

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031325AL\
 Data File : FE052785.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2025 19:00
 Operator : YP\AJ
 Sample : Q1549-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11978MSD

Integration File: autoint1.e
 Quant Time: Mar 14 12:32:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.910	5111111	30.317 ug/ml
Spiked Amount 50.000		Recovery =	60.63%
12) S 1-chlorooctadecane (S...	13.354	3924248	32.318 ug/ml
Spiked Amount 50.000		Recovery =	64.64%
Target Compounds			
1) T n-Nonane (C9)	3.251	4593686	29.627 ug/ml
2) T n-Decane (C10)	4.512	5028565	32.010 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5749929	33.904 ug/ml
4) T n-Dodecane (C12)	6.692	5359765	34.424 ug/ml
5) T A~2-methylnaphthalene...	7.327	5497449	33.923 ug/ml
6) T n-Tetradecane (C14)	8.531	5870740	38.800 ug/ml
7) T n-Hexadecane (C16)	10.144	6146286	40.201 ug/ml
8) T n-Octadecane (C18)	11.594	6212929	40.837 ug/ml
10) T n-Eicosane (C20)	12.910	6284301	43.288 ug/ml
11) T n-Heneicosane (C21)	13.523	6016006	42.268 ug/ml
13) T n-Docosane (C22)	14.112	5966092	41.923 ug/ml
14) T n-Tetracosane (C24)	15.206	12054218	84.231 ug/ml
15) T n-Hexacosane (C26)	16.244	5776203	40.622 ug/ml
16) T n-Octacosane (C28)	17.195	5850712	41.146 ug/ml
17) T n-Tricontane (C30)	18.087	5852367	39.623 ug/ml
18) T n-Dotriacontane (C32)	18.920	5860910	40.370 ug/ml
19) T n-Tetratriacontane (C34)	19.704	5857058	43.457 ug/ml
20) T n-Hexatriacontane (C36)	20.446	5642965	47.490 ug/ml
21) T n-Octatriacontane (C38)	21.190	5683537	51.232 ug/ml
22) T n-Tetracontane (C40)	22.111	5743370	53.122 ug/ml

(f)=RT Delta > 1/2 Window

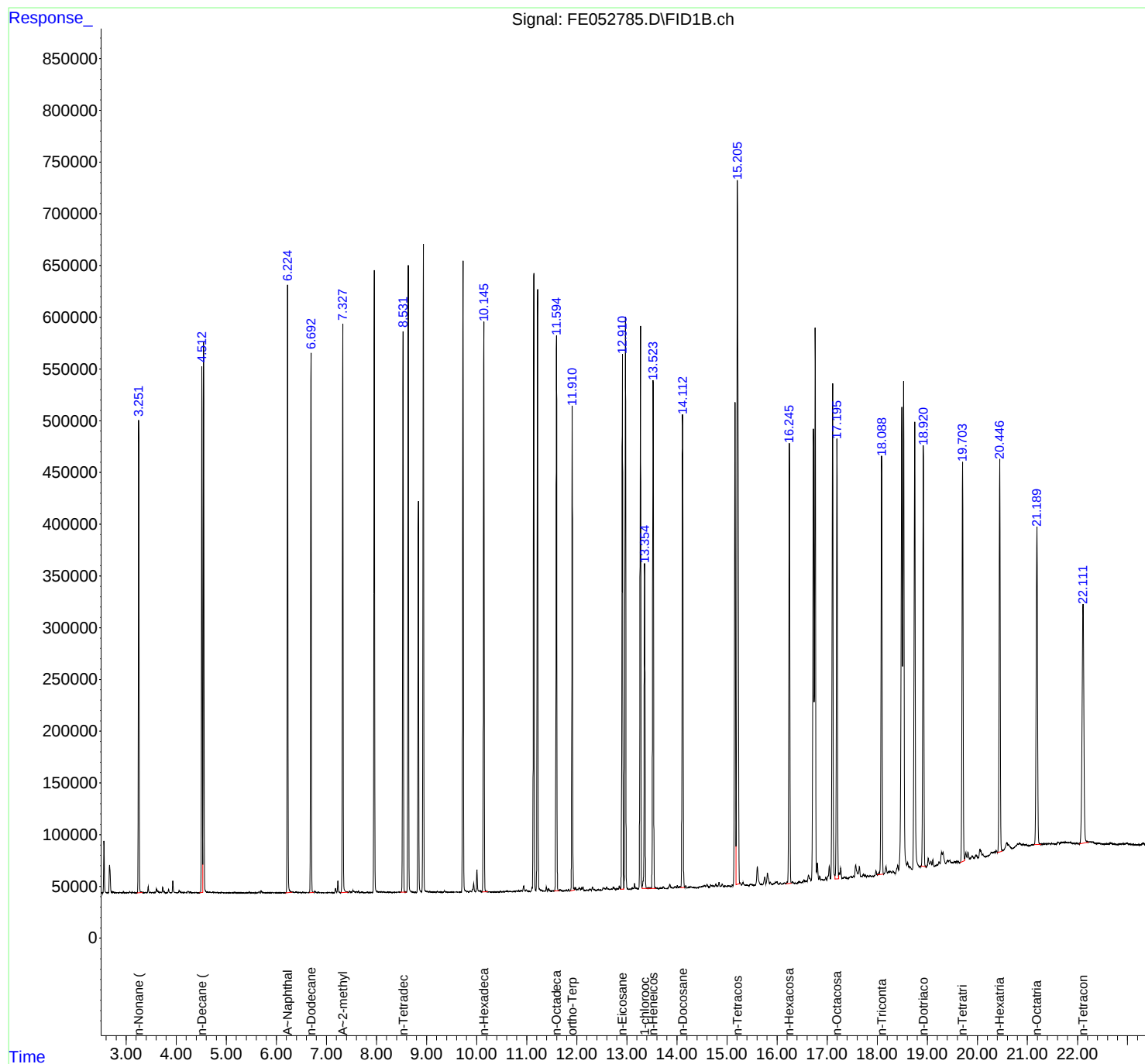
(m)=manual int.

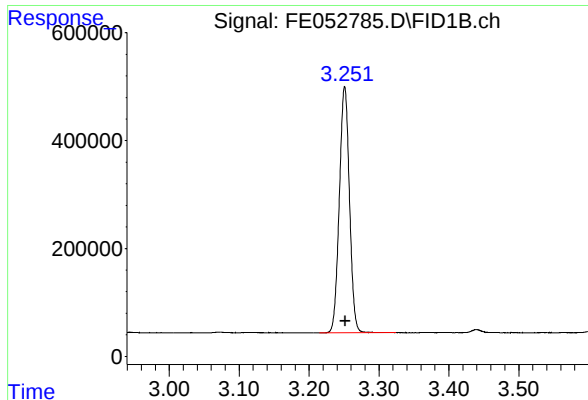
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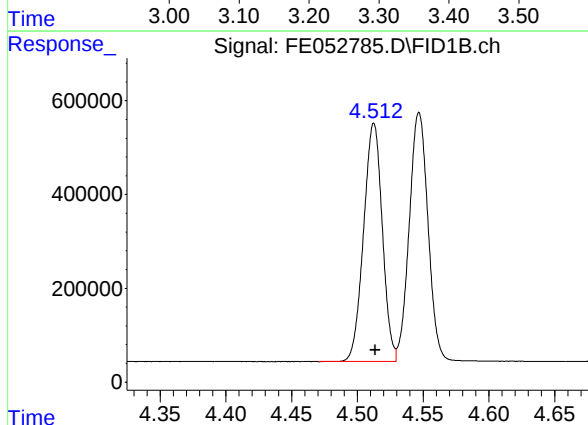




#1 n-Nonane (C9)

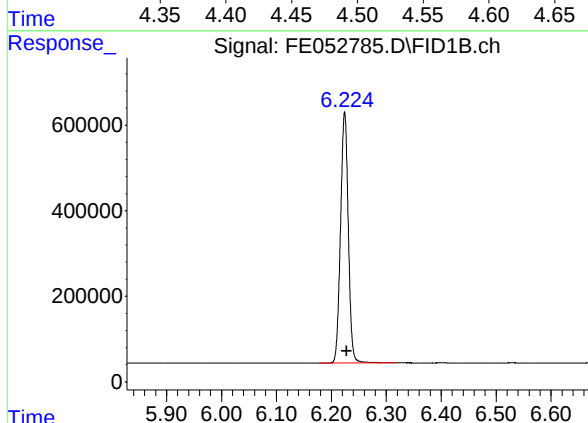
R.T.: 3.251 min
Delta R.T.: -0.001 min
Response: 4593686
Conc: 29.63 ug/ml

Instrument :
FID_E
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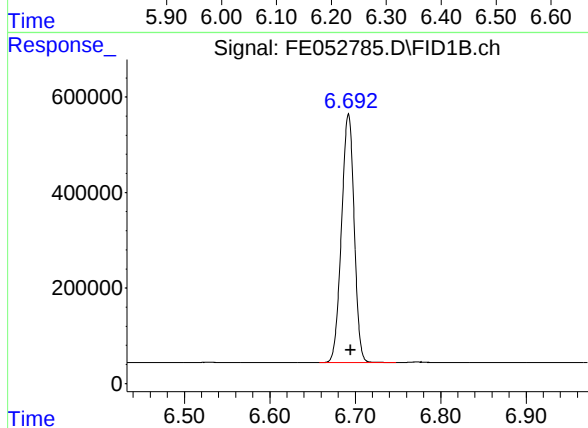
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 5028565
Conc: 32.01 ug/ml



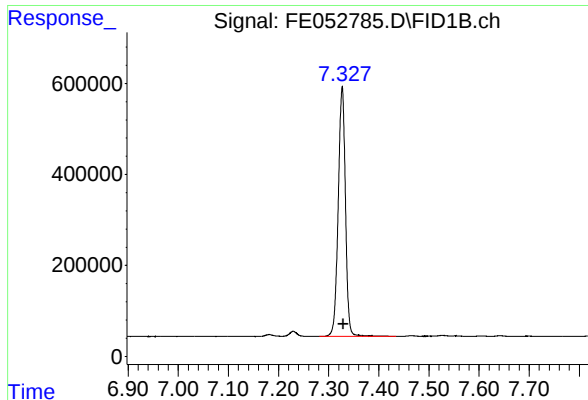
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 5749929
Conc: 33.90 ug/ml



#4 n-Dodecane (C12)

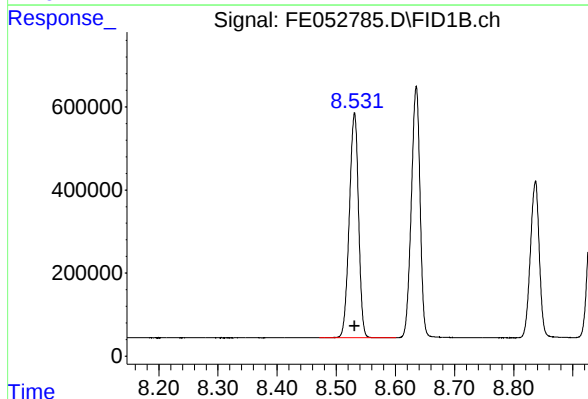
R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 5359765
Conc: 34.42 ug/ml



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

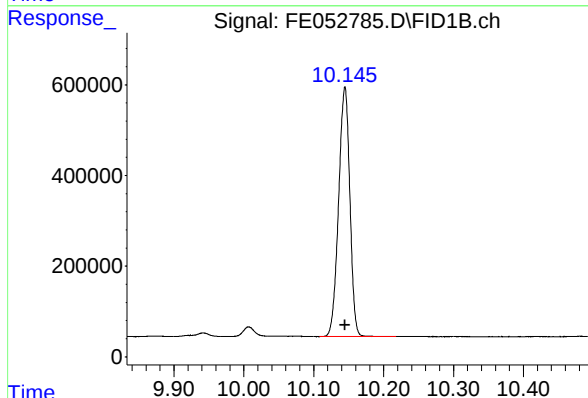
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 5497449
Conc: 33.92 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11978MSD



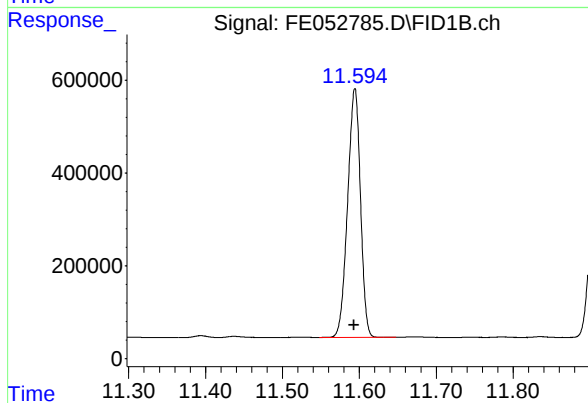
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 5870740
Conc: 38.80 ug/ml



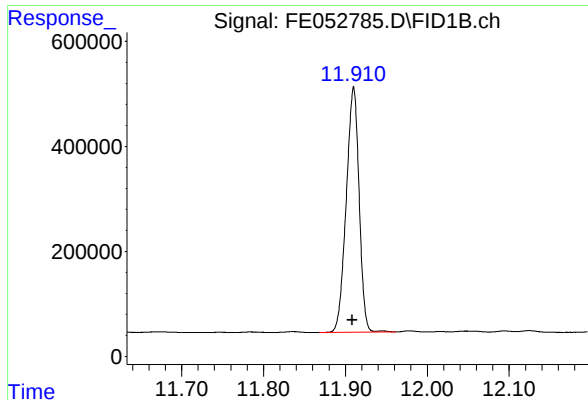
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: 0.000 min
Response: 6146286
Conc: 40.20 ug/ml



#8 n-Octadecane (C18)

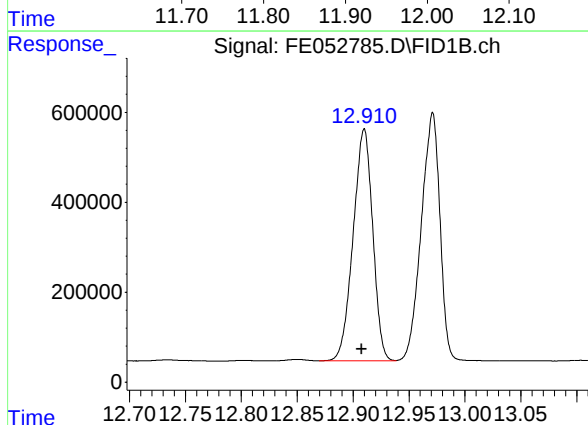
R.T.: 11.594 min
Delta R.T.: 0.000 min
Response: 6212929
Conc: 40.84 ug/ml



#9 ortho-Terphenyl (SURR)

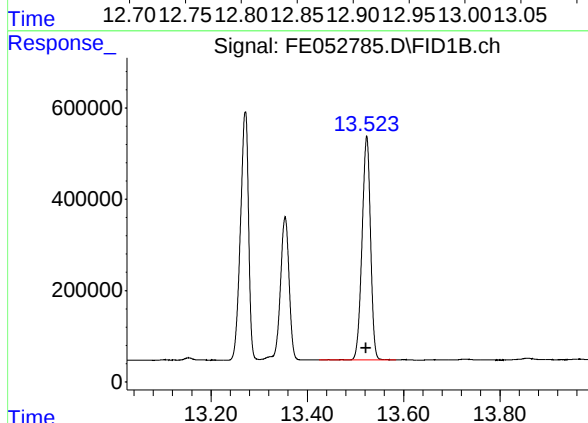
R.T.: 11.910 min
Delta R.T.: 0.001 min
Response: 5111111
Conc: 30.32 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11978MSD



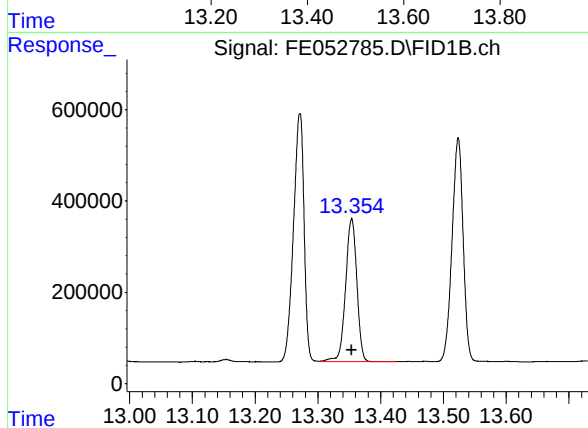
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 6284301
Conc: 43.29 ug/ml



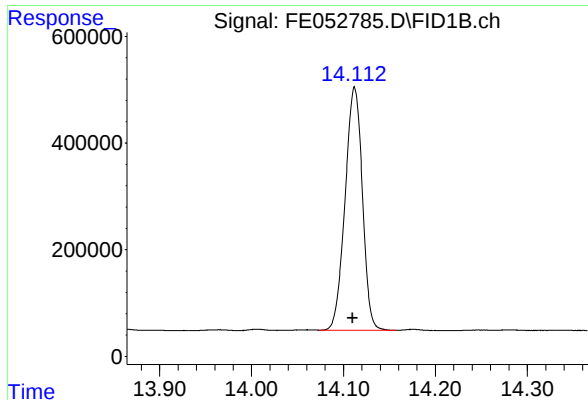
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.001 min
Response: 6016006
Conc: 42.27 ug/ml



#12 1-chlorooctadecane (SURR)

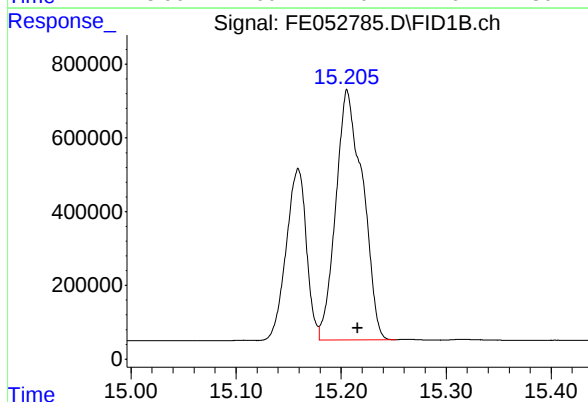
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 3924248
Conc: 32.32 ug/ml



#13 n-Docosane (C22)

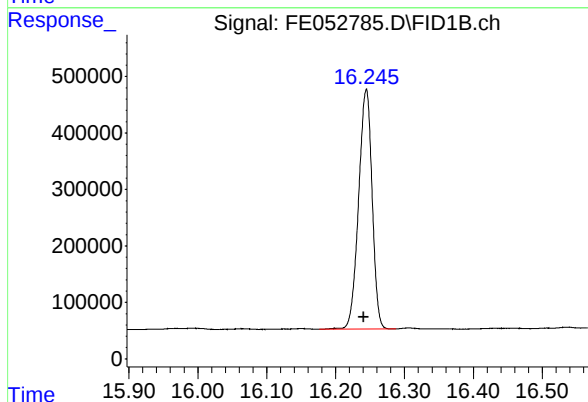
R.T.: 14.112 min
Delta R.T.: 0.002 min
Response: 5966092
Conc: 41.92 ug/ml

Instrument :
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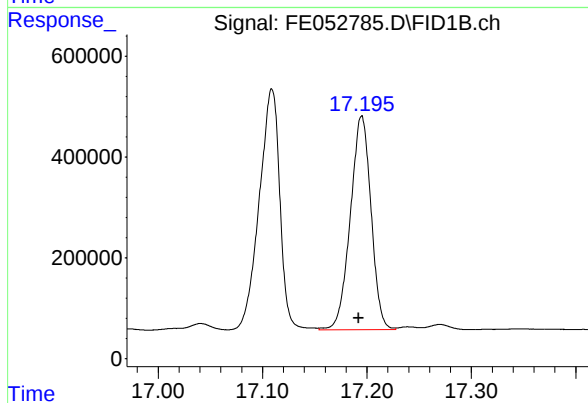
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.010 min
Response: 12054218
Conc: 84.23 ug/ml



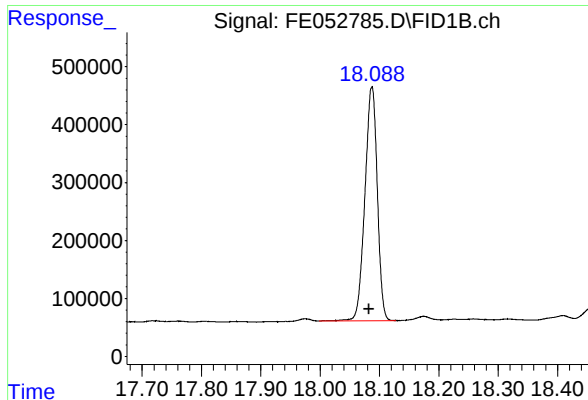
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.004 min
Response: 5776203
Conc: 40.62 ug/ml



#16 n-Octacosane (C28)

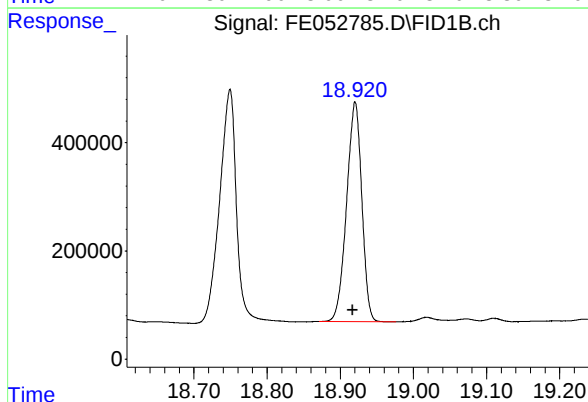
R.T.: 17.195 min
Delta R.T.: 0.003 min
Response: 5850712
Conc: 41.15 ug/ml



#17 n-Tricontane (C30)

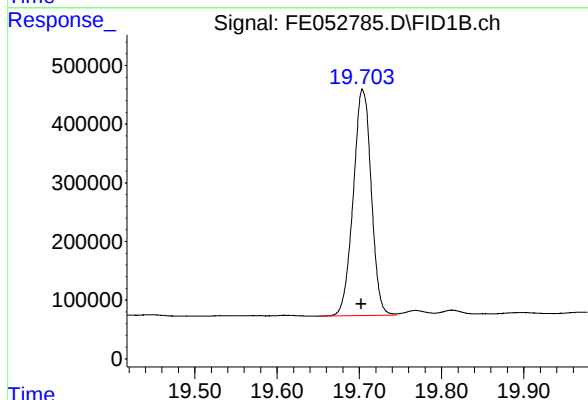
R.T.: 18.087 min
Delta R.T.: 0.004 min
Response: 5852367
Conc: 39.62 ug/ml

Instrument :
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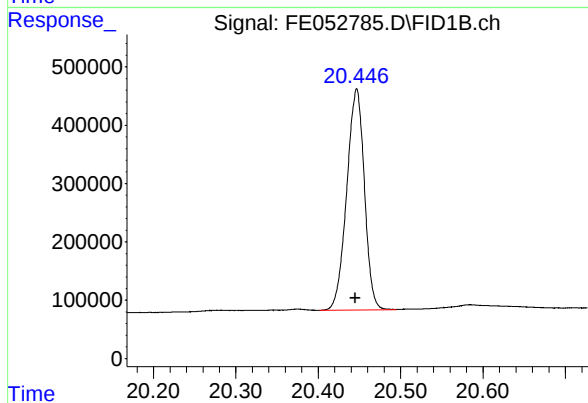
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.003 min
Response: 5860910
Conc: 40.37 ug/ml



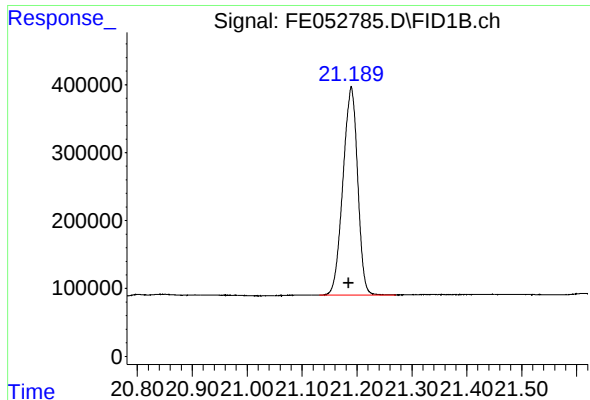
#19 n-Tetatriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.002 min
Response: 5857058
Conc: 43.46 ug/ml



#20 n-Hexatriacontane (C36)

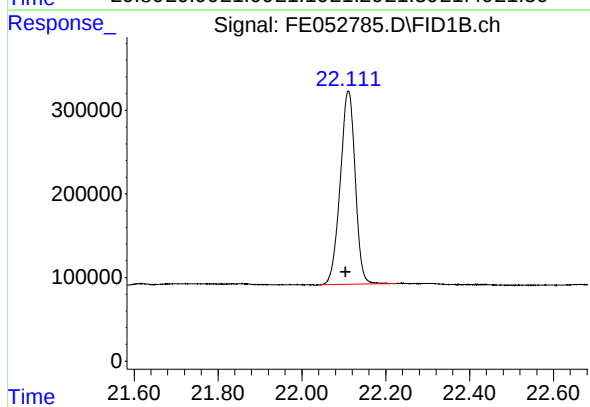
R.T.: 20.446 min
Delta R.T.: 0.002 min
Response: 5642965
Conc: 47.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: 0.005 min
Response: 5683537
Conc: 51.23 ug/ml

Instrument :
FID_E
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72-11978MSD



#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: 0.006 min
Response: 5743370
Conc: 53.12 ug/ml