

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073124AL\
 Data File : FE049345.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2024 21:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 01 01:23:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.902	3272222	21.097 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
12) S 1-chlorooctadecane (S...	13.337	2504342	21.435 ug/ml
Spiked Amount 50.000		Recovery =	42.87%
Target Compounds			
1) T n-Nonane (C9)	3.290	3142251	20.894 ug/ml
2) T n-Decane (C10)	4.540	3217695	20.833 ug/ml
3) T A~Naphthalene (C11.7)	6.247	3304979	21.213 ug/ml
4) T n-Dodecane (C12)	6.707	3204194	20.809 ug/ml
5) T A~2-methylnaphthalene...	7.343	3095917	21.273 ug/ml
6) T n-Tetradecane (C14)	8.535	3169508	20.883 ug/ml
7) T n-Hexadecane (C16)	10.141	3195255	21.069 ug/ml
8) T n-Octadecane (C18)	11.584	3193435	21.033 ug/ml
10) T n-Eicosane (C20)	12.893	3044942	21.057 ug/ml
11) T n-Heneicosane (C21)	13.504	2992525	21.103 ug/ml
13) T n-Docosane (C22)	14.090	2975349	21.178 ug/ml
14) T n-Tetracosane (C24)	15.191	2998110	21.392 ug/ml
15) T n-Hexacosane (C26)	16.211	2985304	21.290 ug/ml
16) T n-Octacosane (C28)	17.161	3030986	21.655 ug/ml
17) T n-Tricontane (C30)	18.047	3165646	21.702 ug/ml
18) T n-Dotriacontane (C32)	18.879	3227646	21.951 ug/ml
19) T n-Tetratriacontane (C34)	19.662	3185458	21.808 ug/ml
20) T n-Hexatriacontane (C36)	20.402	3223725	22.362 ug/ml
21) T n-Octatriacontane (C38)	21.132	3223346	21.533 ug/ml
22) T n-Tetracontane (C40)	22.034	3266327	21.645 ug/ml

(f)=RT Delta > 1/2 Window

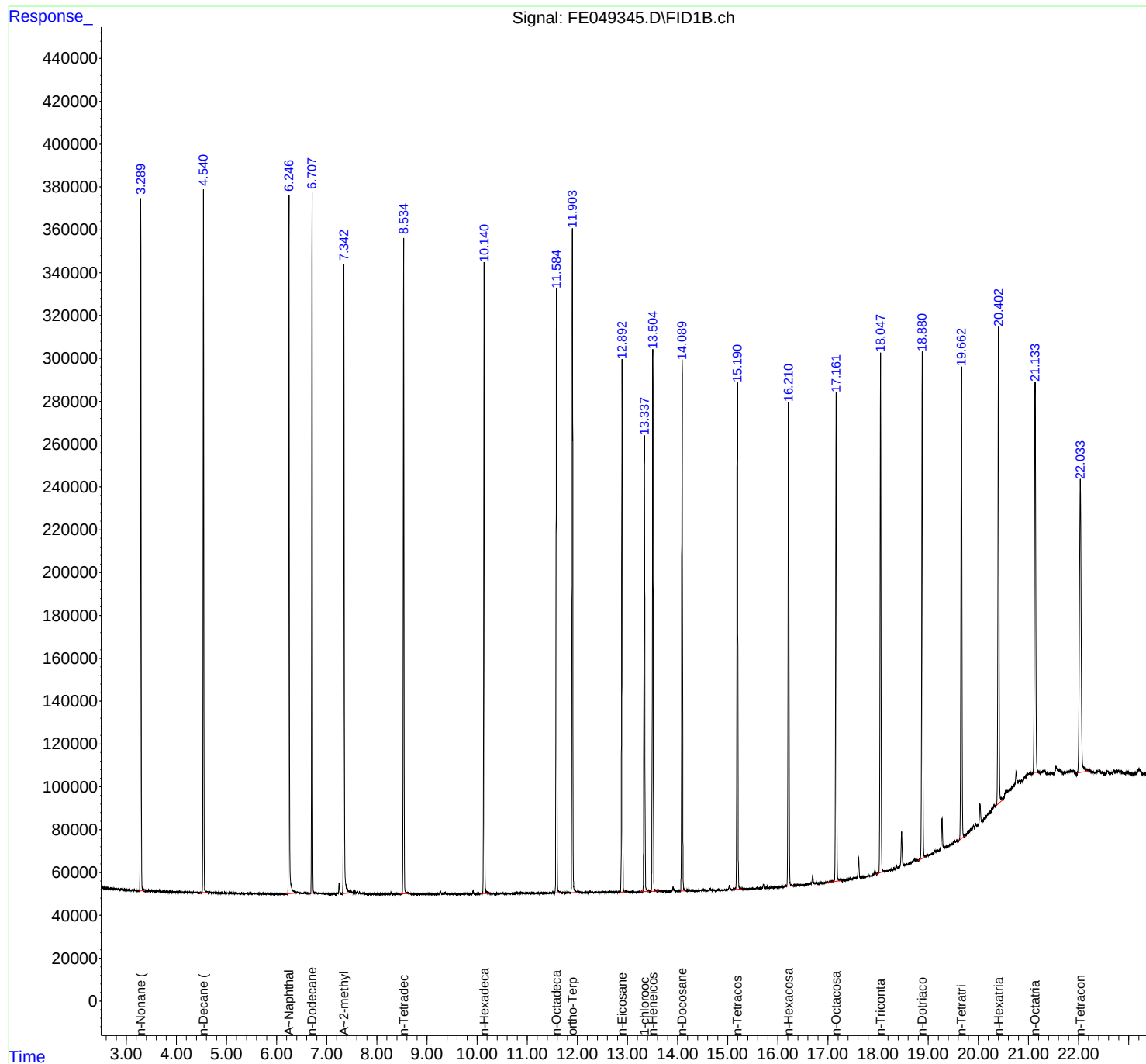
(m)=manual int.

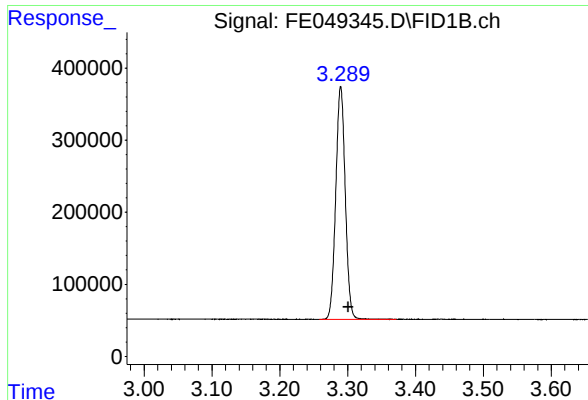
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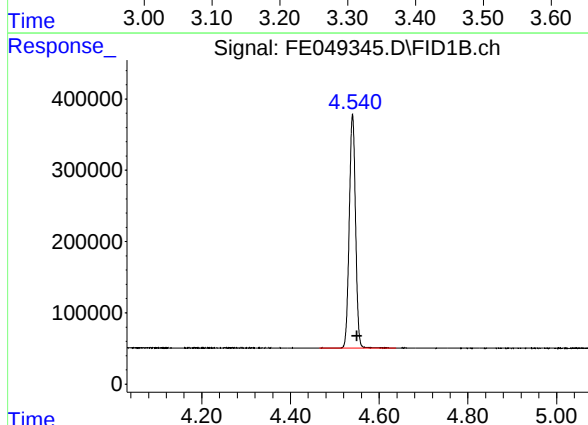




#1 n-Nonane (C9)

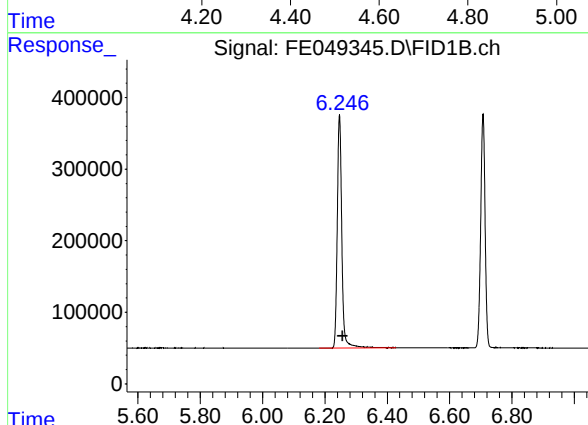
R.T.: 3.290 min
Delta R.T.: -0.011 min
Response: 3142251
Conc: 20.89 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



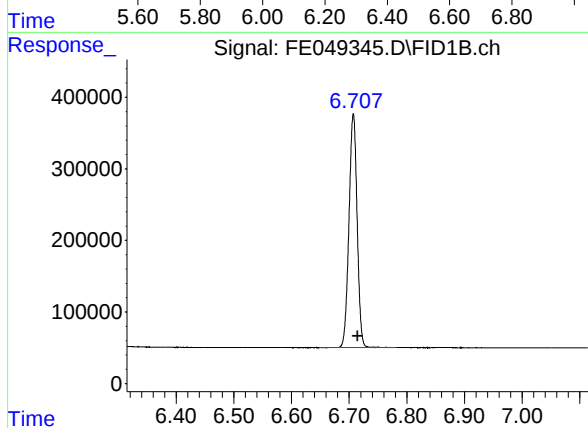
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.010 min
Response: 3217695
Conc: 20.83 ug/ml



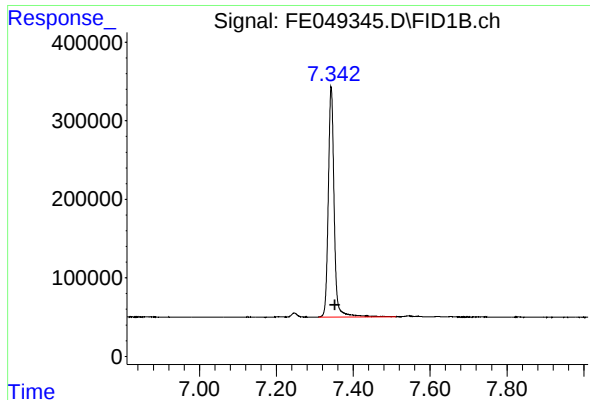
#3 A~Naphthalene (C11.7)

R.T.: 6.247 min
Delta R.T.: -0.010 min
Response: 3304979
Conc: 21.21 ug/ml



#4 n-Dodecane (C12)

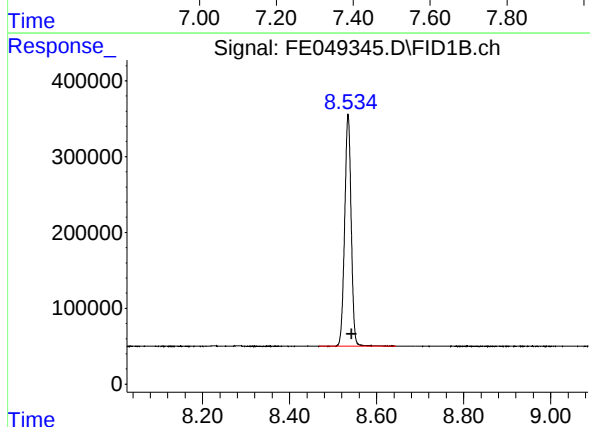
R.T.: 6.707 min
Delta R.T.: -0.008 min
Response: 3204194
Conc: 20.81 ug/ml



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

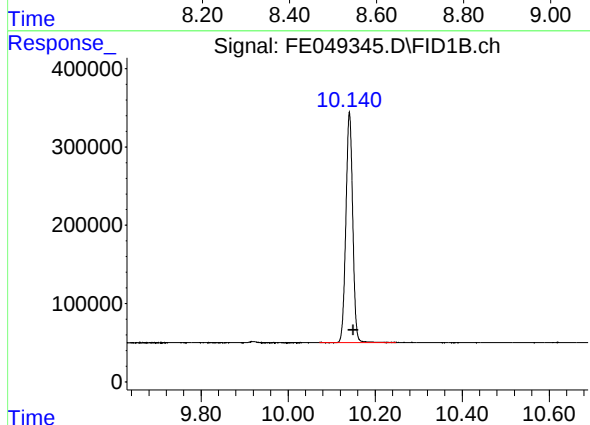
R.T.: 7.343 min
Delta R.T.: -0.010 min
Response: 3095917
Conc: 21.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



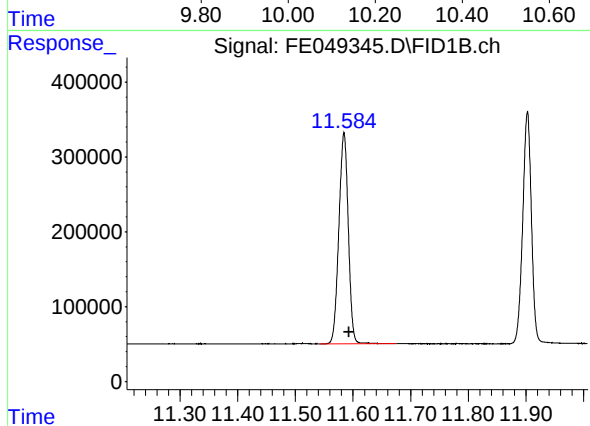
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: -0.009 min
Response: 3169508
Conc: 20.88 ug/ml



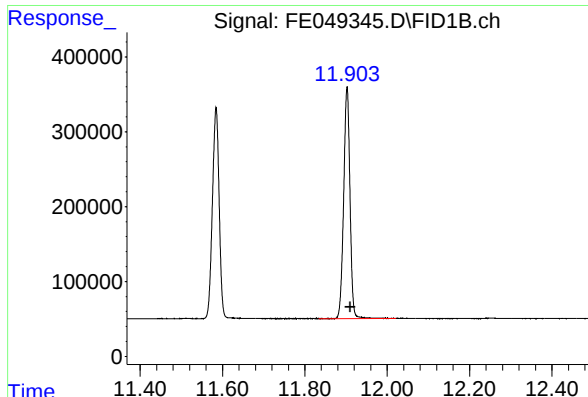
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: -0.009 min
Response: 3195255
Conc: 21.07 ug/ml



#8 n-Octadecane (C18)

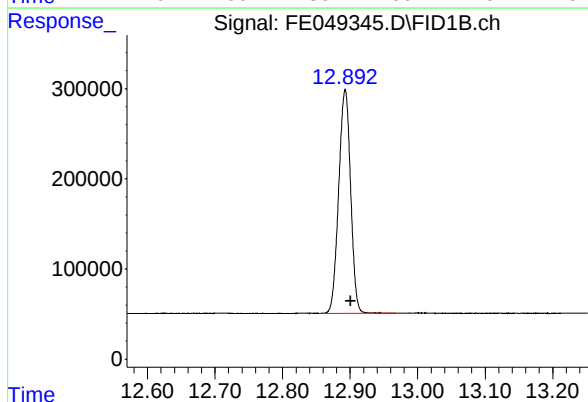
R.T.: 11.584 min
Delta R.T.: -0.009 min
Response: 3193435
Conc: 21.03 ug/ml



#9 ortho-Terphenyl (SURR)

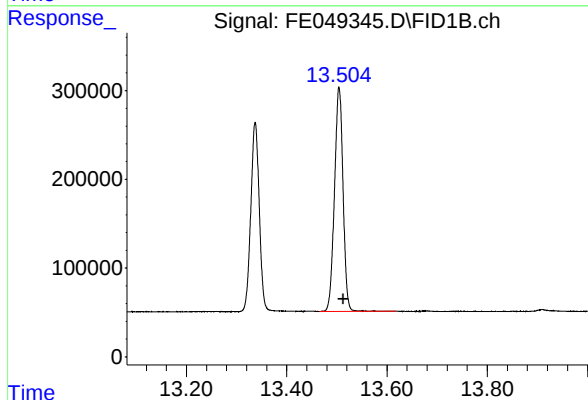
R.T.: 11.902 min
Delta R.T.: -0.008 min
Response: 3272222
Conc: 21.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



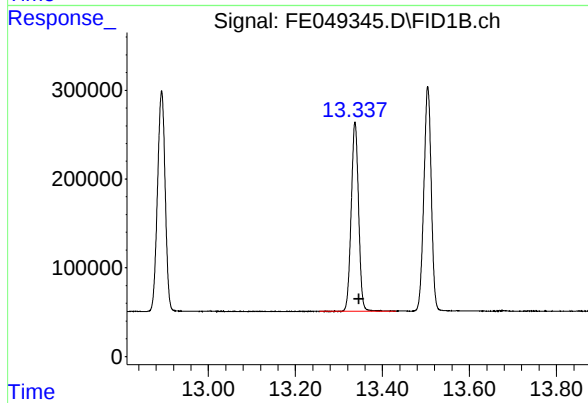
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.008 min
Response: 3044942
Conc: 21.06 ug/ml



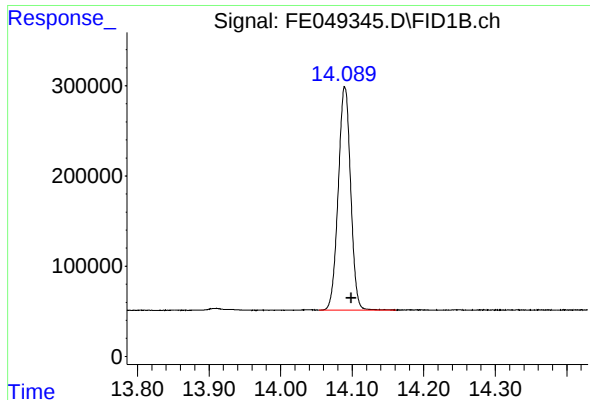
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.009 min
Response: 2992525
Conc: 21.10 ug/ml



#12 1-chlorooctadecane (SURR)

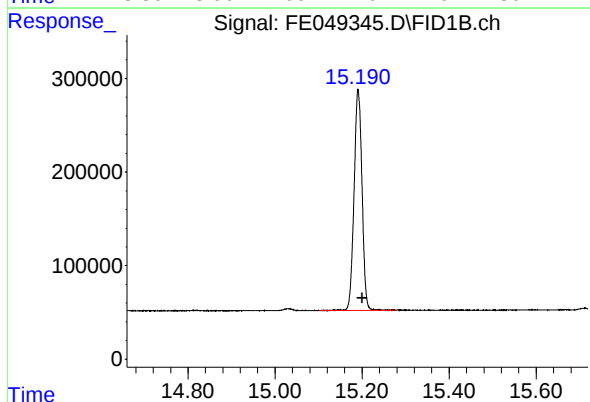
R.T.: 13.337 min
Delta R.T.: -0.009 min
Response: 2504342
Conc: 21.43 ug/ml



#13 n-Docosane (C22)

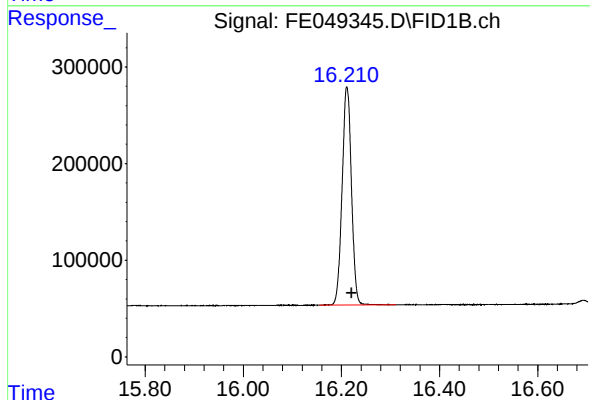
R.T.: 14.090 min
Delta R.T.: -0.009 min
Response: 2975349
Conc: 21.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



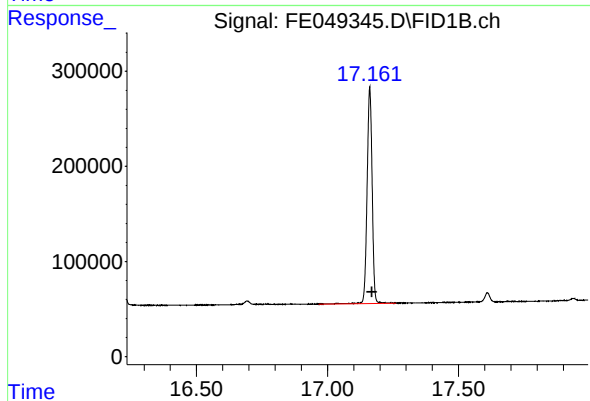
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: -0.009 min
Response: 2998110
Conc: 21.39 ug/ml



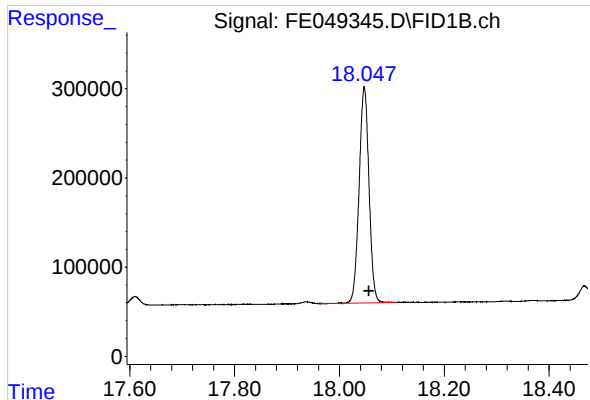
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: -0.010 min
Response: 2985304
Conc: 21.29 ug/ml



#16 n-Octacosane (C28)

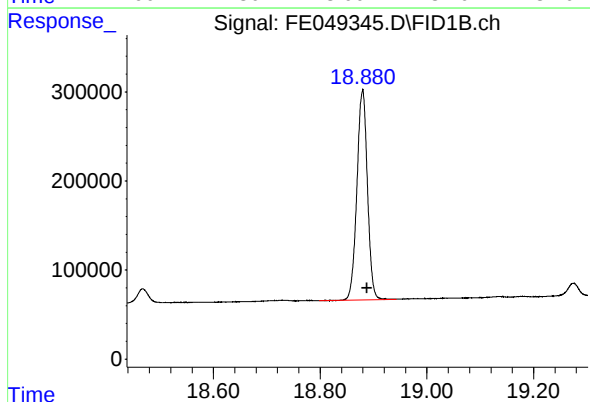
R.T.: 17.161 min
Delta R.T.: -0.009 min
Response: 3030986
Conc: 21.65 ug/ml



#17 n-Tricontane (C30)

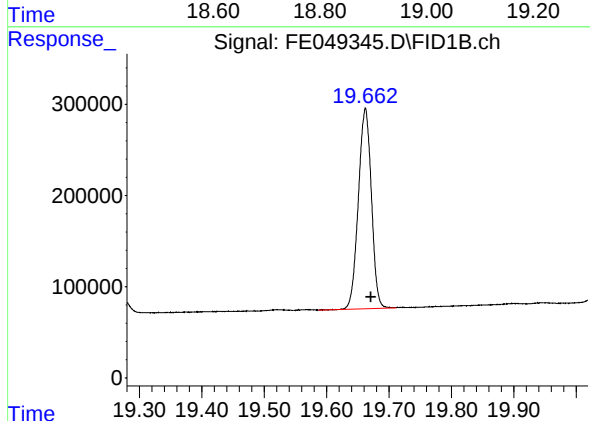
R.T.: 18.047 min
Delta R.T.: -0.009 min
Response: 3165646
Conc: 21.70 ug/ml

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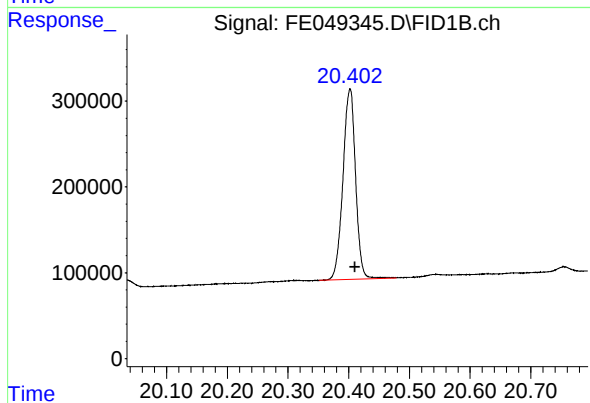
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.009 min
Response: 3227646
Conc: 21.95 ug/ml



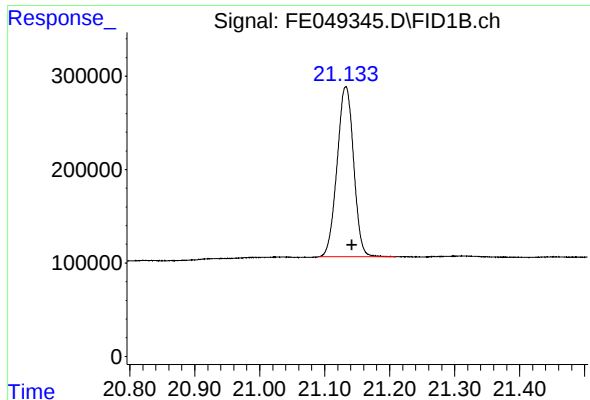
#19 n-Tetratriacontane (C34)

R.T.: 19.662 min
Delta R.T.: -0.009 min
Response: 3185458
Conc: 21.81 ug/ml



#20 n-Hexatriacontane (C36)

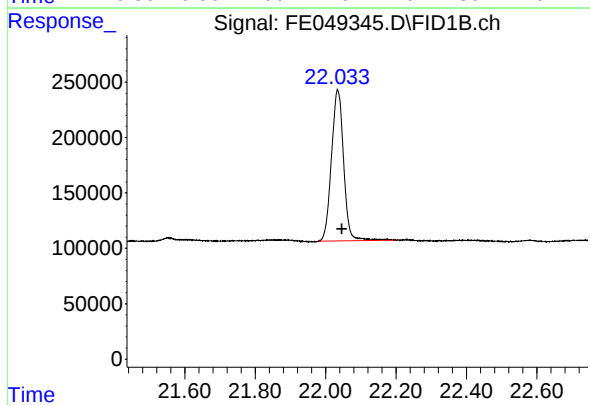
R.T.: 20.402 min
Delta R.T.: -0.009 min
Response: 3223725
Conc: 22.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min
Delta R.T.: -0.009 min
Response: 3223346
Conc: 21.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.034 min
Delta R.T.: -0.012 min
Response: 3266327
Conc: 21.64 ug/ml