

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051624AL\
 Data File : FE048207.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2024 13:25
 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 17 01:28:37 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)	11.957	2431706	16.856 ug/ml
Spiked Amount 50.000		Recovery =	33.71%
12) S 1-chlorooctadecane (S...	13.391	1855534	16.606 ug/ml
Spiked Amount 50.000		Recovery =	33.21%
Target Compounds			
1) T n-Nonane (C9)	3.345	2297913	17.830 ug/ml
2) T n-Decane (C10)	4.594	2438605	18.523 ug/ml
3) T A~Naphthalene (C11.7)	6.299	2422032	17.540 ug/ml
4) T n-Dodecane (C12)	6.758	2422819	18.174 ug/ml
5) T A~2-methylnaphthalene...	7.394	2293799	17.237 ug/ml
6) T n-Tetradecane (C14)	8.586	2329451	17.578 ug/ml
7) T n-Hexadecane (C16)	10.193	2374577	17.265 ug/ml
8) T n-Octadecane (C18)	11.637	2383773	17.113 ug/ml
10) T n-Eicosane (C20)	12.946	2275495	16.900 ug/ml
11) T n-Heneicosane (C21)	13.558	2209155	16.689 ug/ml
13) T n-Docosane (C22)	14.142	2254974	17.016 ug/ml
14) T n-Tetracosane (C24)	15.244	2365912	17.768 ug/ml
15) T n-Hexacosane (C26)	16.265	2457669	18.417 ug/ml
16) T n-Octacosane (C28)	17.213	2600647	19.532 ug/ml
17) T n-Tricontane (C30)	18.100	2845944	20.621 ug/ml
18) T n-Dotriacontane (C32)	18.931	2889734	20.921 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2580498	18.943 ug/ml
20) T n-Hexatriacontane (C36)	20.453	2378927	17.570 ug/ml
21) T n-Octatriacontane (C38)	21.191	2295893	16.629 ug/ml
22) T n-Tetracontane (C40)	22.111	2289555	16.434 ug/ml

(f)=RT Delta > 1/2 Window

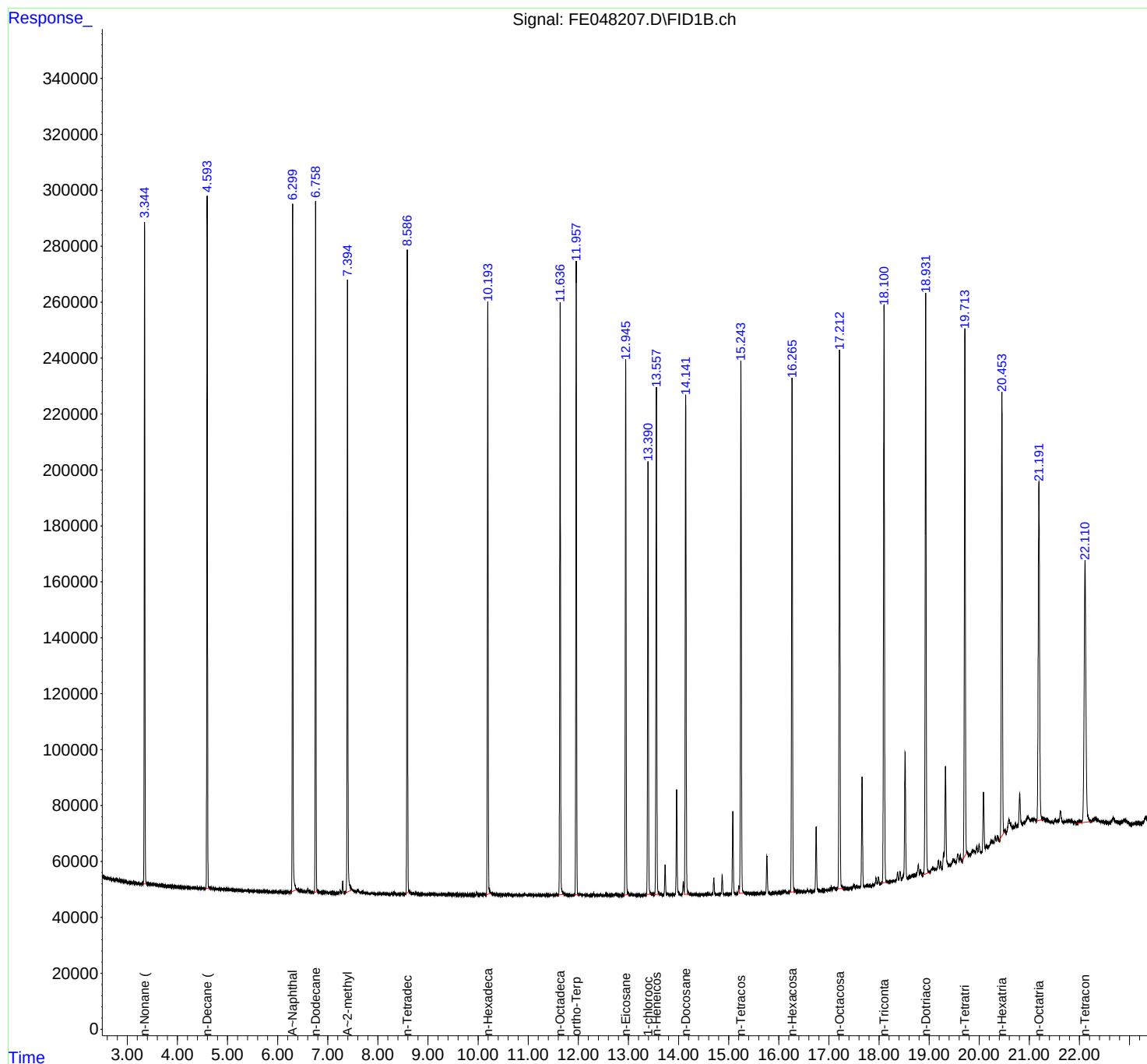
(m)=manual int.

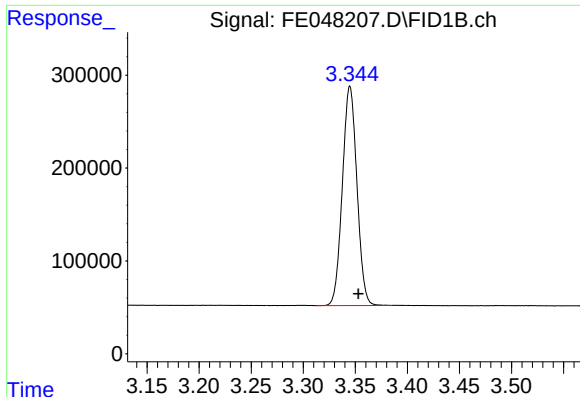
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051624AL\
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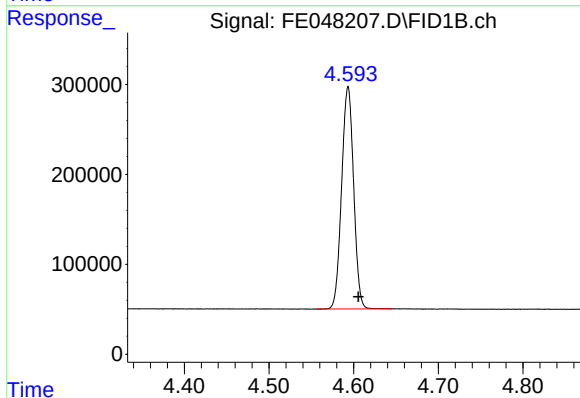




#1 n-Nonane (C9)

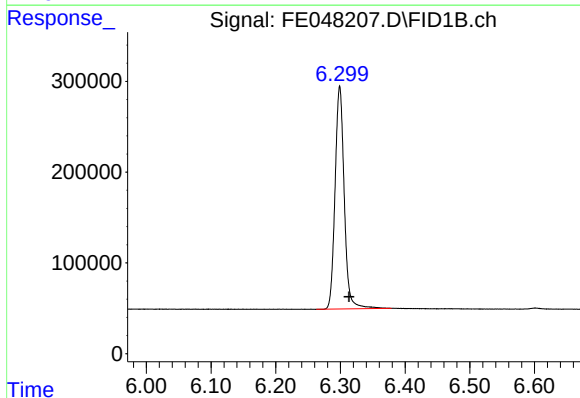
R.T.: 3.345 min
Delta R.T.: -0.008 min
Response: 2297913
Conc: 17.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



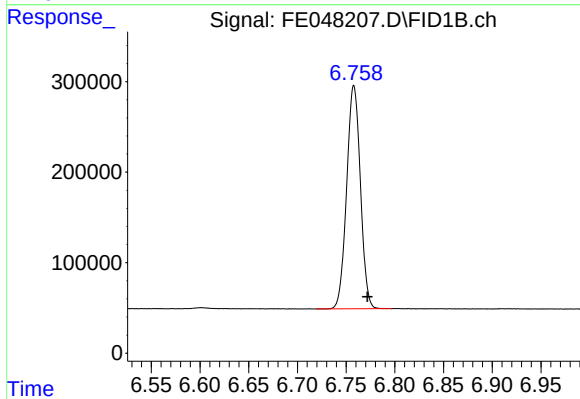
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.012 min
Response: 2438605
Conc: 18.52 ug/ml



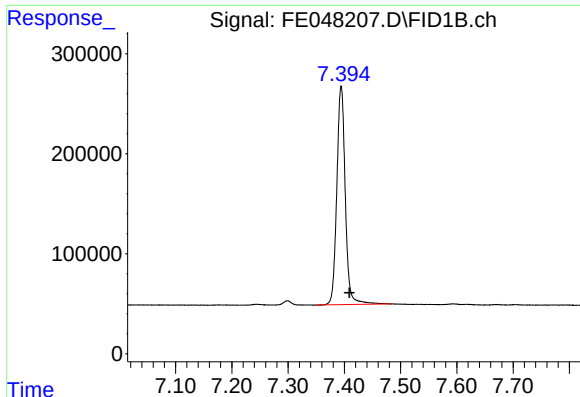
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.015 min
Response: 2422032
Conc: 17.54 ug/ml



#4 n-Dodecane (C12)

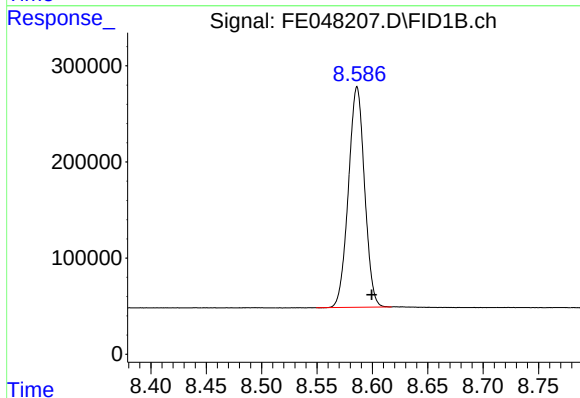
R.T.: 6.758 min
Delta R.T.: -0.014 min
Response: 2422819
Conc: 18.17 ug/ml



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

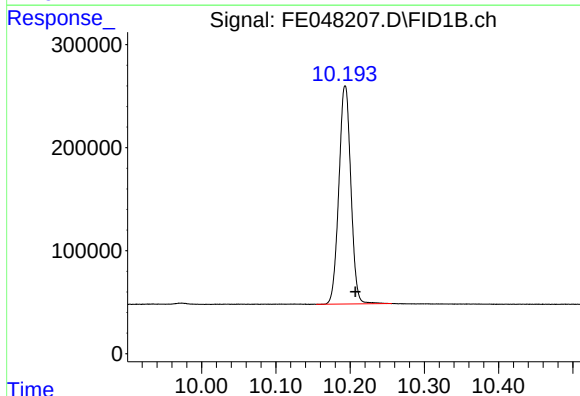
R.T.: 7.394 min
Delta R.T.: -0.015 min
Response: 2293799
Conc: 17.24 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



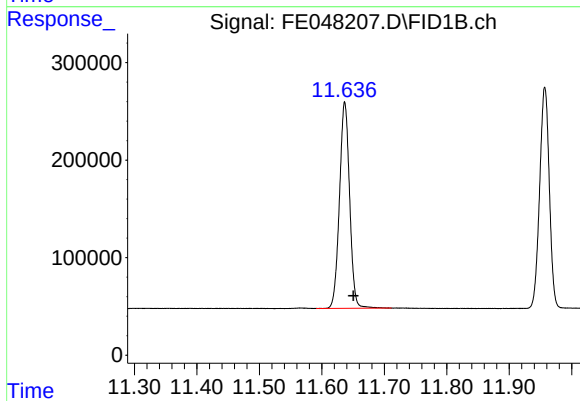
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: -0.013 min
Response: 2329451
Conc: 17.58 ug/ml



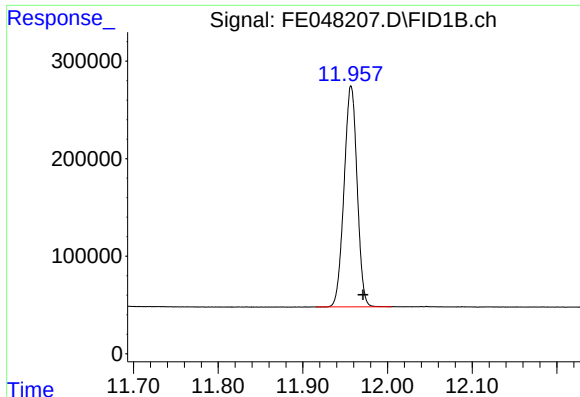
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: -0.014 min
Response: 2374577
Conc: 17.27 ug/ml



#8 n-Octadecane (C18)

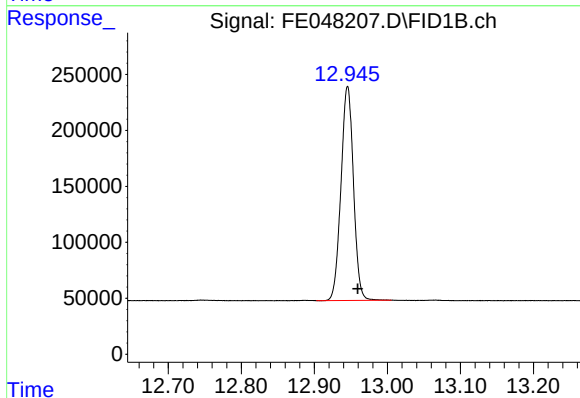
R.T.: 11.637 min
Delta R.T.: -0.014 min
Response: 2383773
Conc: 17.11 ug/ml



#9 ortho-Terphenyl (SURR)

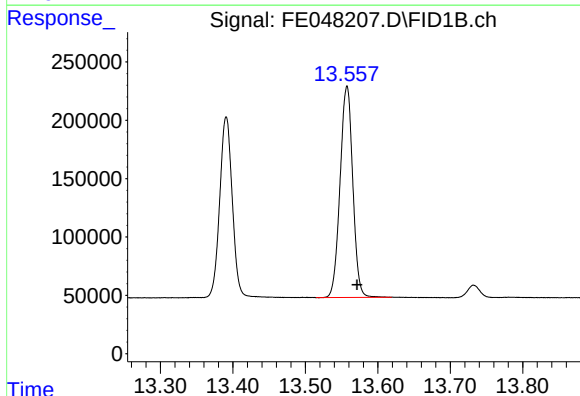
R.T.: 11.957 min
Delta R.T.: -0.014 min
Response: 2431706
Conc: 16.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



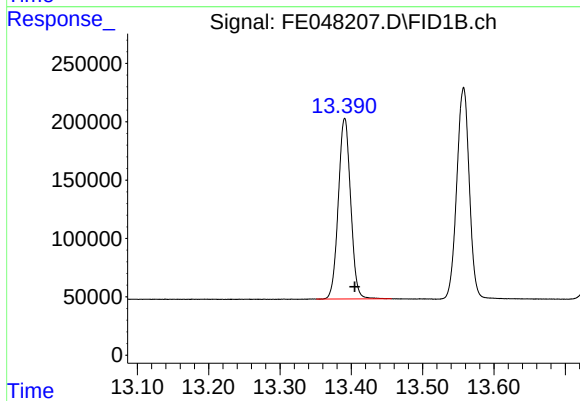
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: -0.014 min
Response: 2275495
Conc: 16.90 ug/ml



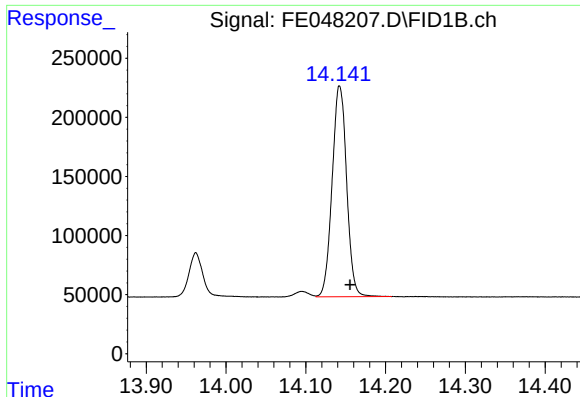
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.014 min
Response: 2209155
Conc: 16.69 ug/ml



#12 1-chlorooctadecane (SURR)

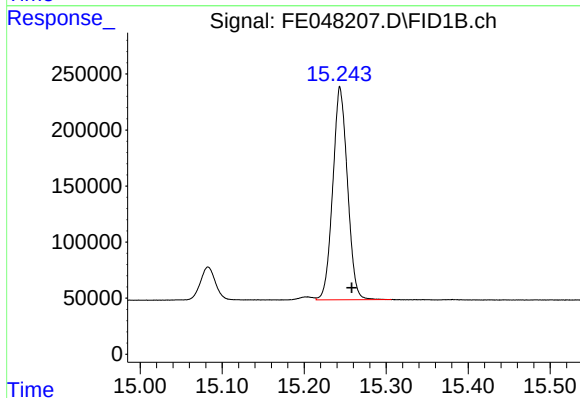
R.T.: 13.391 min
Delta R.T.: -0.014 min
Response: 1855534
Conc: 16.61 ug/ml



#13 n-Docosane (C22)

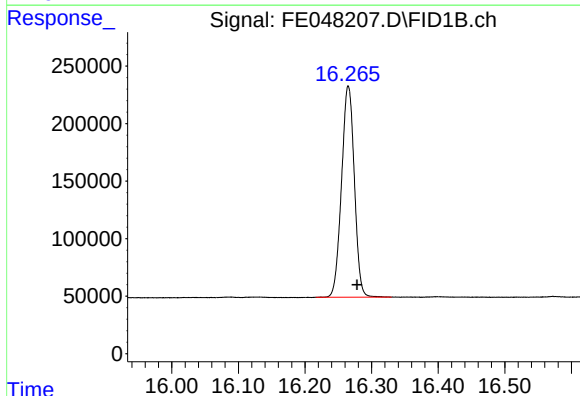
R.T.: 14.142 min
Delta R.T.: -0.013 min
Response: 2254974
Conc: 17.02 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



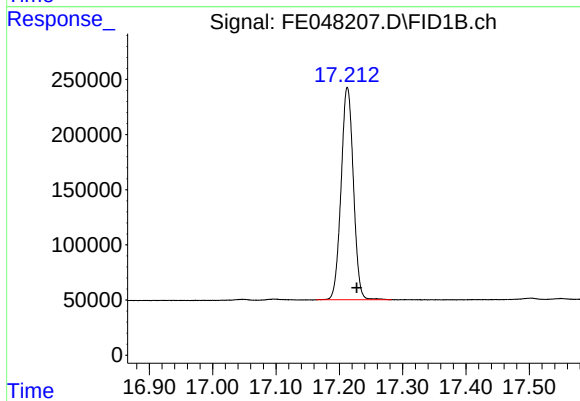
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: -0.014 min
Response: 2365912
Conc: 17.77 ug/ml



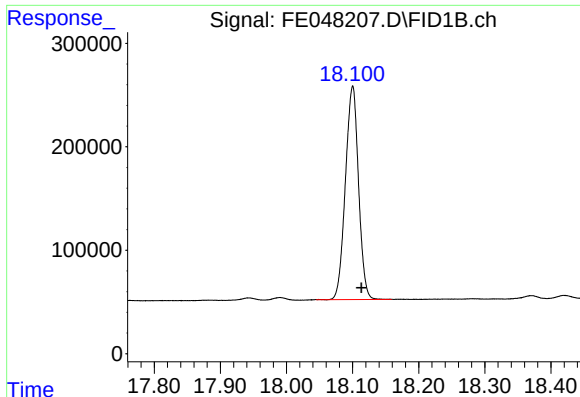
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.013 min
Response: 2457669
Conc: 18.42 ug/ml



#16 n-Octacosane (C28)

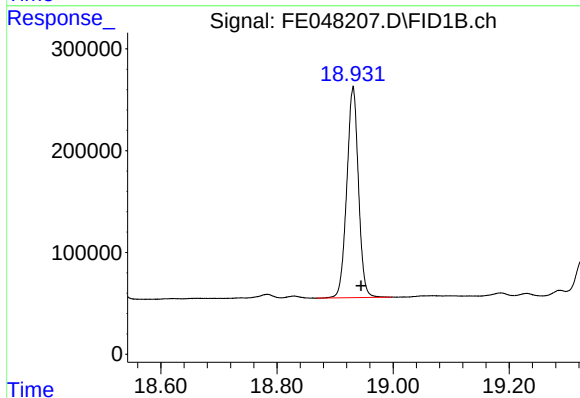
R.T.: 17.213 min
Delta R.T.: -0.015 min
Response: 2600647
Conc: 19.53 ug/ml



#17 n-Tricontane (C30)

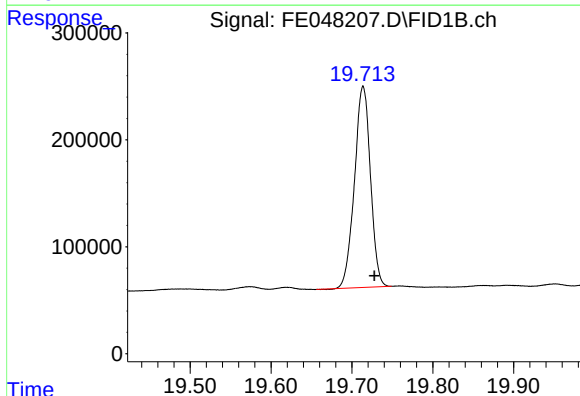
R.T.: 18.100 min
Delta R.T.: -0.013 min
Response: 2845944
Conc: 20.62 ug/ml

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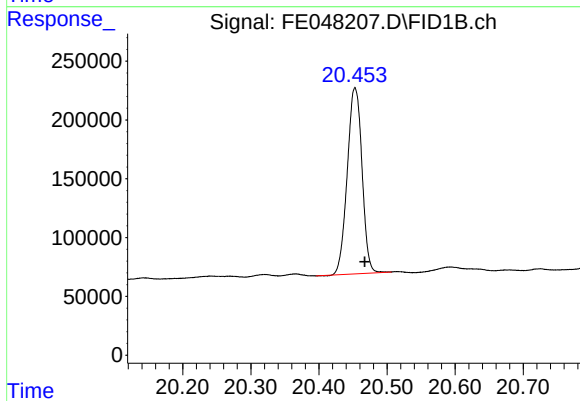
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: -0.014 min
Response: 2889734
Conc: 20.92 ug/ml



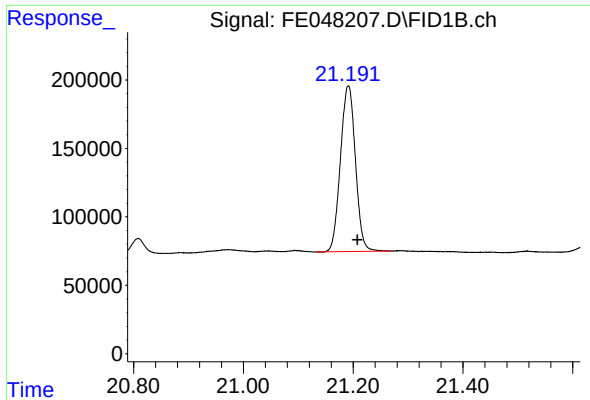
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.014 min
Response: 2580498
Conc: 18.94 ug/ml



#20 n-Hexatriacontane (C36)

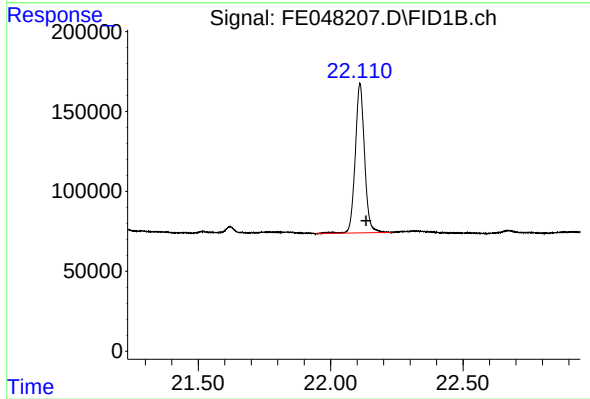
R.T.: 20.453 min
Delta R.T.: -0.014 min
Response: 2378927
Conc: 17.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: -0.016 min
Response: 2295893
Conc: 16.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: -0.023 min
Response: 2289555
Conc: 16.43 ug/ml