

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102824AL\
 Data File : FE050855.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2024 12:22
 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 29 03:45:16 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)	11.858	2938863	18.641 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
12) S 1-chlorooctadecane (S...	13.292	2232731	18.875 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
Target Compounds			
1) T n-Nonane (C9)	3.246	2622526	18.561 ug/ml
2) T n-Decane (C10)	4.497	2715101	18.924 ug/ml
3) T A~Naphthalene (C11.7)	6.209	2725721	19.062 ug/ml
4) T n-Dodecane (C12)	6.664	2742776	19.056 ug/ml
5) T A~2-methylnaphthalene...	7.305	2535652	19.140 ug/ml
6) T n-Tetradecane (C14)	8.491	2710965	18.949 ug/ml
7) T n-Hexadecane (C16)	10.097	2790752	18.963 ug/ml
8) T n-Octadecane (C18)	11.538	2805740	18.784 ug/ml
10) T n-Eicosane (C20)	12.845	2689913	18.758 ug/ml
11) T n-Heneicosane (C21)	13.456	2629407	18.724 ug/ml
13) T n-Docosane (C22)	14.042	2617390	18.656 ug/ml
14) T n-Tetracosane (C24)	15.143	2617202	18.525 ug/ml
15) T n-Hexacosane (C26)	16.163	2622055	18.634 ug/ml
16) T n-Octacosane (C28)	17.112	2716113	18.561 ug/ml
17) T n-Tricontane (C30)	17.998	2992314	18.819 ug/ml
18) T n-Dotriacontane (C32)	18.830	3125640	19.281 ug/ml
19) T n-Tetratriacontane (C34)	19.614	2866013	19.511 ug/ml
20) T n-Hexatriacontane (C36)	20.352	2489703	19.633 ug/ml
21) T n-Octatriacontane (C38)	21.079	2307536	18.662 ug/ml
22) T n-Tetracontane (C40)	21.963	2171036	19.497 ug/ml

(f)=RT Delta > 1/2 Window

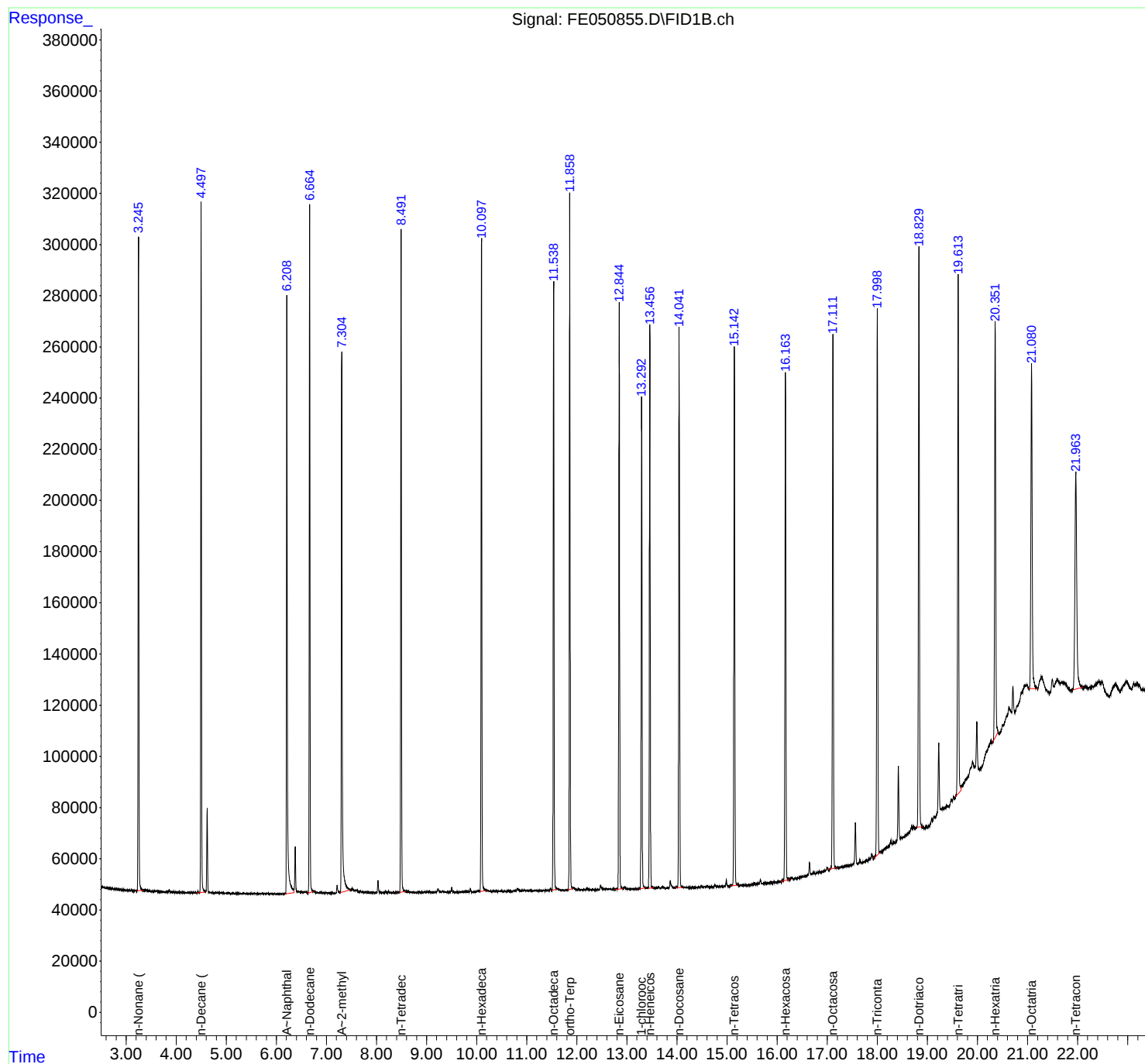
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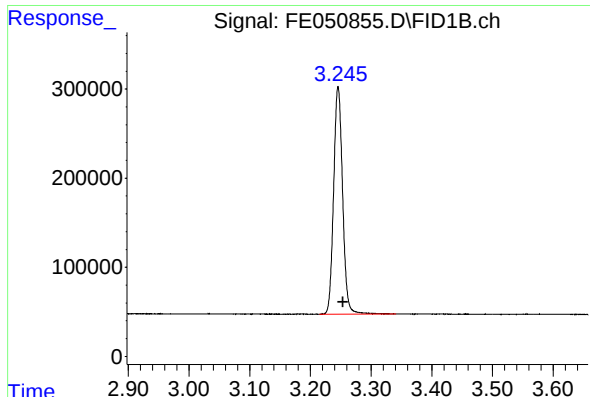
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102824AL\
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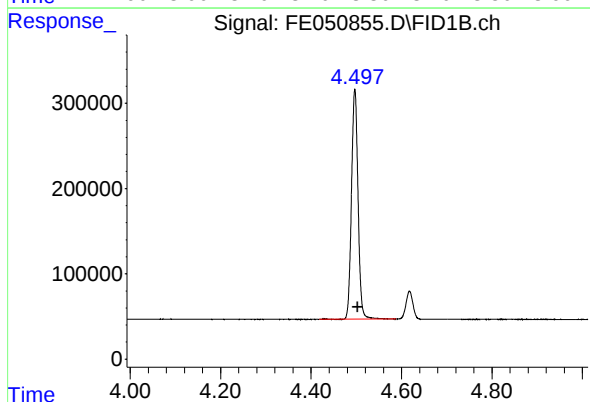




#1 n-Nonane (C9)

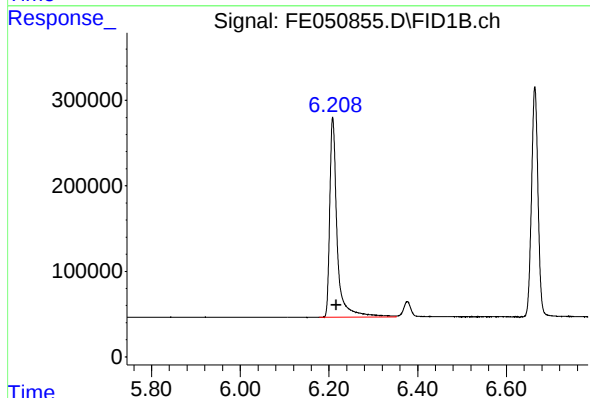
R.T.: 3.246 min
Delta R.T.: -0.008 min
Response: 2622526
Conc: 18.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



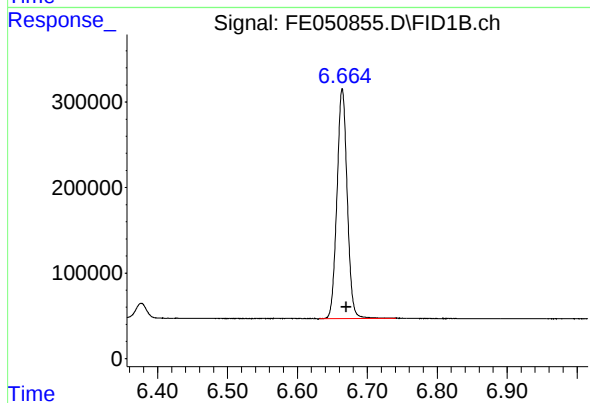
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: -0.006 min
Response: 2715101
Conc: 18.92 ug/ml



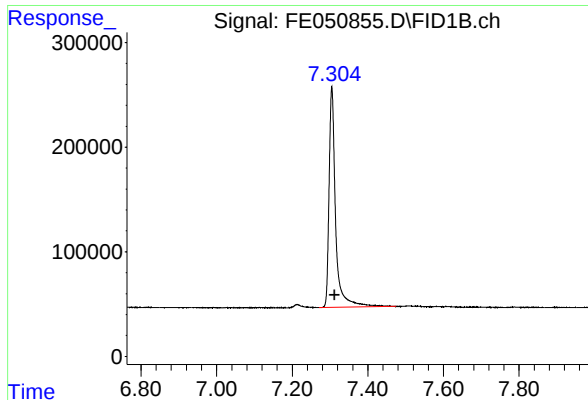
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.008 min
Response: 2725721
Conc: 19.06 ug/ml



#4 n-Dodecane (C12)

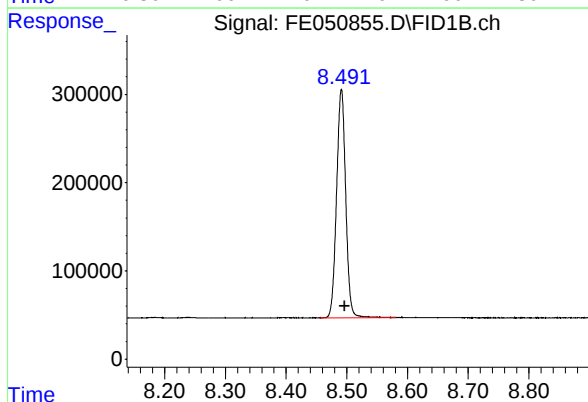
R.T.: 6.664 min
Delta R.T.: -0.006 min
Response: 2742776
Conc: 19.06 ug/ml



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

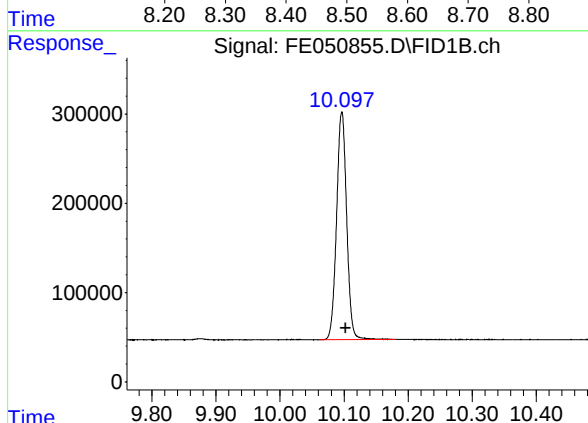
R.T.: 7.305 min
Delta R.T.: -0.008 min
Response: 2535652
Conc: 19.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



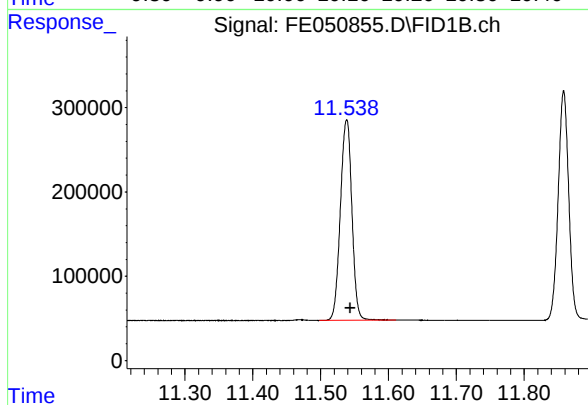
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.005 min
Response: 2710965
Conc: 18.95 ug/ml



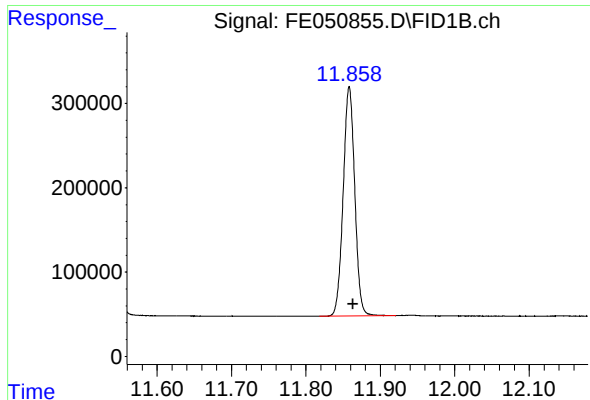
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.006 min
Response: 2790752
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

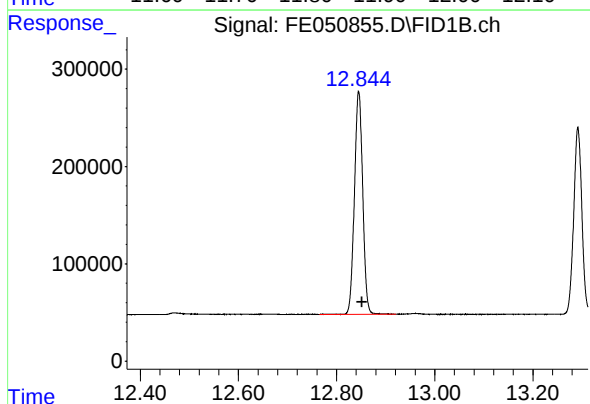
R.T.: 11.538 min
Delta R.T.: -0.006 min
Response: 2805740
Conc: 18.78 ug/ml



#9 ortho-Terphenyl (SURR)

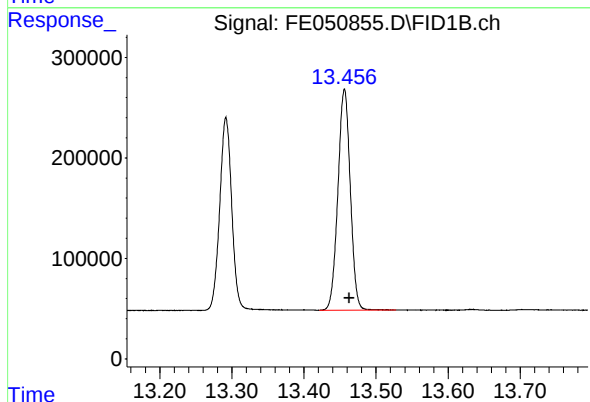
R.T.: 11.858 min
Delta R.T.: -0.005 min
Response: 2938863
Conc: 18.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



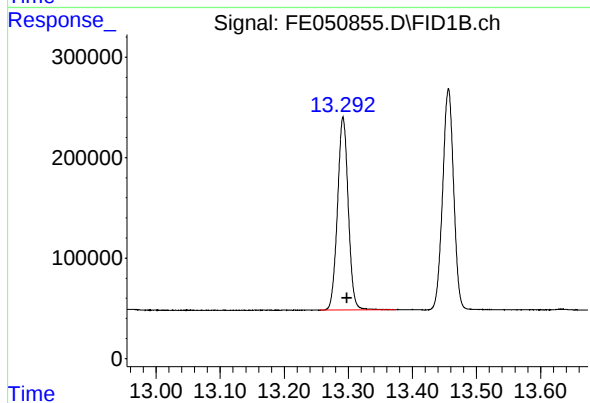
#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: -0.006 min
Response: 2689913
Conc: 18.76 ug/ml



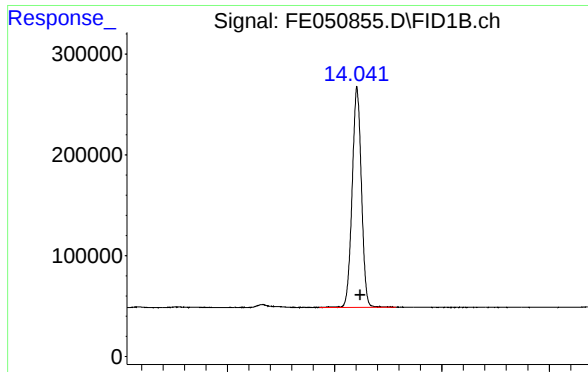
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.006 min
Response: 2629407
Conc: 18.72 ug/ml



#12 1-chlorooctadecane (SURR)

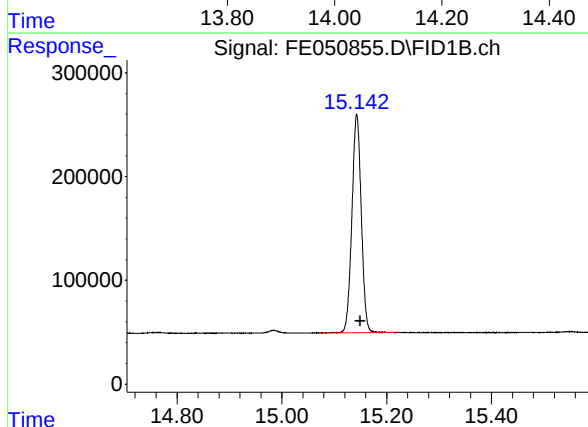
R.T.: 13.292 min
Delta R.T.: -0.006 min
Response: 2232731
Conc: 18.87 ug/ml



#13 n-Docosane (C22)

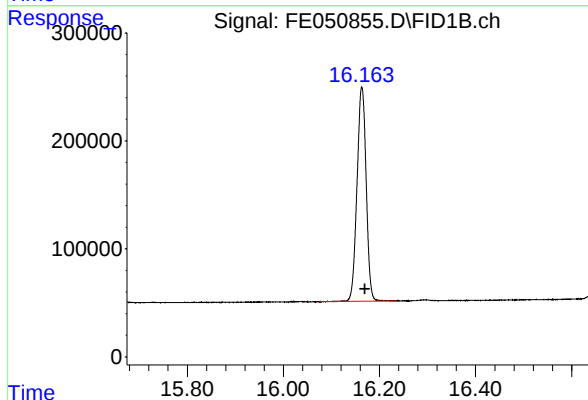
R.T.: 14.042 min
Delta R.T.: -0.006 min
Response: 2617390
Conc: 18.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



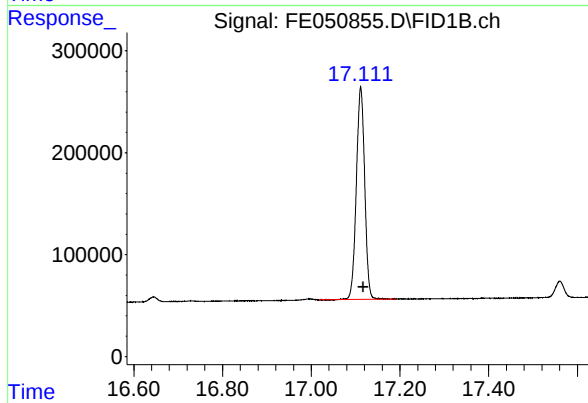
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.007 min
Response: 2617202
Conc: 18.53 ug/ml



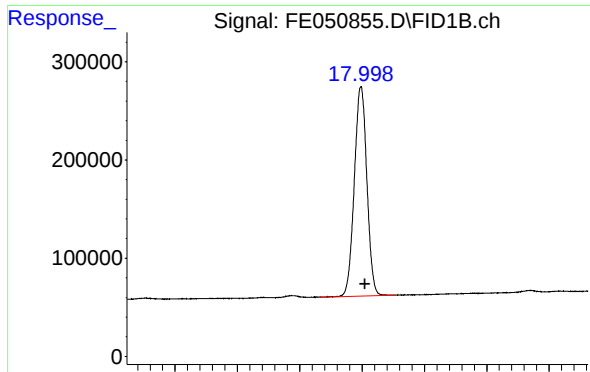
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.006 min
Response: 2622055
Conc: 18.63 ug/ml



#16 n-Octacosane (C28)

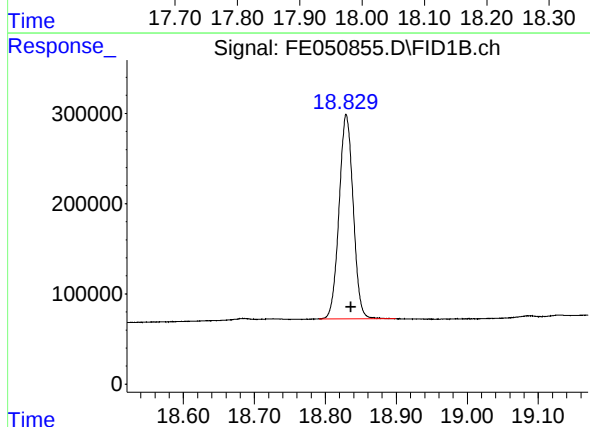
R.T.: 17.112 min
Delta R.T.: -0.006 min
Response: 2716113
Conc: 18.56 ug/ml



#17 n-Tricontane (C30)

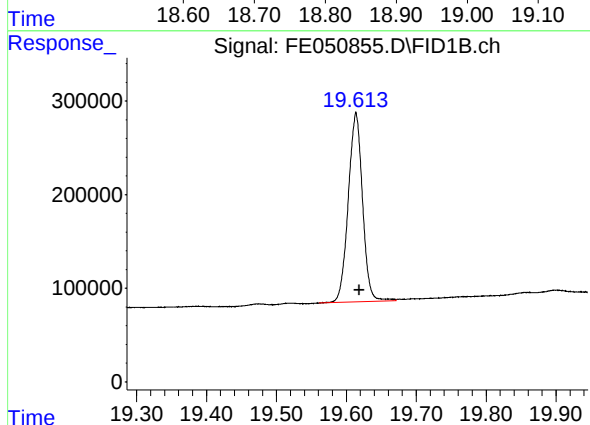
R.T.: 17.998 min
Delta R.T.: -0.006 min
Response: 2992314
Conc: 18.82 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



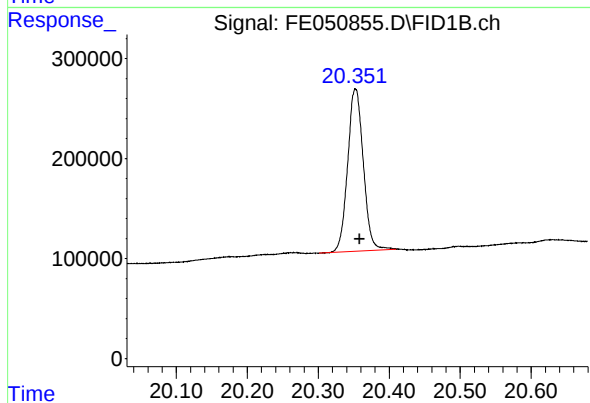
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.007 min
Response: 3125640
Conc: 19.28 ug/ml



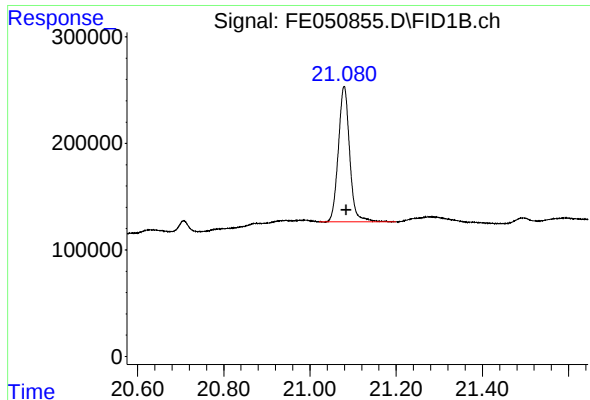
#19 n-Tetratriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.005 min
Response: 2866013
Conc: 19.51 ug/ml



#20 n-Hexatriacontane (C36)

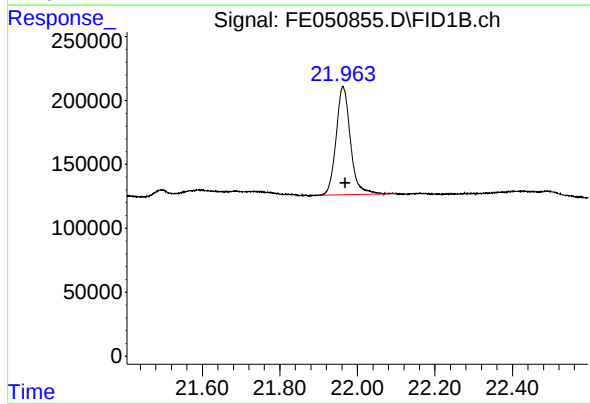
R.T.: 20.352 min
Delta R.T.: -0.006 min
Response: 2489703
Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.005 min
Response: 2307536
Conc: 18.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.006 min
Response: 2171036
Conc: 19.50 ug/ml