

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054399.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jun 2025 10:28
 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 16 13:36:08 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)	11.825	3449152	20.874 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
12) S 1-chlorooctadecane (S...	13.270	2468796	20.245 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.175	2564696	20.653 ug/ml
2) T n-Decane (C10)	4.438	2607737	20.987 ug/ml
3) T A~Naphthalene (C11.7)	6.152	2805332	20.759 ug/ml
4) T n-Dodecane (C12)	6.619	2679696	21.045 ug/ml
5) T A~2-methylnaphthalene...	7.254	2802407	21.158 ug/ml
6) T n-Tetradecane (C14)	8.454	2693003	20.801 ug/ml
7) T n-Hexadecane (C16)	10.065	2763628	20.804 ug/ml
8) T n-Octadecane (C18)	11.512	2803109	20.759 ug/ml
10) T n-Eicosane (C20)	12.825	2775972	20.751 ug/ml
11) T n-Heneicosane (C21)	13.438	2762361	20.775 ug/ml
13) T n-Docosane (C22)	14.025	2753596	21.000 ug/ml
14) T n-Tetracosane (C24)	15.131	2727933	21.148 ug/ml
15) T n-Hexacosane (C26)	16.154	2646041	21.079 ug/ml
16) T n-Octacosane (C28)	17.107	2594813	21.160 ug/ml
17) T n-Tricontane (C30)	17.997	2632063	21.236 ug/ml
18) T n-Dotriacontane (C32)	18.832	2577242	20.512 ug/ml
19) T n-Tetratriacontane (C34)	19.618	2367674	19.032 ug/ml
20) T n-Hexatriacontane (C36)	20.358	2266694	17.608 ug/ml
21) T n-Octatriacontane (C38)	21.085	2258466	17.104 ug/ml
22) T n-Tetracontane (C40)	21.975	2930860	21.757 ug/ml

(f)=RT Delta > 1/2 Window

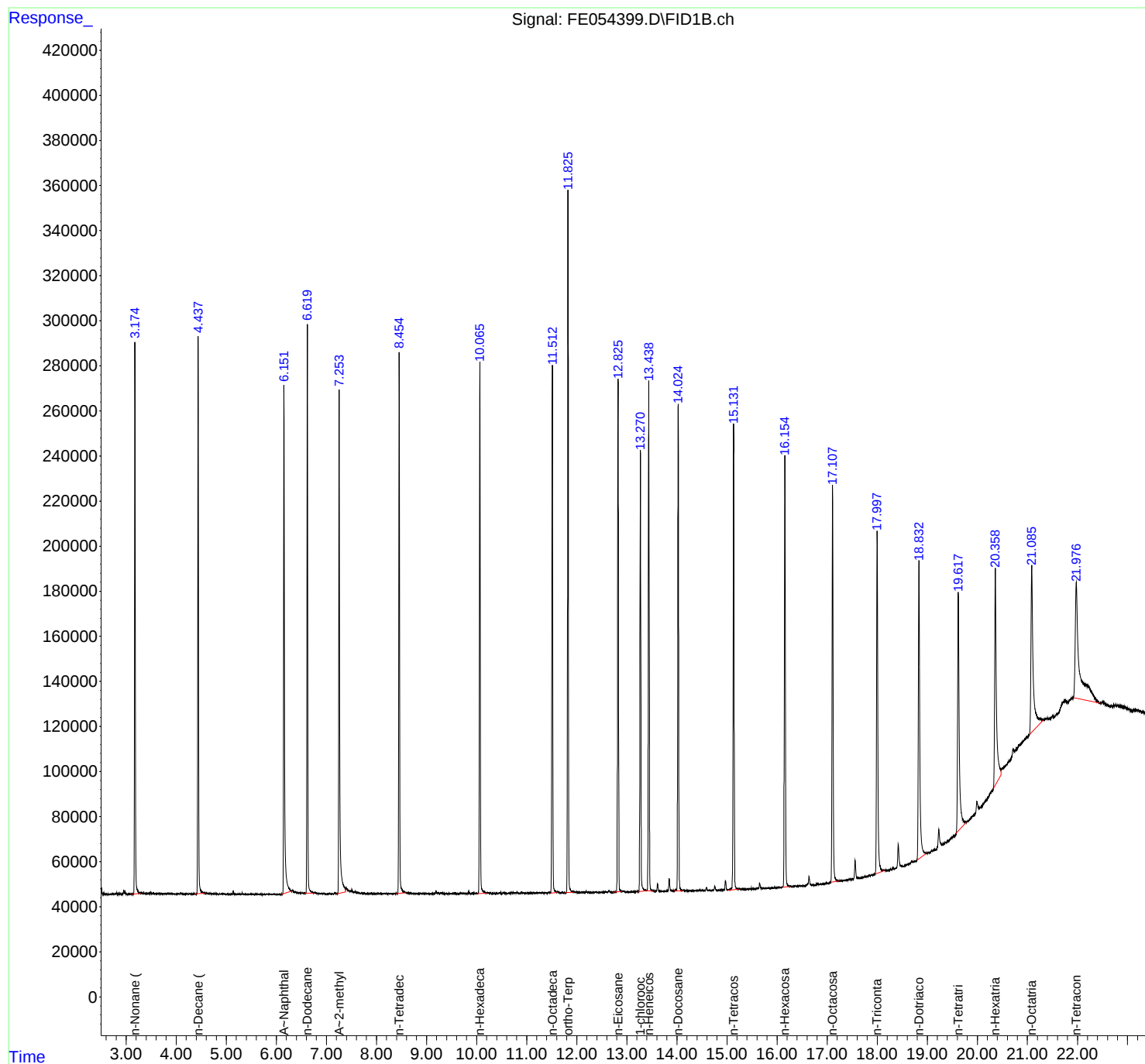
(m)=manual int.

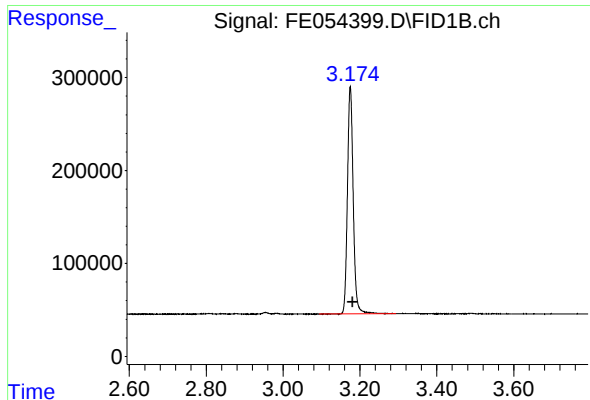
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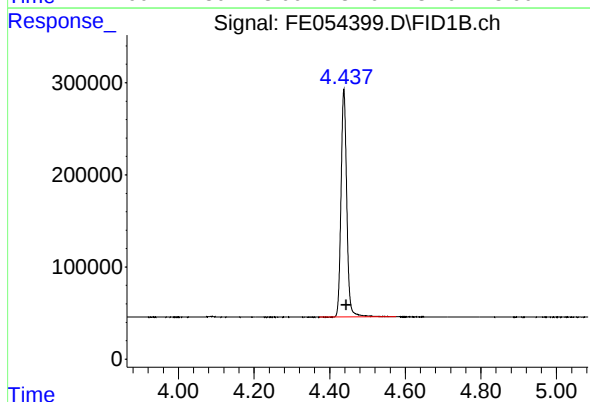




#1 n-Nonane (C9)

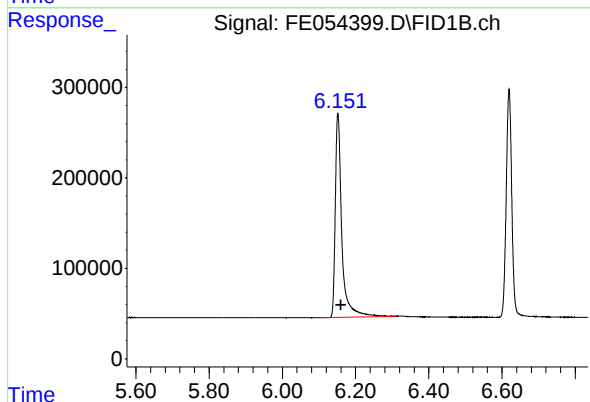
R.T.: 3.175 min
Delta R.T.: -0.006 min
Response: 2564696
Conc: 20.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



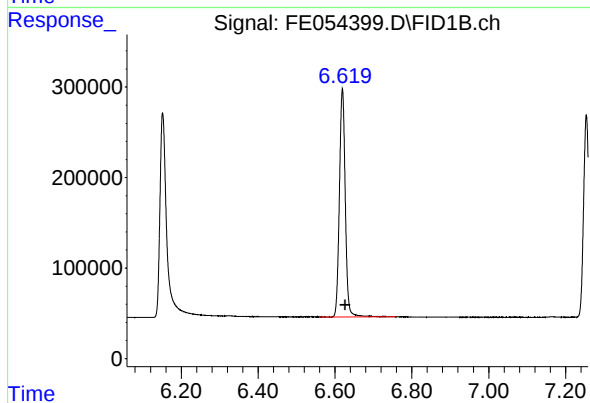
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.007 min
Response: 2607737
Conc: 20.99 ug/ml



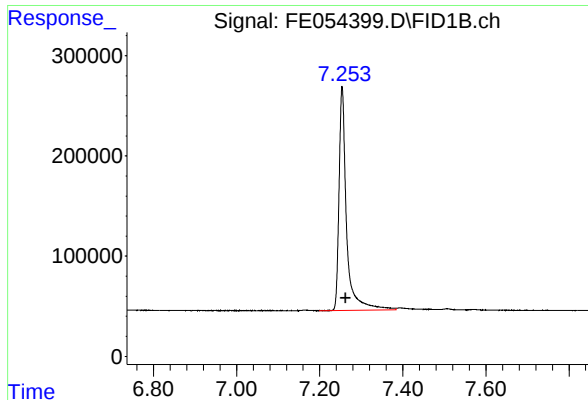
#3 A~Naphthalene (C11.7)

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 2805332
Conc: 20.76 ug/ml



#4 n-Dodecane (C12)

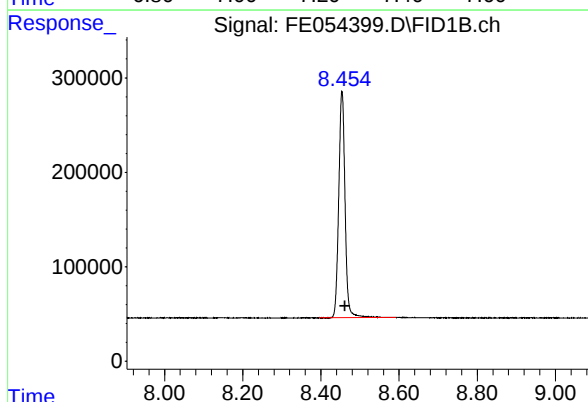
R.T.: 6.619 min
Delta R.T.: -0.007 min
Response: 2679696
Conc: 21.04 ug/ml



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

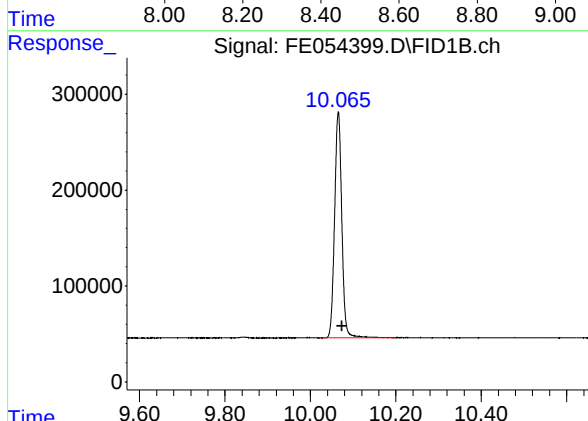
R.T.: 7.254 min
Delta R.T.: -0.009 min
Response: 2802407
Conc: 21.16 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



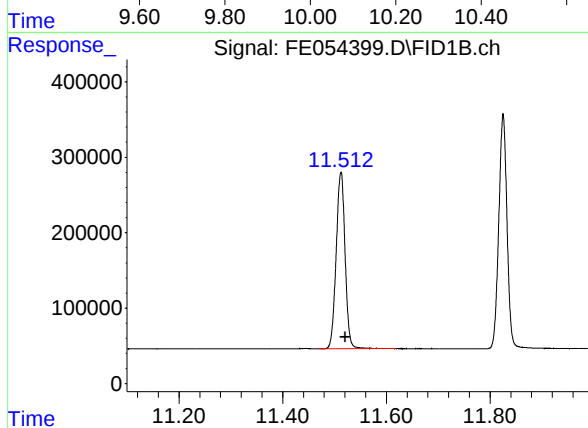
#6 n-Tetradecane (C14)

R.T.: 8.454 min
Delta R.T.: -0.008 min
Response: 2693003
Conc: 20.80 ug/ml



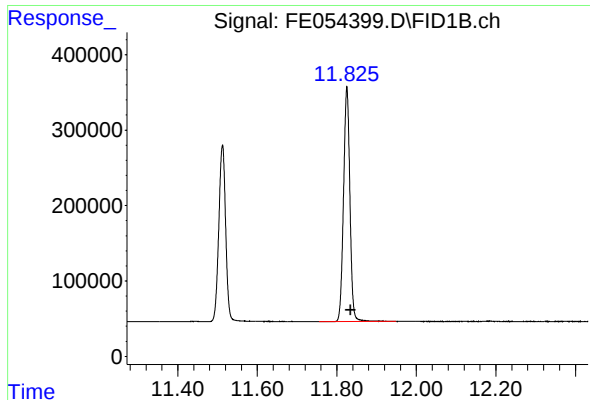
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: -0.009 min
Response: 2763628
Conc: 20.80 ug/ml



#8 n-Octadecane (C18)

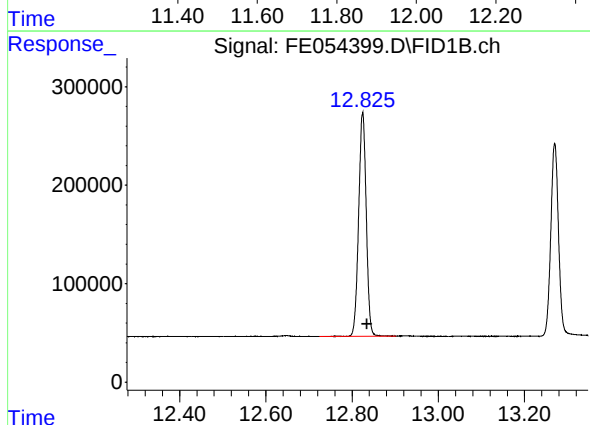
R.T.: 11.512 min
Delta R.T.: -0.009 min
Response: 2803109
Conc: 20.76 ug/ml



#9 ortho-Terphenyl (SURR)

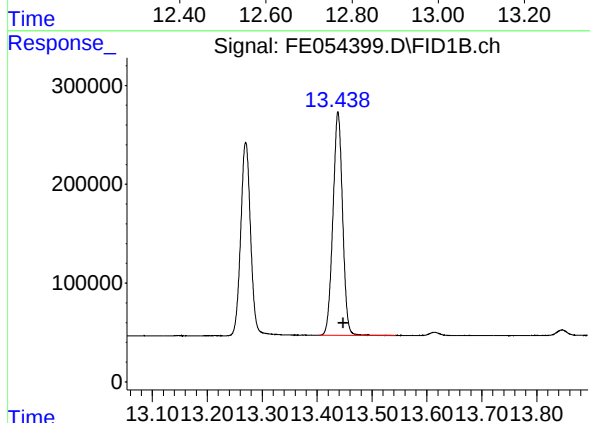
R.T.: 11.825 min
Delta R.T.: -0.010 min
Response: 3449152
Conc: 20.87 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



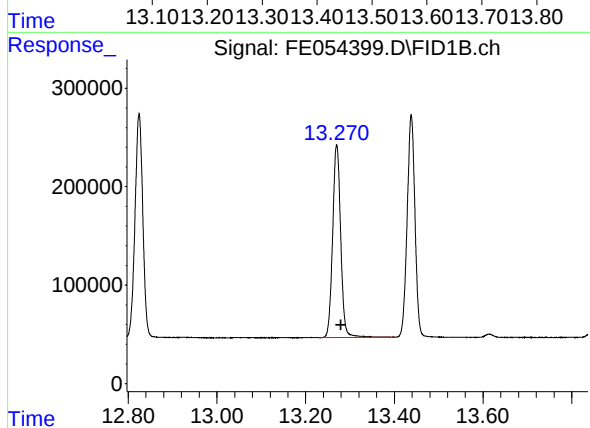
#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.010 min
Response: 2775972
Conc: 20.75 ug/ml



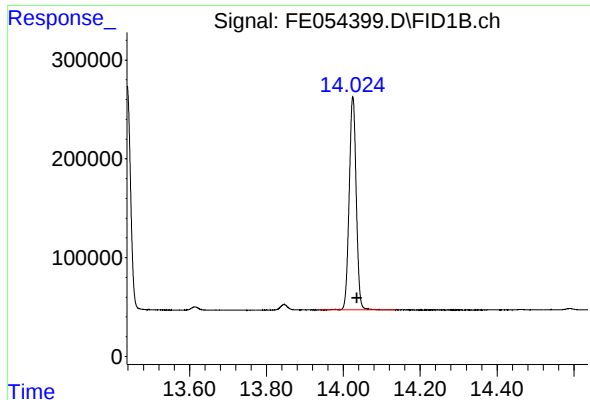
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.010 min
Response: 2762361
Conc: 20.77 ug/ml



#12 1-chlorooctadecane (SURR)

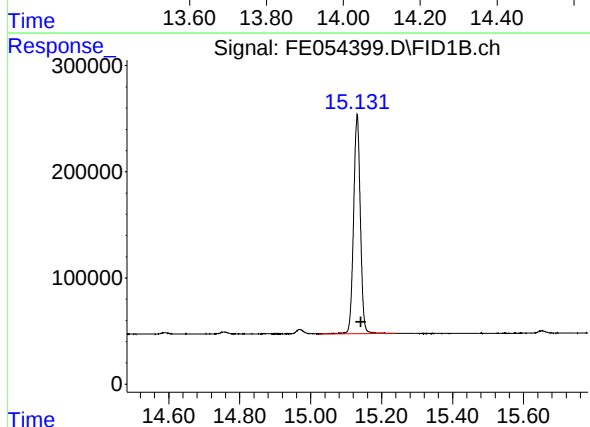
R.T.: 13.270 min
Delta R.T.: -0.009 min
Response: 2468796
Conc: 20.24 ug/ml



#13 n-Docosane (C22)

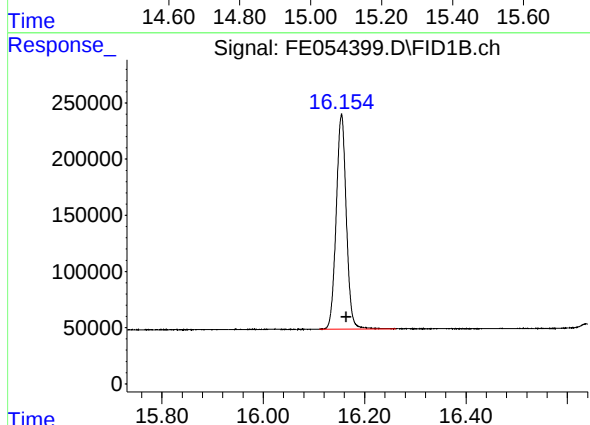
R.T.: 14.025 min
Delta R.T.: -0.011 min
Response: 2753596
Conc: 21.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



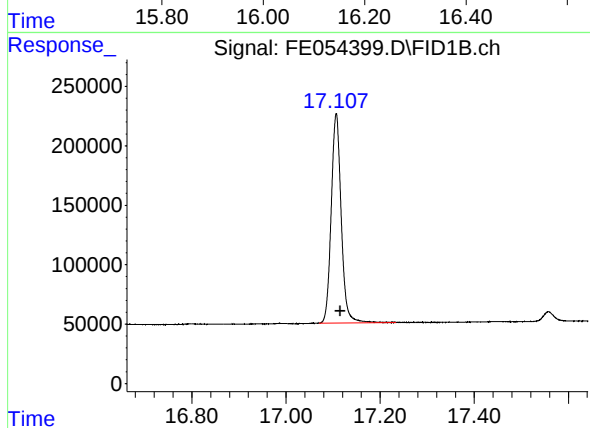
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.011 min
Response: 2727933
Conc: 21.15 ug/ml



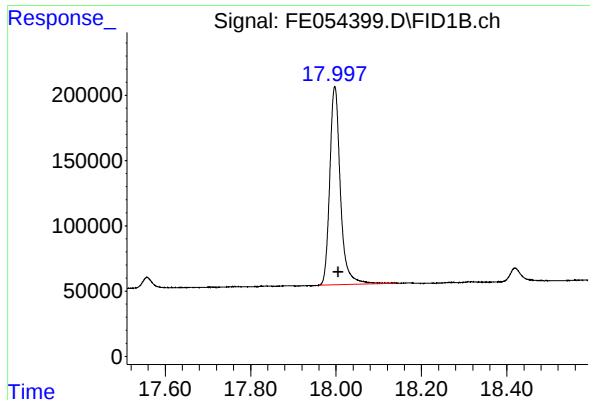
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.010 min
Response: 2646041
Conc: 21.08 ug/ml



#16 n-Octacosane (C28)

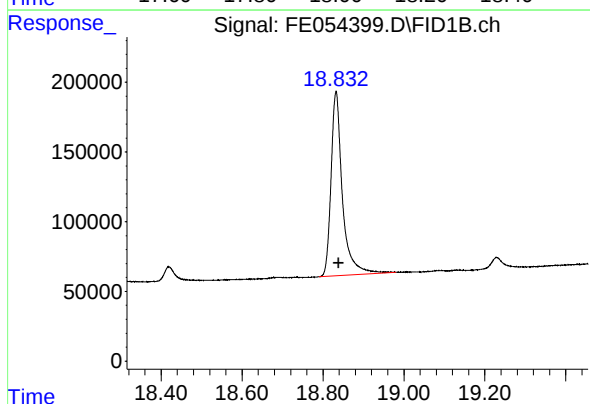
R.T.: 17.107 min
Delta R.T.: -0.008 min
Response: 2594813
Conc: 21.16 ug/ml



#17 n-Tricontane (C30)

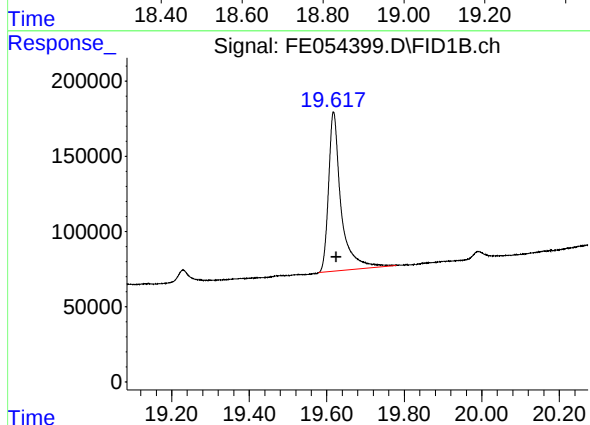
R.T.: 17.997 min
Delta R.T.: -0.008 min
Response: 2632063
Conc: 21.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



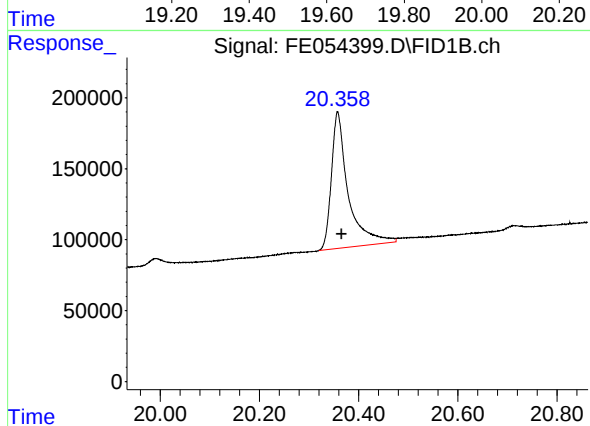
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.007 min
Response: 2577242
Conc: 20.51 ug/ml



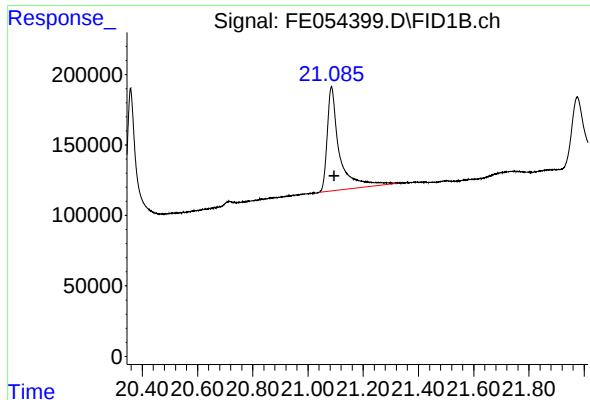
#19 n-Tetatriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.008 min
Response: 2367674
Conc: 19.03 ug/ml



#20 n-Hexatriacontane (C36)

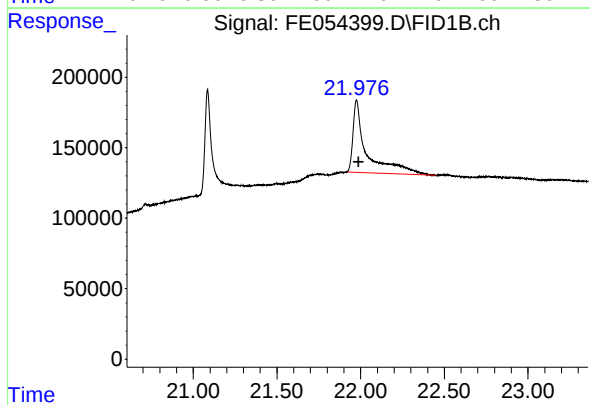
R.T.: 20.358 min
Delta R.T.: -0.008 min
Response: 2266694
Conc: 17.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: -0.011 min
Response: 2258466
Conc: 17.10 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: -0.013 min
Response: 2930860
Conc: 21.76 ug/ml