

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054366.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 05:47
 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: Jun 13 06:59:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 2025
 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)	11.824	3105704	18.796 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
12) S 1-chlorooctadecane (S...	13.268	2346629	19.243 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
Target Compounds			
1) T n-Nonane (C9)	3.173	2235240	18.000 ug/ml
2) T n-Decane (C10)	4.437	2247329	18.087 ug/ml
3) T A~Naphthalene (C11.7)	6.152	2398918	17.751 ug/ml
4) T n-Dodecane (C12)	6.618	2314955	18.180 ug/ml
5) T A~2-methylnaphthalene...	7.255	2459918	18.572 ug/ml
6) T n-Tetradecane (C14)	8.453	2367498	18.287 ug/ml
7) T n-Hexadecane (C16)	10.064	2449275	18.438 ug/ml
8) T n-Octadecane (C18)	11.511	2522342	18.679 ug/ml
10) T n-Eicosane (C20)	12.822	2512134	18.779 ug/ml
11) T n-Heneicosane (C21)	13.435	2523789	18.980 ug/ml
13) T n-Docosane (C22)	14.023	2500869	19.073 ug/ml
14) T n-Tetracosane (C24)	15.128	2486444	19.276 ug/ml
15) T n-Hexacosane (C26)	16.150	2432560	19.379 ug/ml
16) T n-Octacosane (C28)	17.101	2405012	19.612 ug/ml
17) T n-Tricontane (C30)	17.990	2518550	20.320 ug/ml
18) T n-Dotriacontane (C32)	18.824	2655769	21.137 ug/ml
19) T n-Tetratriacontane (C34)	19.609	2518752	20.246 ug/ml
20) T n-Hexatriacontane (C36)	20.349	2561548	19.898 ug/ml
21) T n-Octatriacontane (C38)	21.076	2553022	19.335 ug/ml
22) T n-Tetracontane (C40)	21.962	2378640	17.658 ug/ml

(f)=RT Delta > 1/2 Window

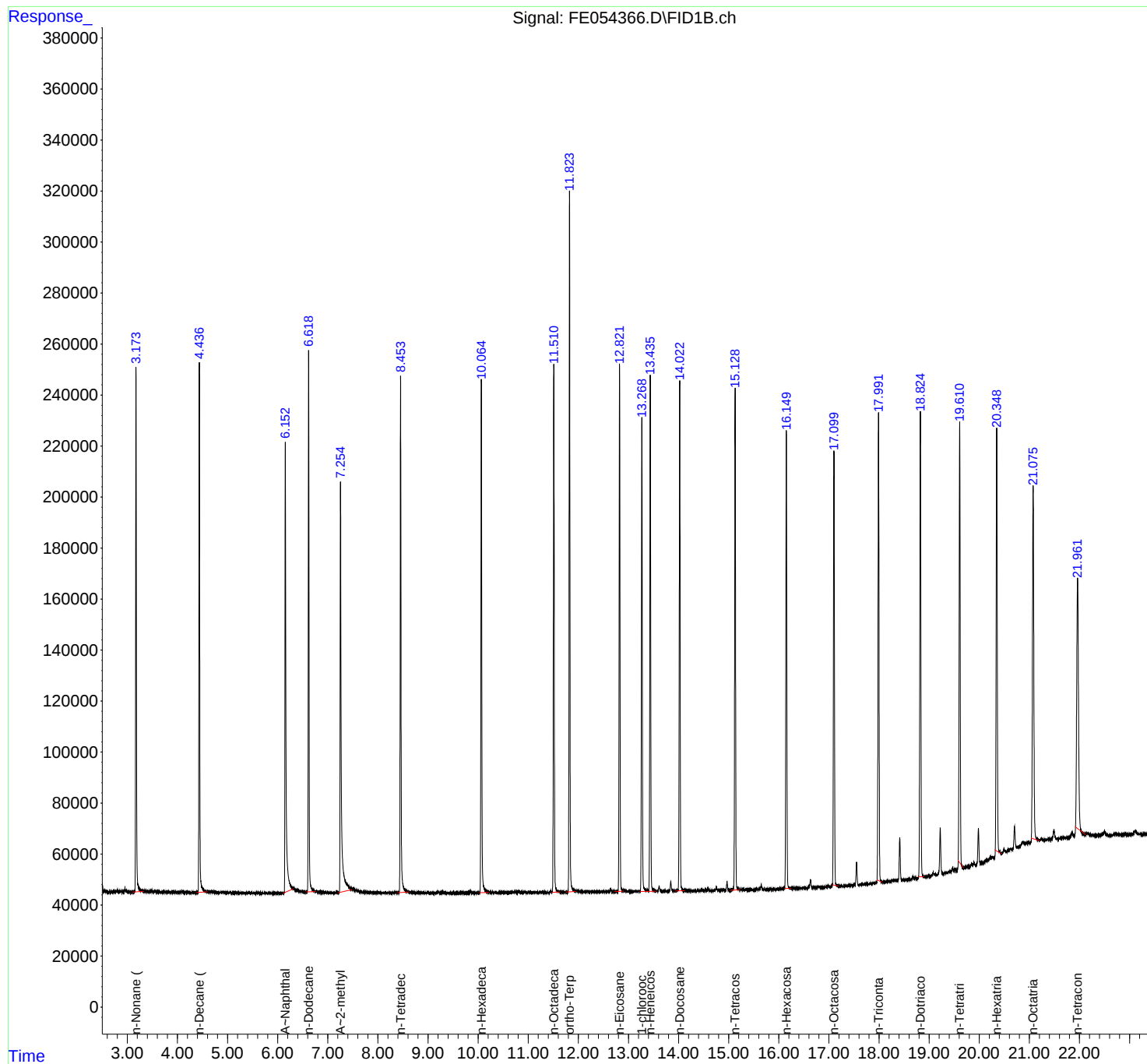
(m)=manual int.

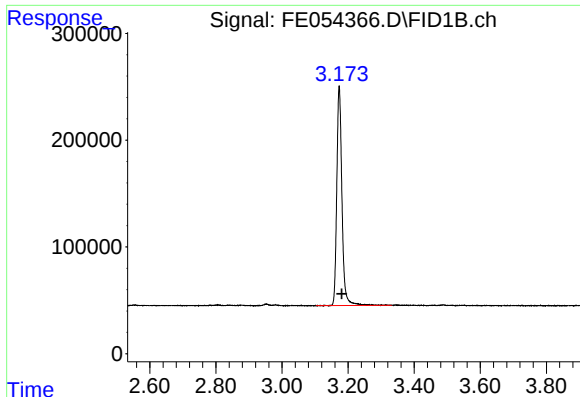
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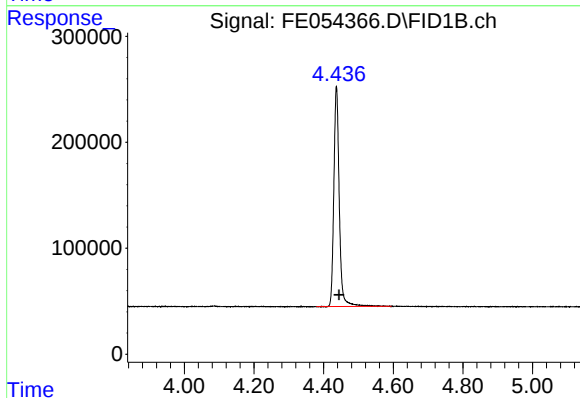




#1 n-Nonane (C9)

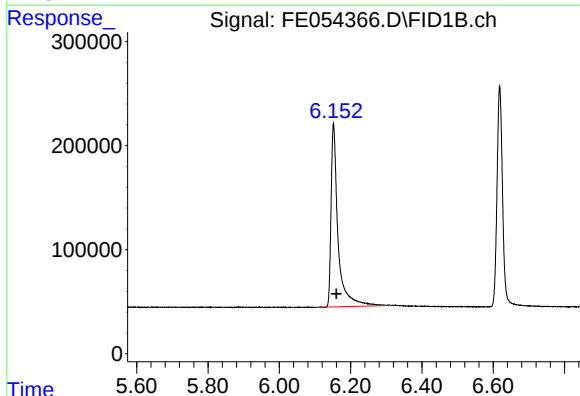
R.T.: 3.173 min
Delta R.T.: -0.008 min
Response: 2235240
Conc: 18.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



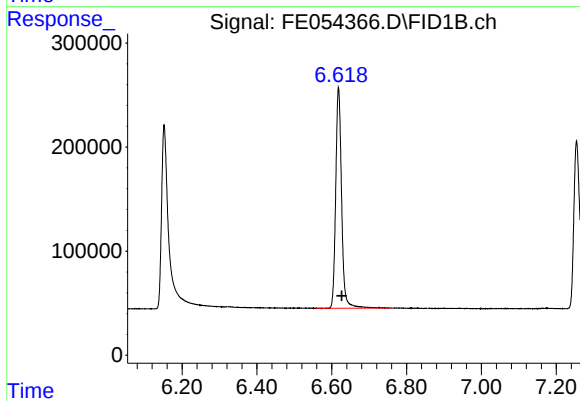
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.007 min
Response: 2247329
Conc: 18.09 ug/ml



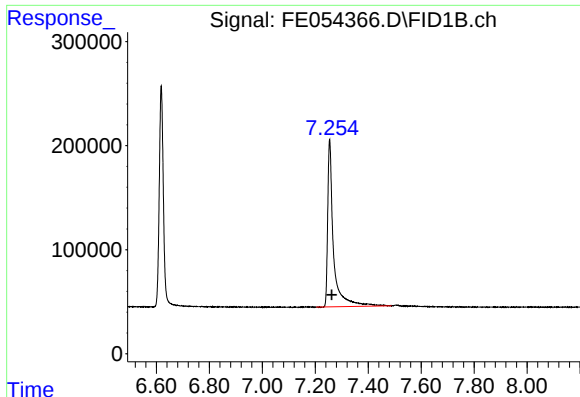
#3 A~Naphthalene (C11.7)

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 2398918
Conc: 17.75 ug/ml



#4 n-Dodecane (C12)

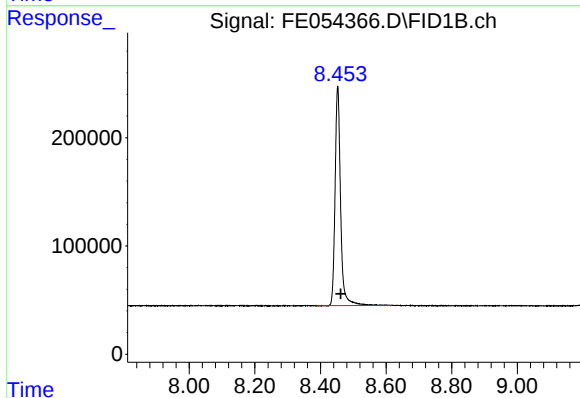
R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 2314955
Conc: 18.18 ug/ml



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

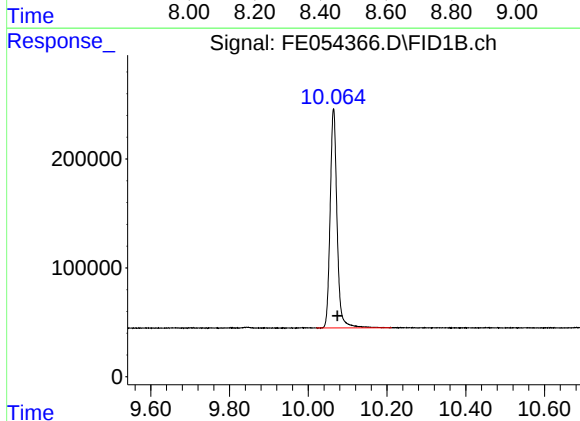
R.T.: 7.255 min
Delta R.T.: -0.008 min
Response: 2459918
Conc: 18.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



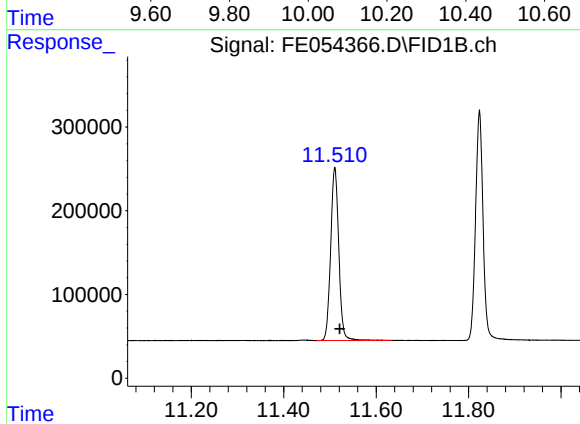
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.009 min
Response: 2367498
Conc: 18.29 ug/ml



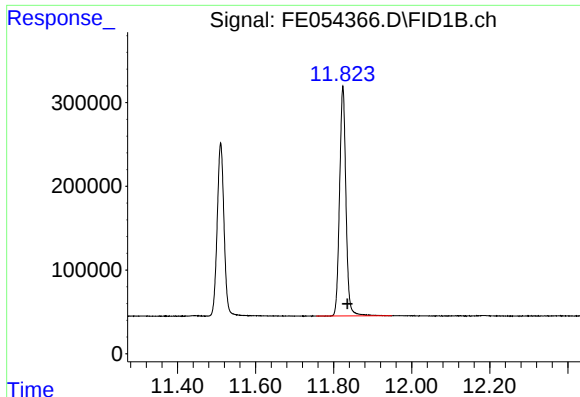
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.010 min
Response: 2449275
Conc: 18.44 ug/ml



#8 n-Octadecane (C18)

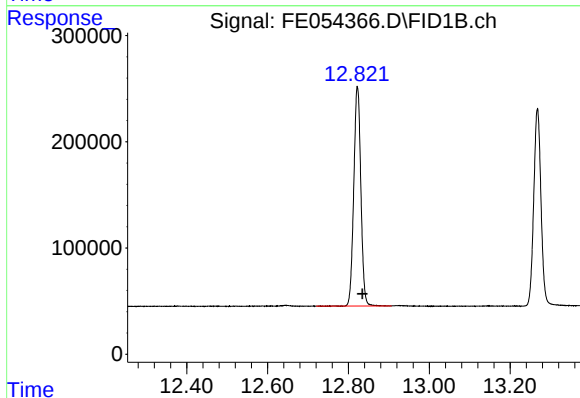
R.T.: 11.511 min
Delta R.T.: -0.010 min
Response: 2522342
Conc: 18.68 ug/ml



#9 ortho-Terphenyl (SURR)

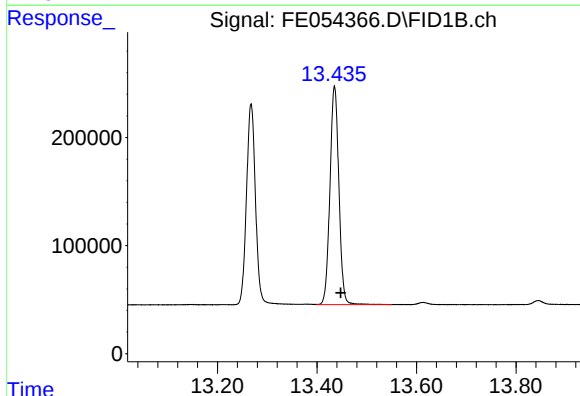
R.T.: 11.824 min
Delta R.T.: -0.011 min
Response: 3105704
Conc: 18.80 ug/ml

Instrument :
FID_E
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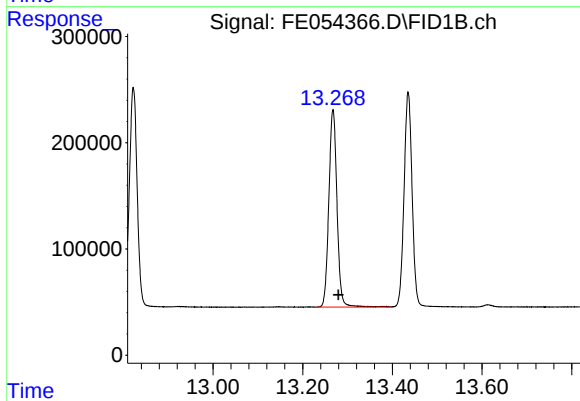
#10 n-Eicosane (C20)

R.T.: 12.822 min
Delta R.T.: -0.012 min
Response: 2512134
Conc: 18.78 ug/ml



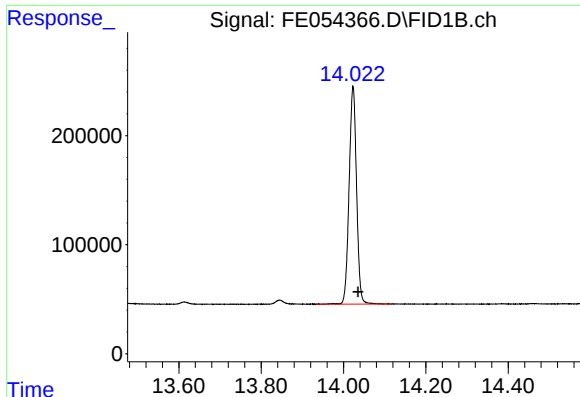
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: -0.012 min
Response: 2523789
Conc: 18.98 ug/ml



#12 1-chlorooctadecane (SURR)

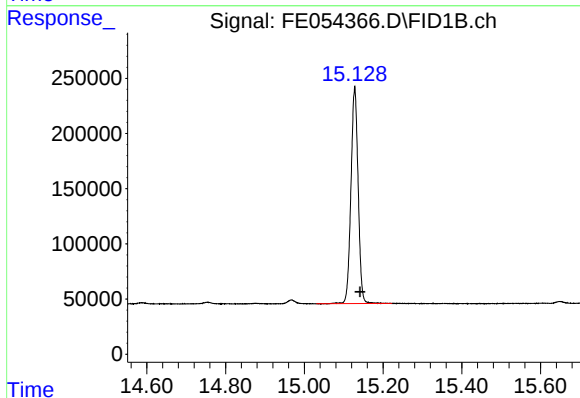
R.T.: 13.268 min
Delta R.T.: -0.012 min
Response: 2346629
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

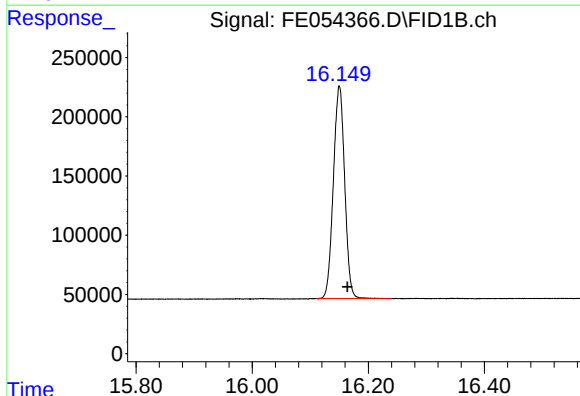
R.T.: 14.023 min
Delta R.T.: -0.012 min
Response: 2500869
Conc: 19.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



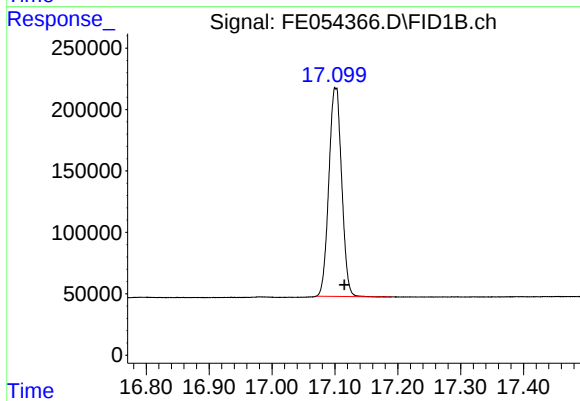
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.014 min
Response: 2486444
Conc: 19.28 ug/ml



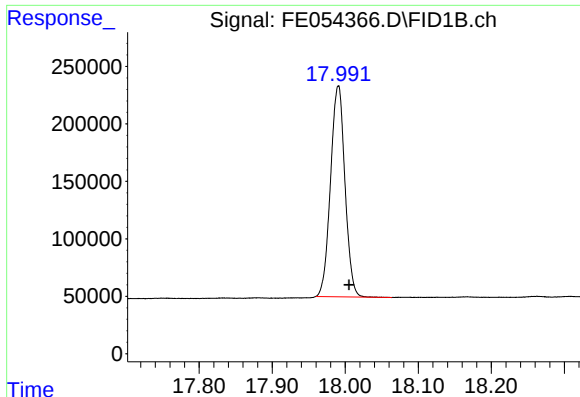
#15 n-Hexacosane (C26)

R.T.: 16.150 min
Delta R.T.: -0.014 min
Response: 2432560
Conc: 19.38 ug/ml



#16 n-Octacosane (C28)

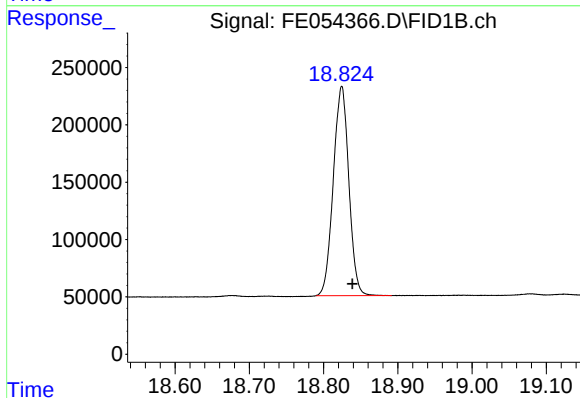
R.T.: 17.101 min
Delta R.T.: -0.014 min
Response: 2405012
Conc: 19.61 ug/ml



#17 n-Tricontane (C30)

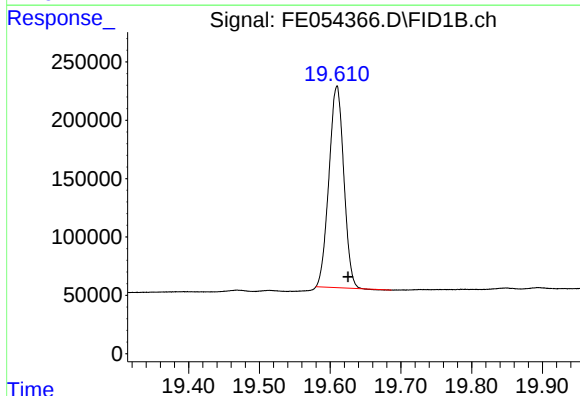
R.T.: 17.990 min
Delta R.T.: -0.015 min
Response: 2518550
Conc: 20.32 ug/ml

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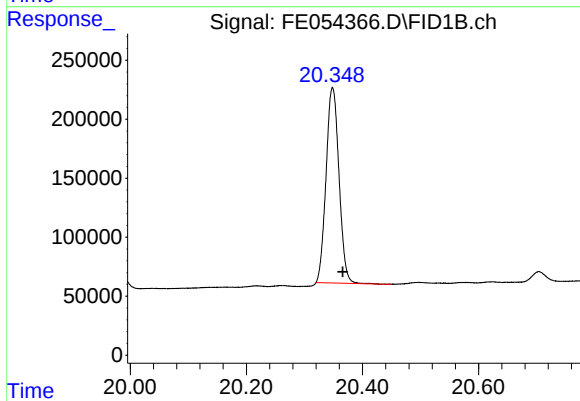
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.015 min
Response: 2655769
Conc: 21.14 ug/ml



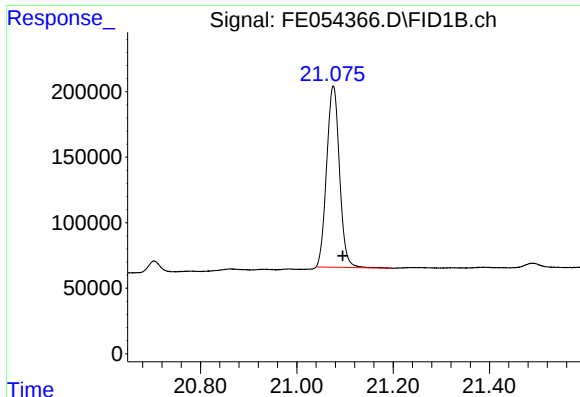
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.016 min
Response: 2518752
Conc: 20.25 ug/ml



#20 n-Hexatriacontane (C36)

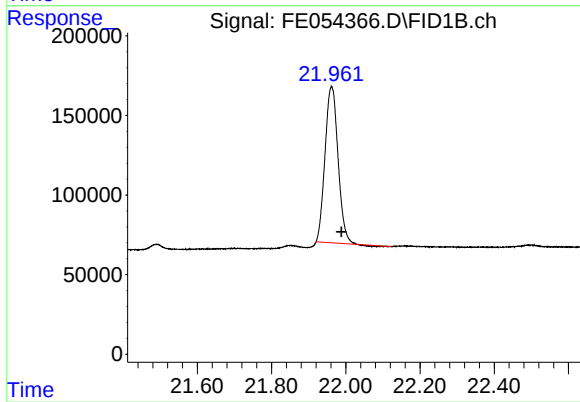
R.T.: 20.349 min
Delta R.T.: -0.018 min
Response: 2561548
Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: -0.020 min
Response: 2553022
Conc: 19.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.027 min
Response: 2378640
Conc: 17.66 ug/ml