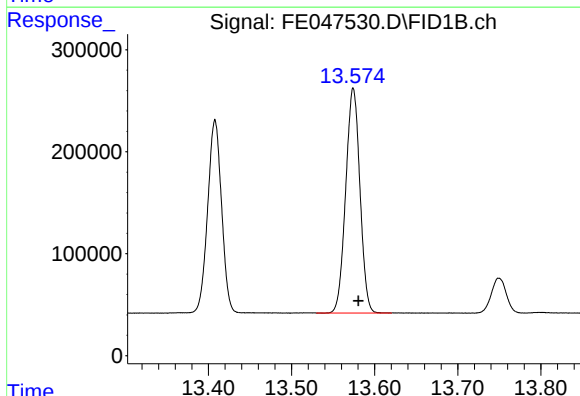
R.T.: 11.975 min
Delta R.T.: -0.007 min
Response: 2833969
Conc: 16.34 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



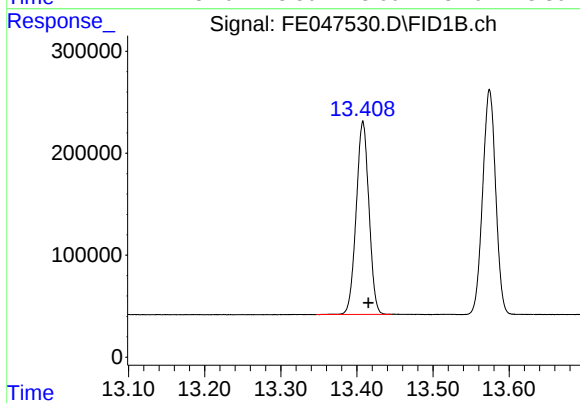
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.005 min
Response: 2713772
Conc: 16.75 ug/ml



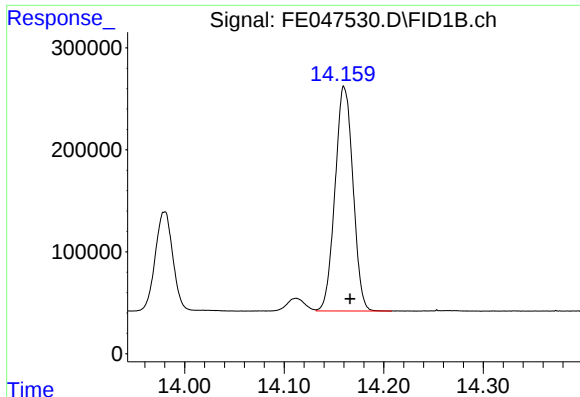
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.006 min
Response: 2620701
Conc: 16.52 ug/ml



#12 1-chlorooctadecane (SURR)

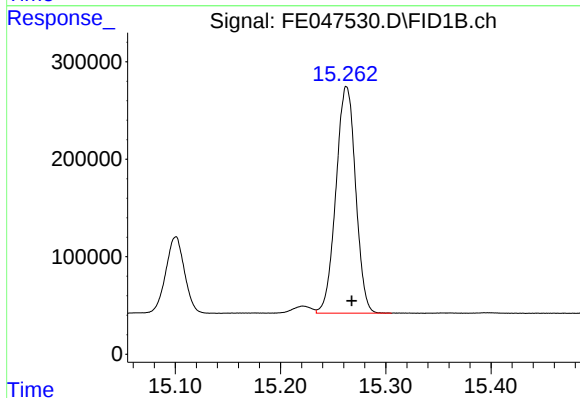
R.T.: 13.408 min
Delta R.T.: -0.007 min
Response: 2199468
Conc: 16.35 ug/ml



#13 n-Docosane (C22)

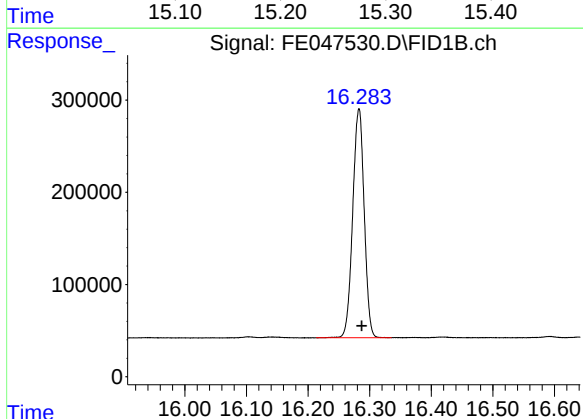
R.T.: 14.160 min
Delta R.T.: -0.006 min
Response: 2759522
Conc: 17.20 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



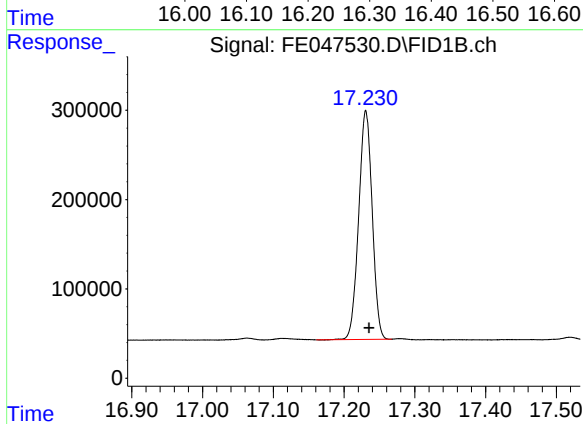
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.005 min
Response: 3018882
Conc: 18.29 ug/ml



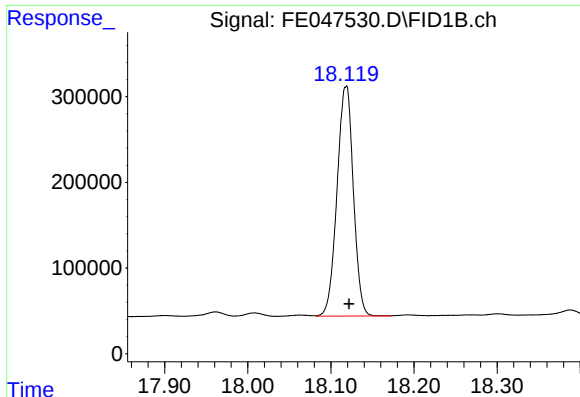
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.004 min
Response: 3215155
Conc: 19.45 ug/ml



#16 n-Octacosane (C28)

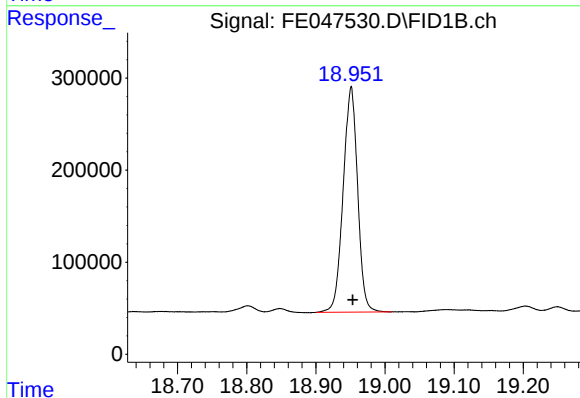
R.T.: 17.231 min
Delta R.T.: -0.004 min
Response: 3398909
Conc: 20.51 ug/ml



#17 n-Tricontane (C30)

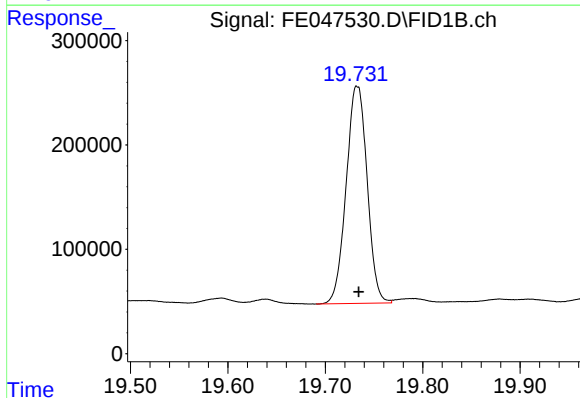
R.T.: 18.118 min
Delta R.T.: -0.004 min
Response: 3666151
Conc: 21.59 ug/ml

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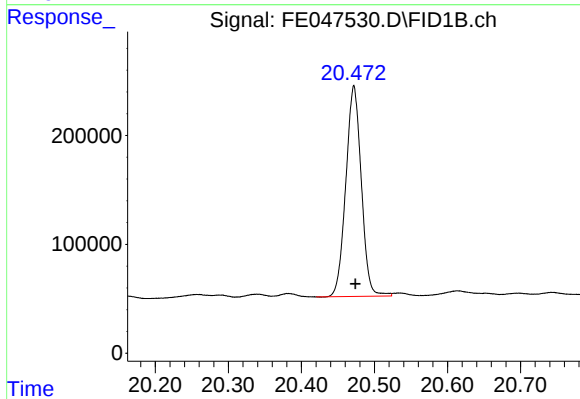
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.002 min
Response: 3566300
Conc: 21.39 ug/ml



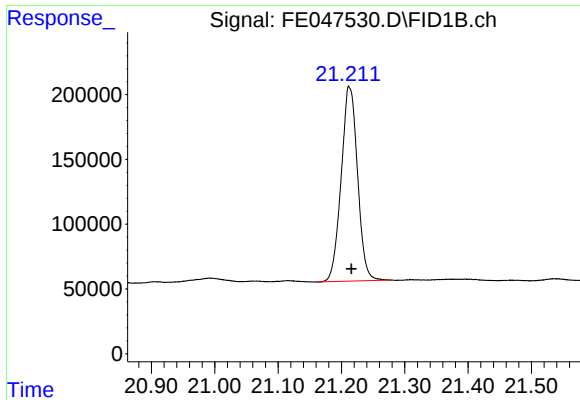
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.002 min
Response: 3114942
Conc: 19.42 ug/ml



#20 n-Hexatriacontane (C36)

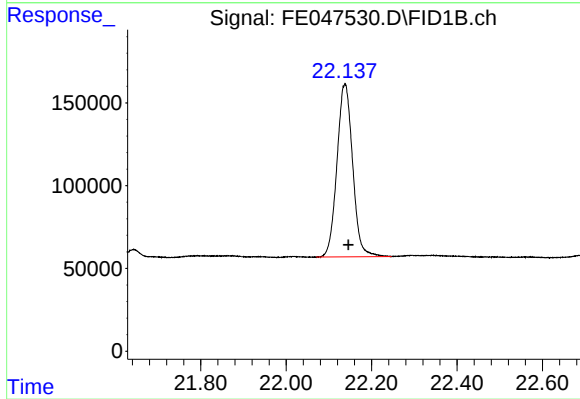
R.T.: 20.472 min
Delta R.T.: -0.002 min
Response: 2851429
Conc: 17.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.003 min
Response: 2699213
Conc: 16.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: -0.008 min
Response: 2663234
Conc: 16.27 ug/ml