

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056578.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 11:51
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 12:21:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:21:37 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)	11.979	2175105	10.592 ug/ml
Spiked Amount 50.000		Recovery =	21.18%
12) S 1-chlorooctadecane (S...	13.417	1673178	10.542 ug/ml
Spiked Amount 50.000		Recovery =	21.08%
Target Compounds			
1) T n-Nonane (C9)	3.332	1739861	10.541 ug/ml
2) T n-Decane (C10)	4.584	1778707	10.549 ug/ml
3) T A~Naphthalene (C11.7)	6.302	1900301	10.376 ug/ml
4) T n-Dodecane (C12)	6.757	1805400	10.532 ug/ml
5) T A~2-methylnaphthalene...	7.401	1809756	10.235 ug/ml
6) T n-Tetradecane (C14)	8.592	1806960	10.512 ug/ml
7) T n-Hexadecane (C16)	10.206	1900814	10.530 ug/ml
8) T n-Octadecane (C18)	11.654	1972225	10.589 ug/ml
10) T n-Eicosane (C20)	12.969	1949024	10.689 ug/ml
11) T n-Heneicosane (C21)	13.583	1922827	10.673 ug/ml
13) T n-Docosane (C22)	14.171	1965821	10.824 ug/ml
14) T n-Tetracosane (C24)	15.278	2071768	11.167 ug/ml
15) T n-Hexacosane (C26)	16.302	2057752	11.236 ug/ml
16) T n-Octacosane (C28)	17.255	2055084	11.402 ug/ml
17) T n-Tricontane (C30)	18.145	2121276	11.564 ug/ml
18) T n-Dotriacontane (C32)	18.980	2084284	11.769 ug/ml
19) T n-Tetratriacontane (C34)	19.764	1830892	11.592 ug/ml
20) T n-Hexatriacontane (C36)	20.507	1529216	11.338 ug/ml
21) T n-Octatriacontane (C38)	21.262	1330818	11.096 ug/ml
22) T n-Tetracontane (C40)	22.208	1245352	11.147 ug/ml

(f)=RT Delta > 1/2 Window

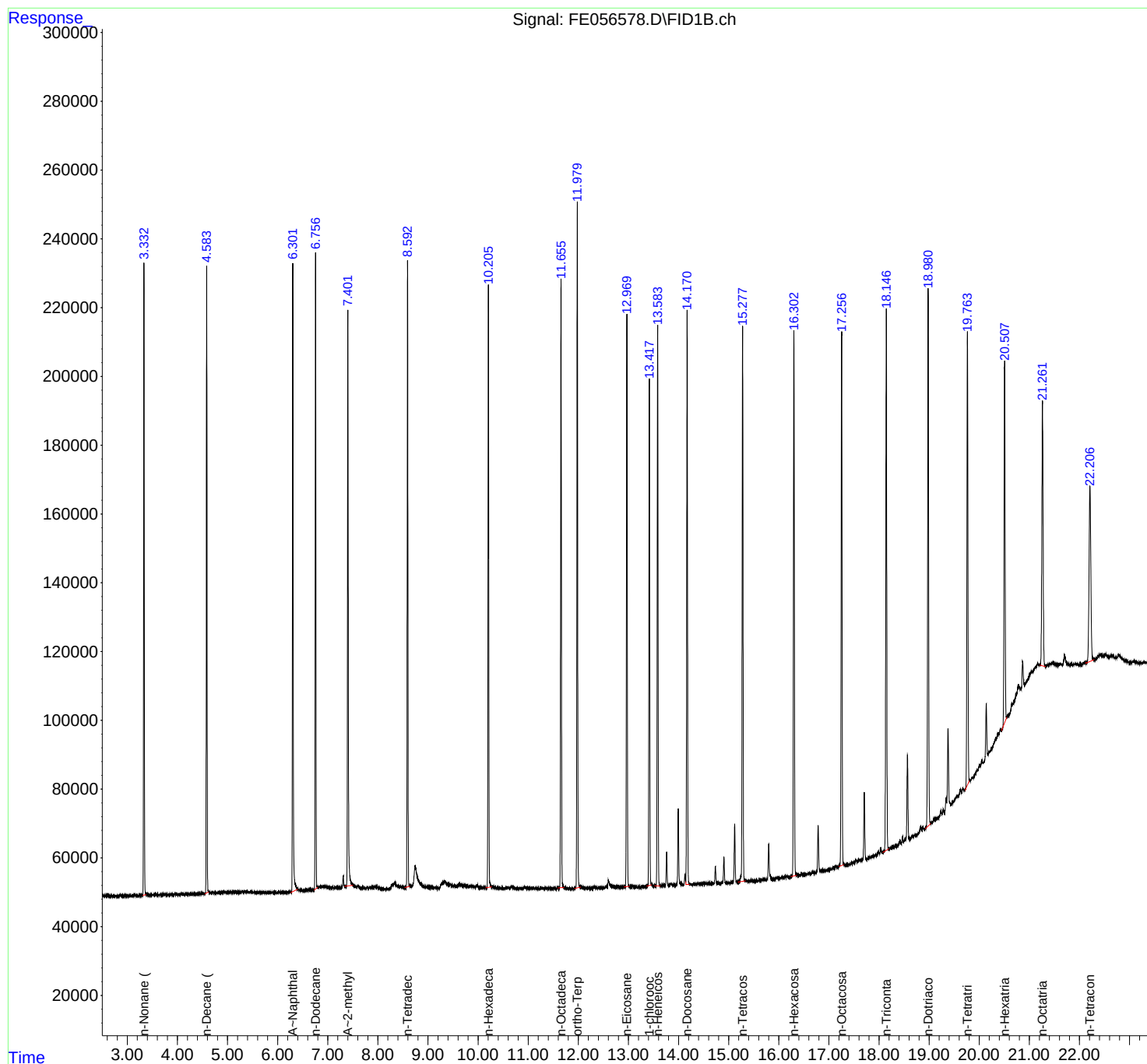
(m)=manual int.

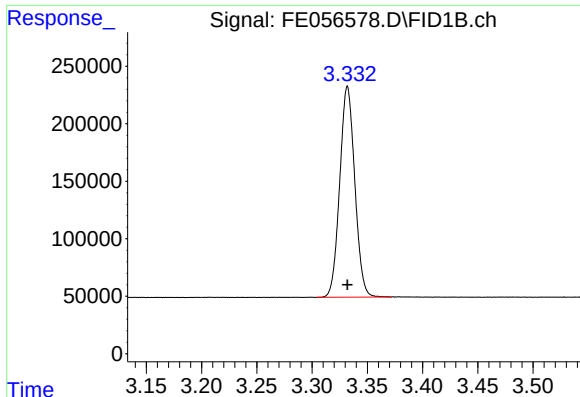
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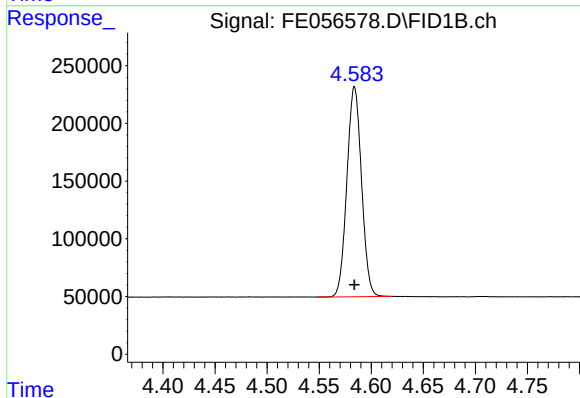




#1 n-Nonane (C9)

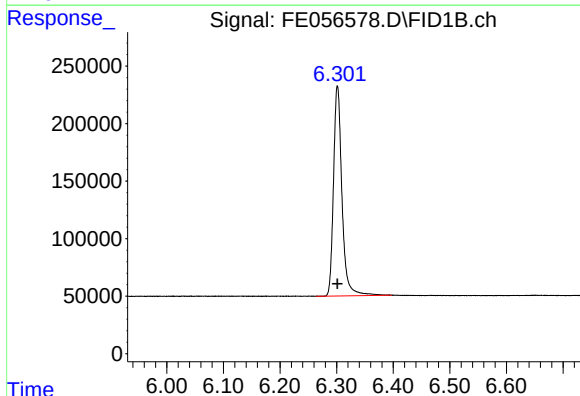
R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 1739861
Conc: 10.54 ug/ml

Instrument :
FID_E
ClientSampleId :



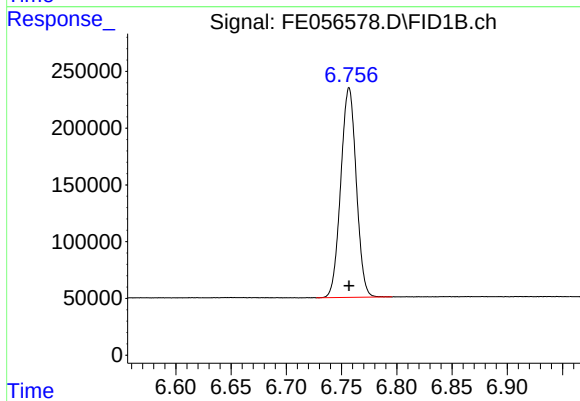
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 1778707
Conc: 10.55 ug/ml



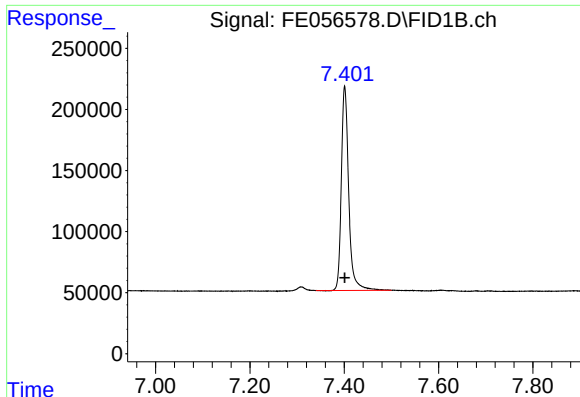
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 1900301
Conc: 10.38 ug/ml



#4 n-Dodecane (C12)

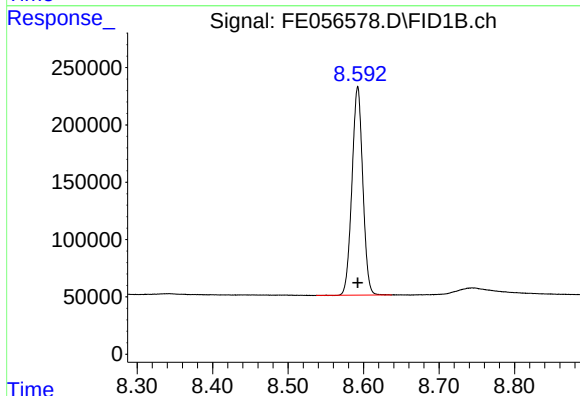
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 1805400
Conc: 10.53 ug/ml



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

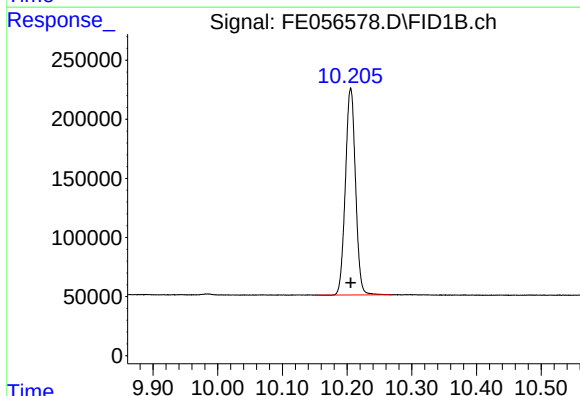
R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 1809756
Conc: 10.24 ug/ml

Instrument :
FID_E
ClientSampleId :



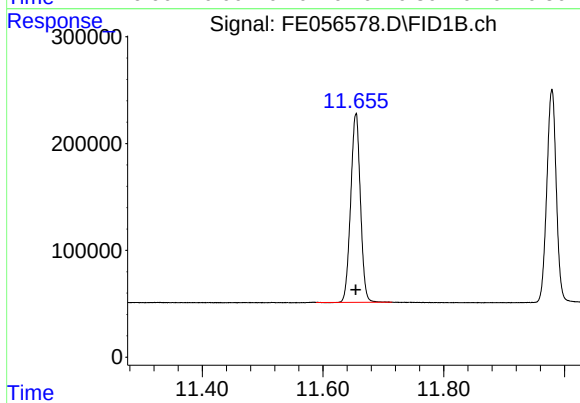
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 1806960
Conc: 10.51 ug/ml



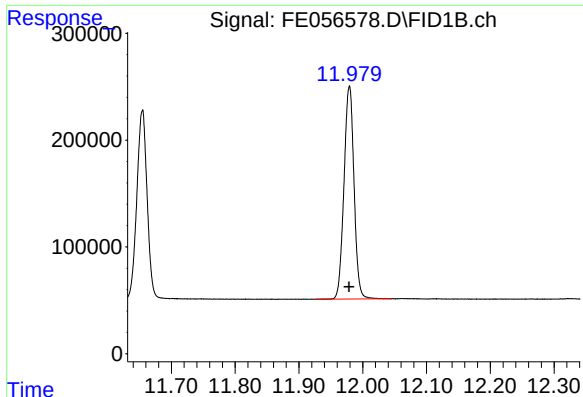
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: 0.000 min
Response: 1900814
Conc: 10.53 ug/ml



#8 n-Octadecane (C18)

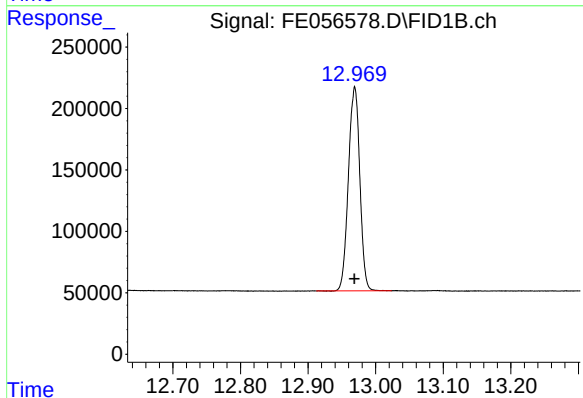
R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 1972225
Conc: 10.59 ug/ml



#9 ortho-Terphenyl (SURR)

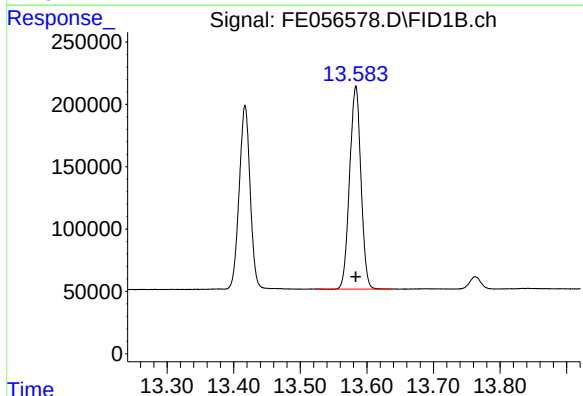
R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 2175105
Conc: 10.59 ug/ml

Instrument :
FID_E
ClientSampleId :



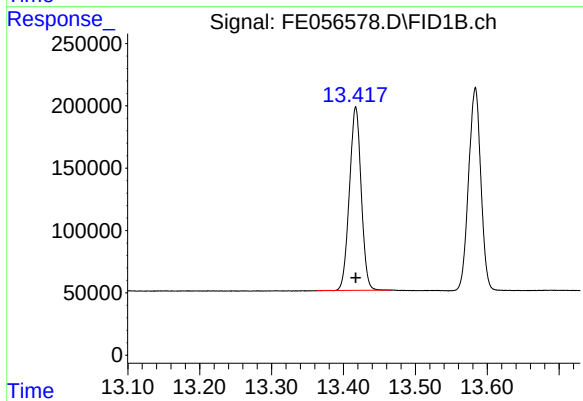
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 1949024
Conc: 10.69 ug/ml



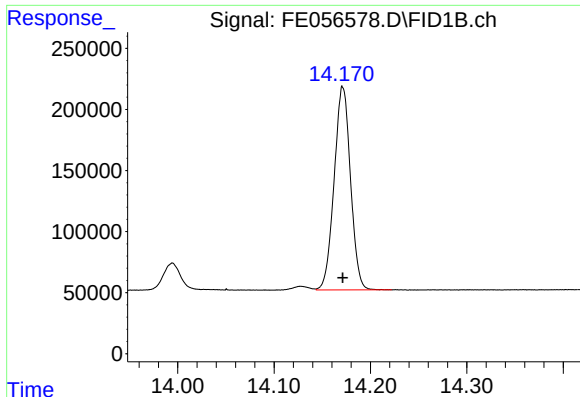
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.000 min
Response: 1922827
Conc: 10.67 ug/ml



#12 1-chlorooctadecane (SURR)

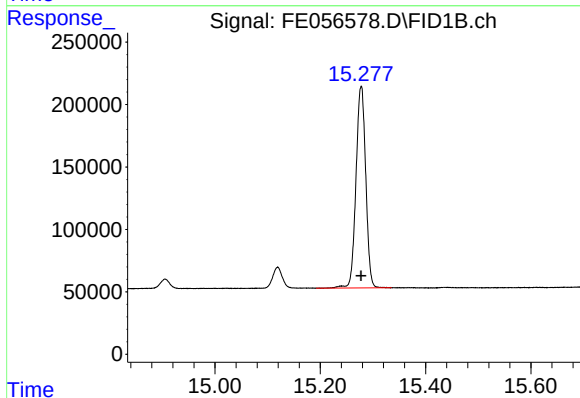
R.T.: 13.417 min
Delta R.T.: 0.000 min
Response: 1673178
Conc: 10.54 ug/ml



#13 n-Docosane (C22)

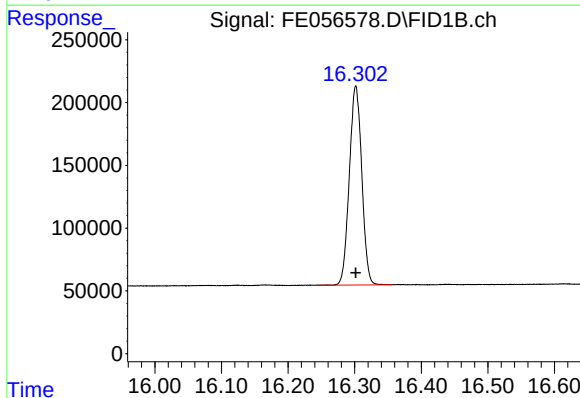
R.T.: 14.171 min
Delta R.T.: 0.000 min
Response: 1965821
Conc: 10.82 ug/ml

Instrument :
FID_E
ClientSampleId :



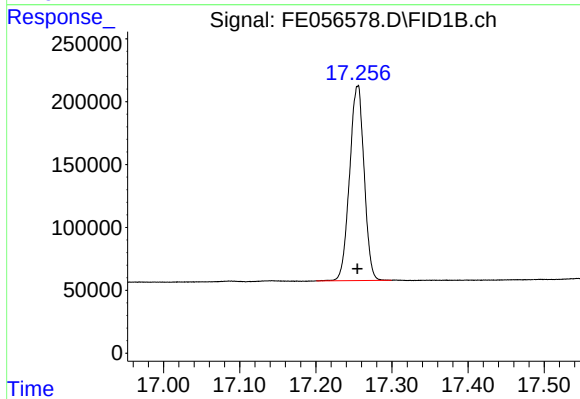
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.000 min
Response: 2071768
Conc: 11.17 ug/ml



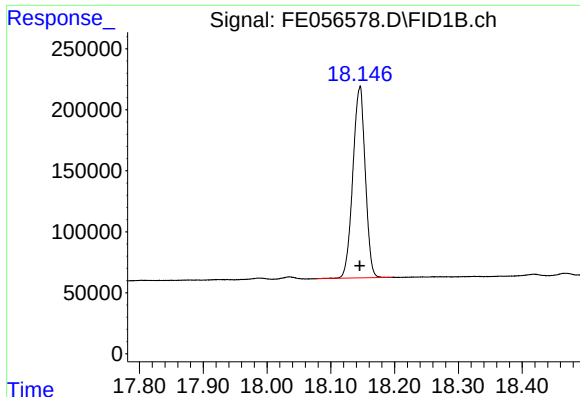
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.000 min
Response: 2057752
Conc: 11.24 ug/ml



#16 n-Octacosane (C28)

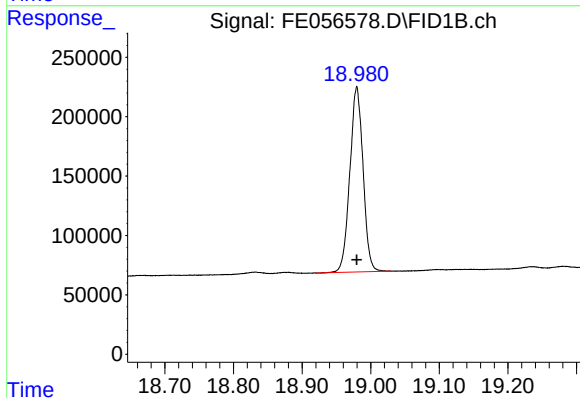
R.T.: 17.255 min
Delta R.T.: 0.000 min
Response: 2055084
Conc: 11.40 ug/ml



#17 n-Tricontane (C30)

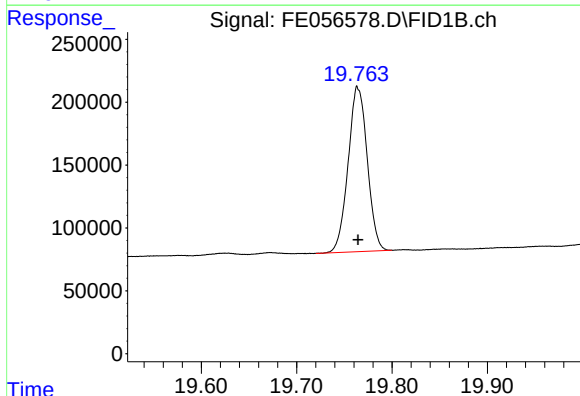
R.T.: 18.145 min
Delta R.T.: 0.000 min
Response: 2121276
Conc: 11.56 ug/ml

Instrument :
FID_E
ClientSampleId :



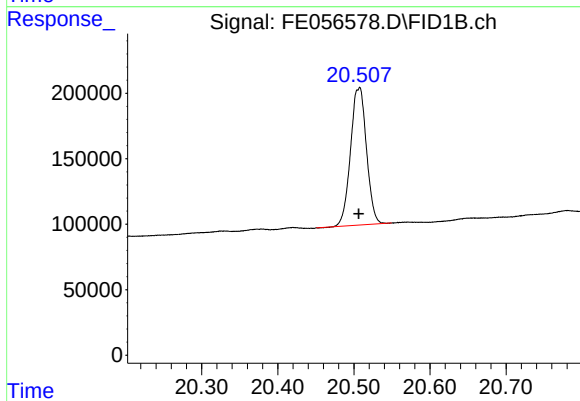
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.000 min
Response: 2084284
Conc: 11.77 ug/ml



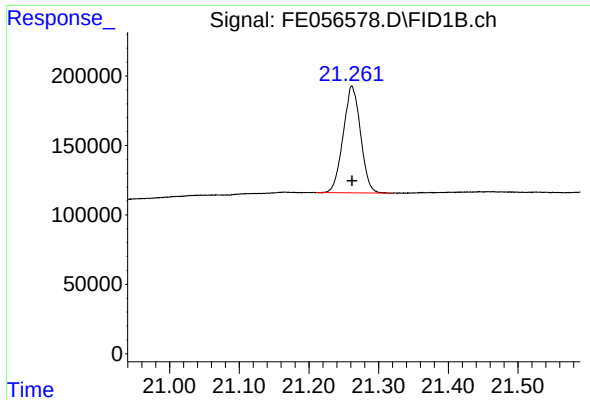
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 1830892
Conc: 11.59 ug/ml



#20 n-Hexatriacontane (C36)

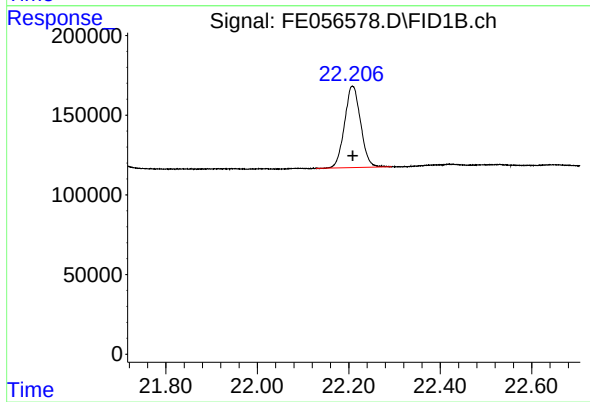
R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 1529216
Conc: 11.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 1330818
Conc: 11.10 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.208 min
Delta R.T.: 0.000 min
Response: 1245352
Conc: 11.15 ug/ml