

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102424AL\
 Data File : FE050813.D
 Signal(s) : FID1B.ch
 Acq On : 24 Oct 2024 12:46
 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: Oct 25 02:00:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.859	3217372	20.408 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
12) S 1-chlorooctadecane (S...	13.292	2448203	20.696 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
Target Compounds			
1) T n-Nonane (C9)	3.246	2896719	20.502 ug/ml
2) T n-Decane (C10)	4.497	3012673	20.998 ug/ml
3) T A~Naphthalene (C11.7)	6.209	2994285	20.940 ug/ml
4) T n-Dodecane (C12)	6.664	3012426	20.929 ug/ml
5) T A~2-methylnaphthalene...	7.305	2790065	21.060 ug/ml
6) T n-Tetradecane (C14)	8.491	2979388	20.825 ug/ml
7) T n-Hexadecane (C16)	10.097	3049867	20.724 ug/ml
8) T n-Octadecane (C18)	11.538	3070022	20.553 ug/ml
10) T n-Eicosane (C20)	12.847	2933555	20.457 ug/ml
11) T n-Heneicosane (C21)	13.457	2878222	20.495 ug/ml
13) T n-Docosane (C22)	14.042	2856496	20.361 ug/ml
14) T n-Tetracosane (C24)	15.144	2860861	20.250 ug/ml
15) T n-Hexacosane (C26)	16.164	2872552	20.414 ug/ml
16) T n-Octacosane (C28)	17.112	2945212	20.127 ug/ml
17) T n-Tricontane (C30)	17.999	3225074	20.283 ug/ml
18) T n-Dotriacontane (C32)	18.831	3338393	20.593 ug/ml
19) T n-Tetratriacontane (C34)	19.613	3014967	20.525 ug/ml
20) T n-Hexatriacontane (C36)	20.353	2613194	20.607 ug/ml
21) T n-Octatriacontane (C38)	21.077	2358994	19.078 ug/ml
22) T n-Tetracontane (C40)	21.963	2075812	18.642 ug/ml

(f)=RT Delta > 1/2 Window

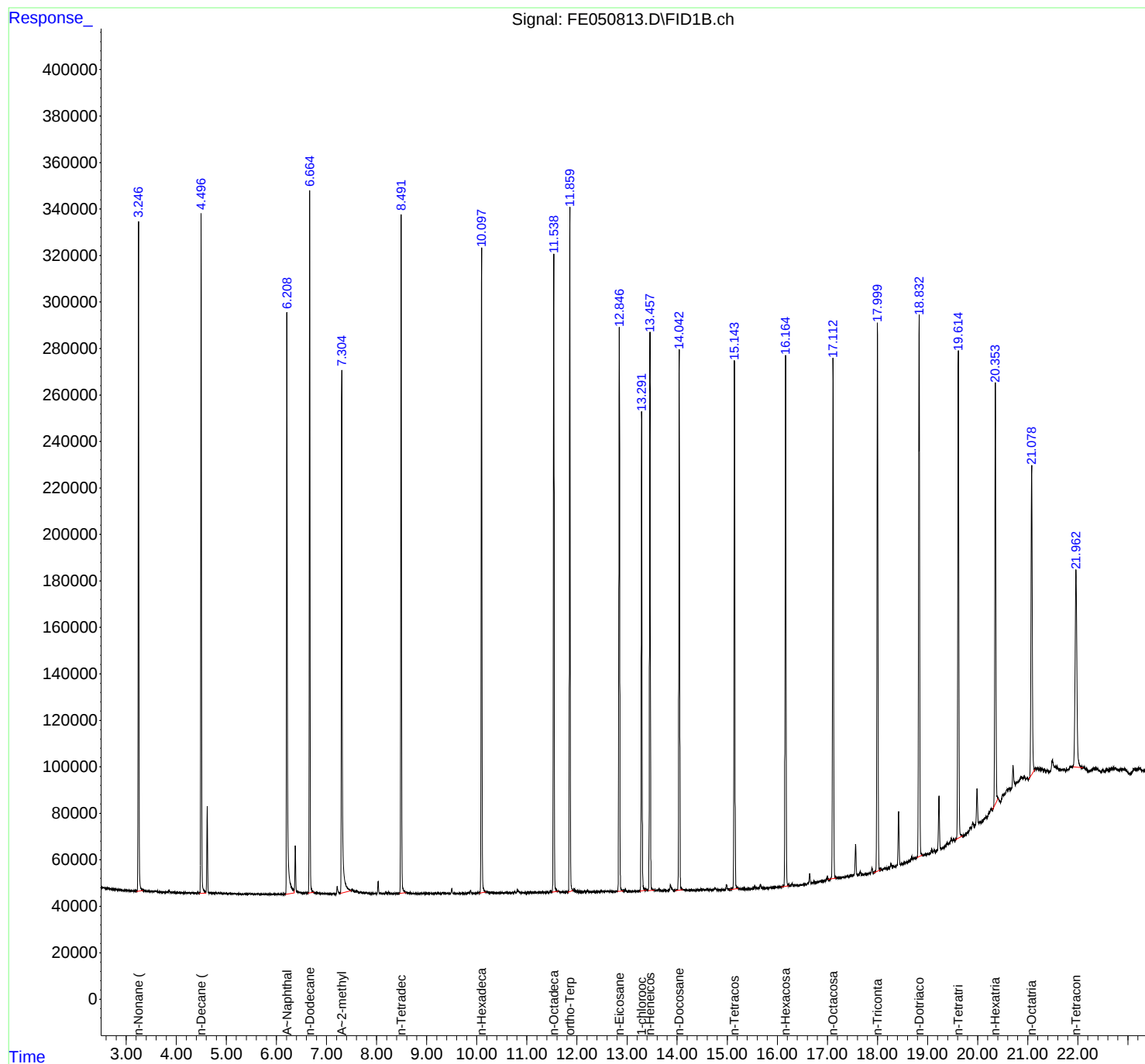
(m)=manual int.

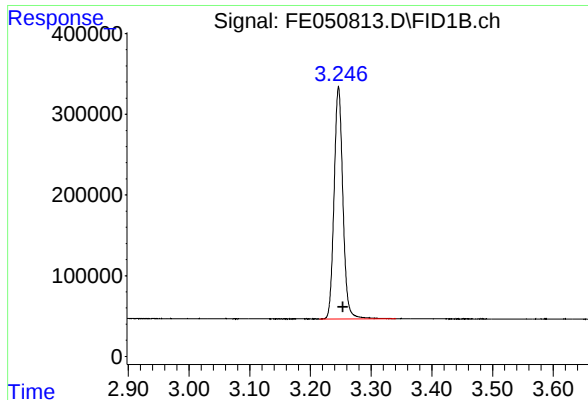
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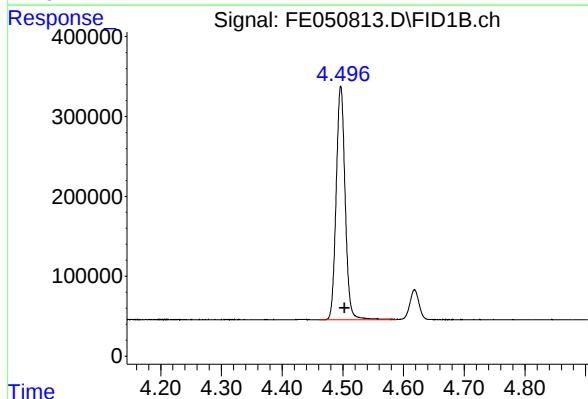




#1 n-Nonane (C9)

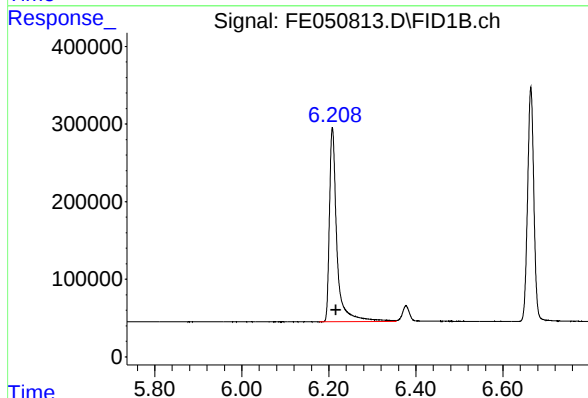
R.T.: 3.246 min
Delta R.T.: -0.008 min
Response: 2896719
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



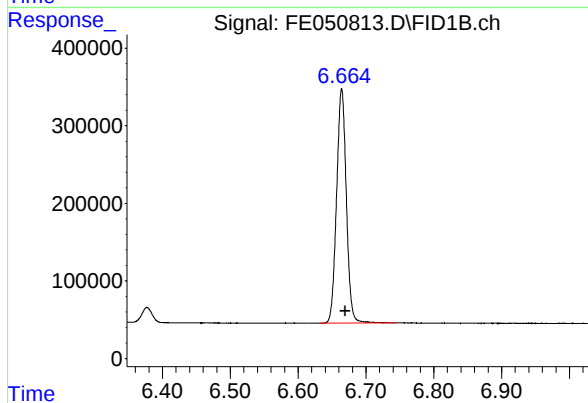
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: -0.006 min
Response: 3012673
Conc: 21.00 ug/ml



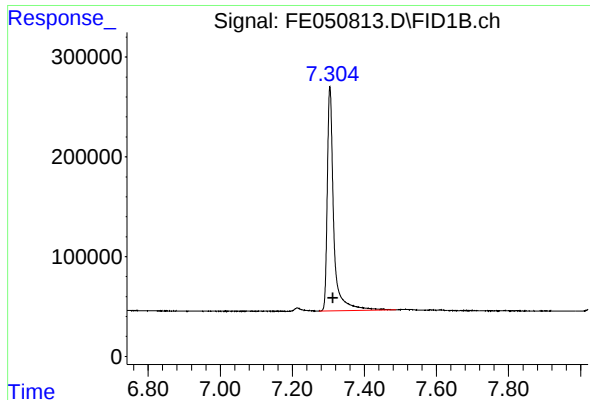
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.008 min
Response: 2994285
Conc: 20.94 ug/ml



#4 n-Dodecane (C12)

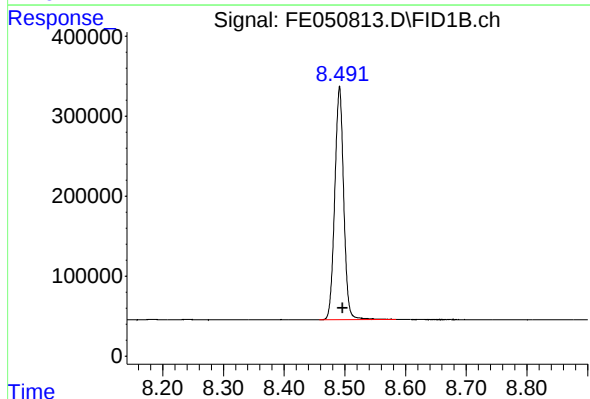
R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 3012426
Conc: 20.93 ug/ml



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

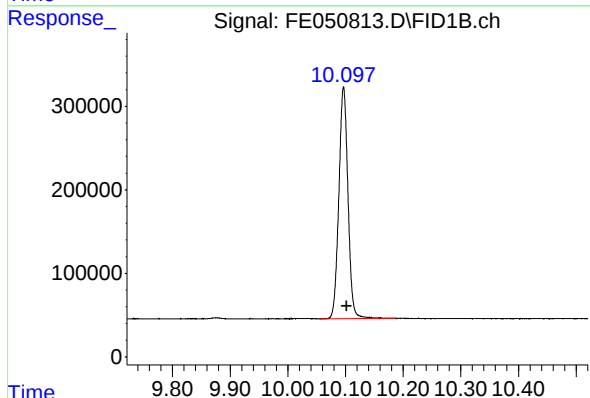
R.T.: 7.305 min
Delta R.T.: -0.008 min
Response: 2790065
Conc: 21.06 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



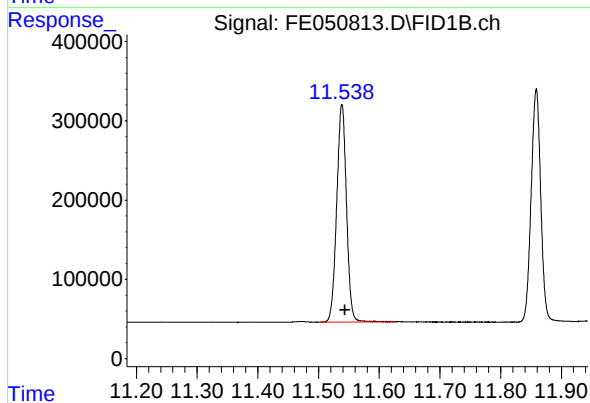
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.005 min
Response: 2979388
Conc: 20.83 ug/ml



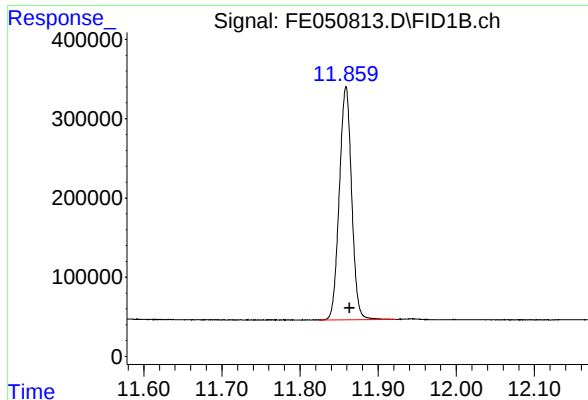
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.005 min
Response: 3049867
Conc: 20.72 ug/ml



#8 n-Octadecane (C18)

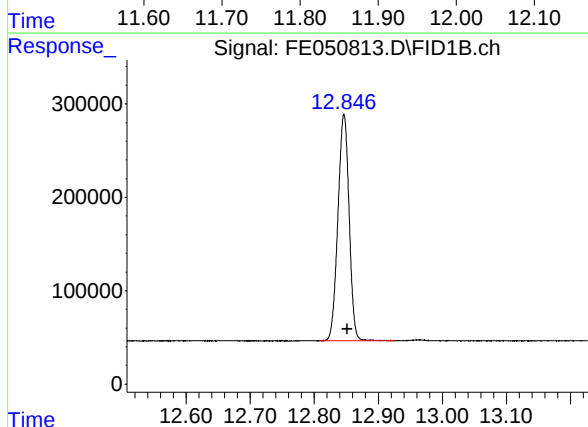
R.T.: 11.538 min
Delta R.T.: -0.005 min
Response: 3070022
Conc: 20.55 ug/ml



#9 ortho-Terphenyl (SURR)

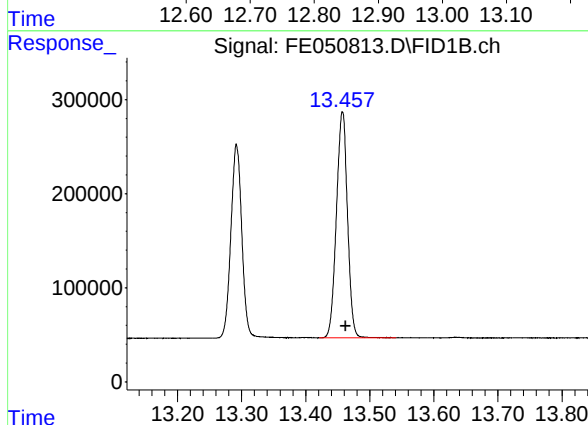
R.T.: 11.859 min
Delta R.T.: -0.005 min
Response: 3217372
Conc: 20.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



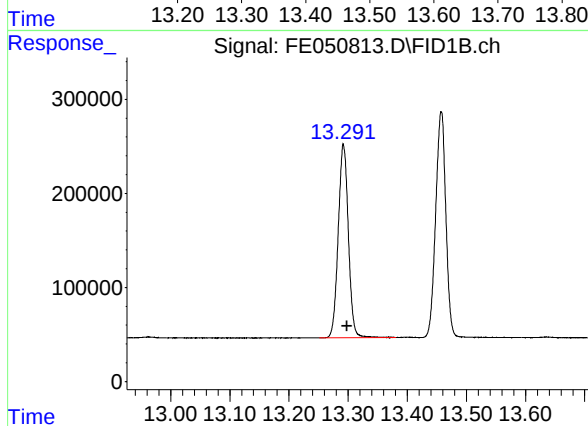
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: -0.005 min
Response: 2933555
Conc: 20.46 ug/ml



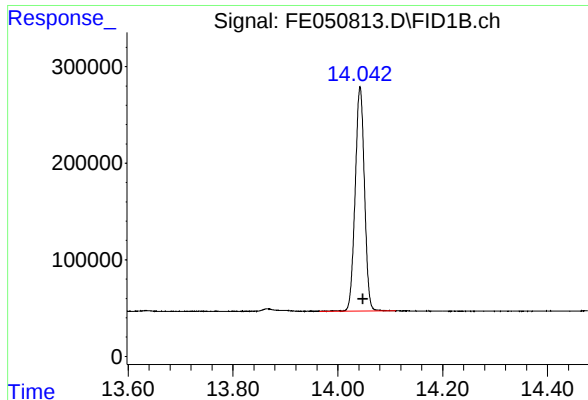
#11 n-Heneicosane (C21)

R.T.: 13.457 min
Delta R.T.: -0.005 min
Response: 2878222
Conc: 20.50 ug/ml



#12 1-chlorooctadecane (SURR)

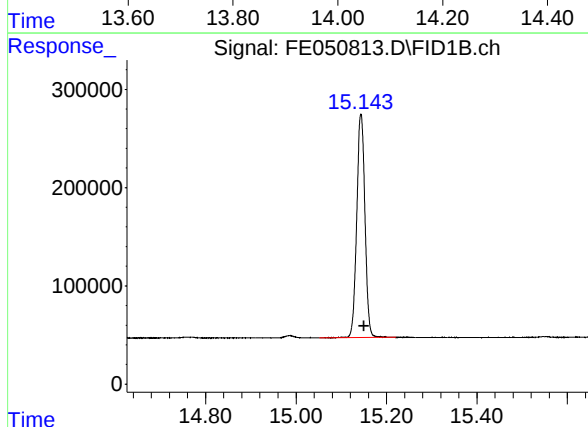
R.T.: 13.292 min
Delta R.T.: -0.006 min
Response: 2448203
Conc: 20.70 ug/ml



#13 n-Docosane (C22)

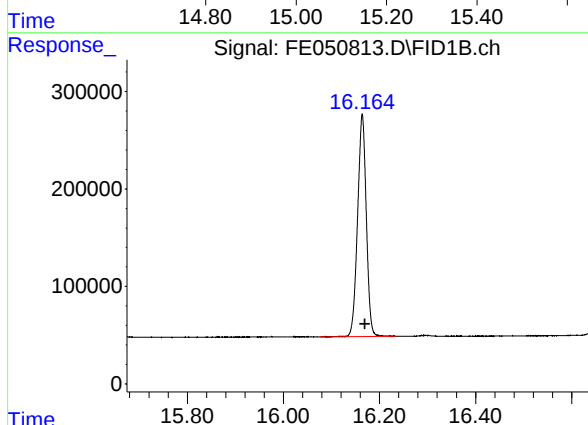
R.T.: 14.042 min
Delta R.T.: -0.005 min
Response: 2856496
Conc: 20.36 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



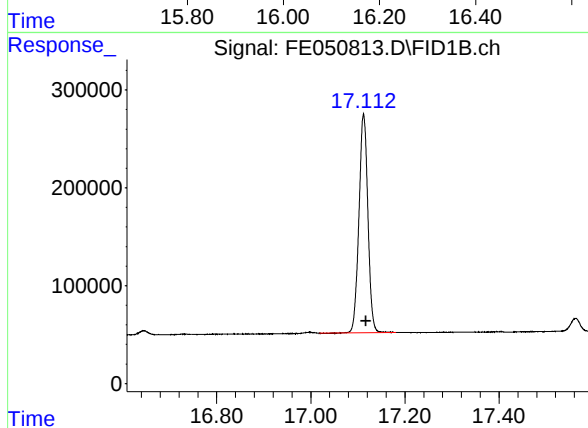
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.006 min
Response: 2860861
Conc: 20.25 ug/ml



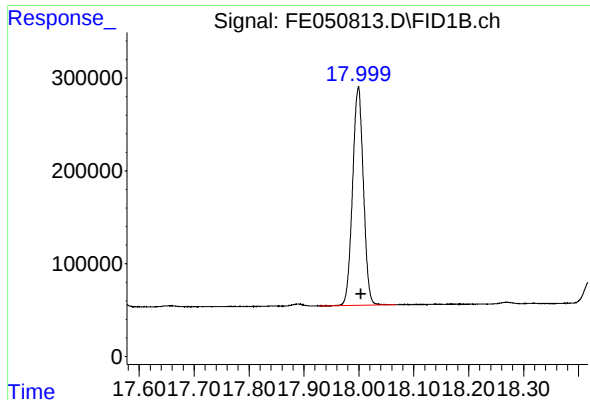
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: -0.005 min
Response: 2872552
Conc: 20.41 ug/ml



#16 n-Octacosane (C28)

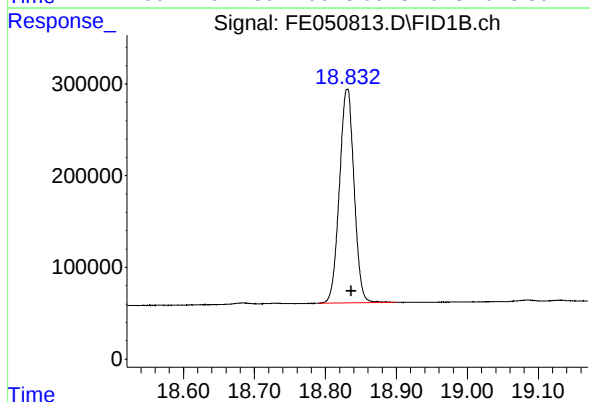
R.T.: 17.112 min
Delta R.T.: -0.005 min
Response: 2945212
Conc: 20.13 ug/ml



#17 n-Tricontane (C30)

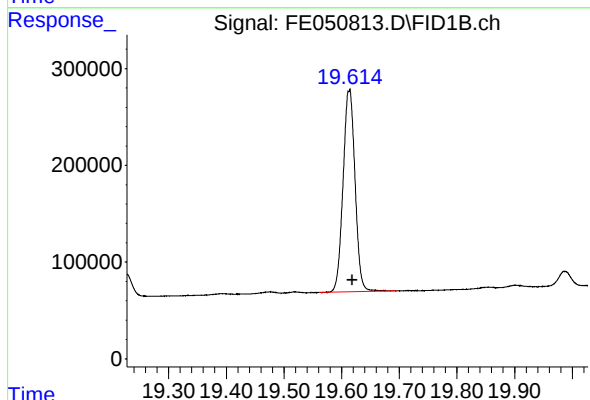
R.T.: 17.999 min
Delta R.T.: -0.005 min
Response: 3225074
Conc: 20.28 ug/ml

Instrument :
FID_E
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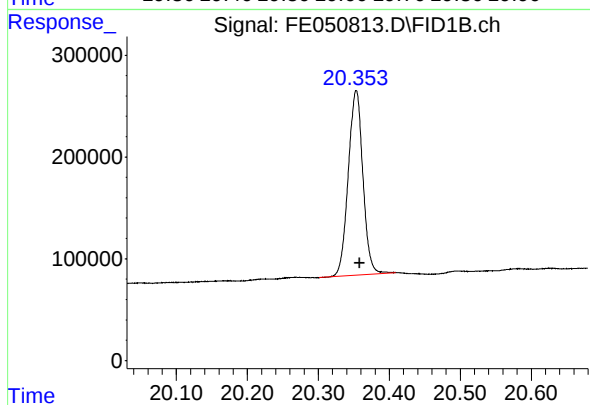
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.006 min
Response: 3338393
Conc: 20.59 ug/ml



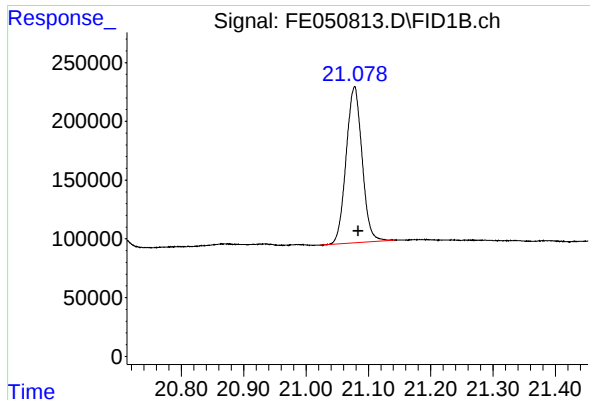
#19 n-Tetratriacontane (C34)

R.T.: 19.613 min
Delta R.T.: -0.005 min
Response: 3014967
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

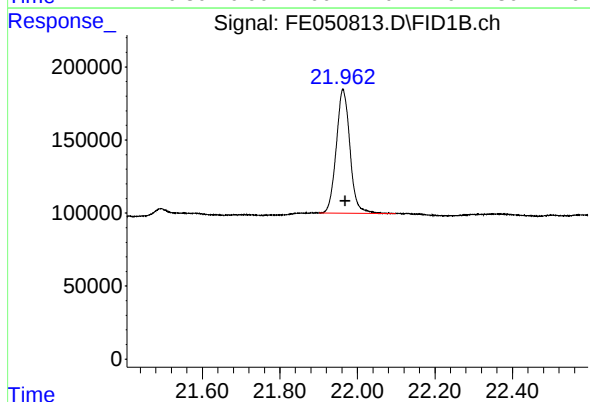
R.T.: 20.353 min
Delta R.T.: -0.005 min
Response: 2613194
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: -0.007 min
Response: 2358994
Conc: 19.08 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.006 min
Response: 2075812
Conc: 18.64 ug/ml