

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AL\
 Data File : FG015297.D
 Signal(s) : FID1A.ch
 Acq On : 04 Feb 2025 12:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 06 00:49:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 00:48:11 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)	11.942	2905171	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.388	2268545	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.279	2435964	20.000 ug/ml
2) T n-Decane (C10)	4.540	2485177	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.254	2760732	20.000 ug/ml
4) T n-Dodecane (C12)	6.722	2522108	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.356	2688455	20.000 ug/ml
6) T n-Tetradecane (C14)	8.559	2532545	20.000 ug/ml
7) T n-Hexadecane (C16)	10.175	2662096	20.000 ug/ml
8) T n-Octadecane (C18)	11.625	2723234	20.000 ug/ml
10) T n-Eicosane (C20)	12.941	2636262	20.000 ug/ml
11) T n-Heneicosane (C21)	13.556	2596098	20.000 ug/ml
13) T n-Docosane (C22)	14.144	2577331	20.000 ug/ml
14) T n-Tetracosane (C24)	15.253	2557476	20.000 ug/ml
15) T n-Hexacosane (C26)	16.278	2489826	20.000 ug/ml
16) T n-Octacosane (C28)	17.231	2416773	20.000 ug/ml
17) T n-Tricontane (C30)	18.122	2431645	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.957	2327064	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.742	2064253	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.485	1826814	20.014 ug/ml
21) T n-Octatriacontane (C38)	21.235	1775618	20.000 ug/ml
22) T n-Tetracontane (C40)	22.176	1804543	20.000 ug/ml

(f)=RT Delta > 1/2 Window

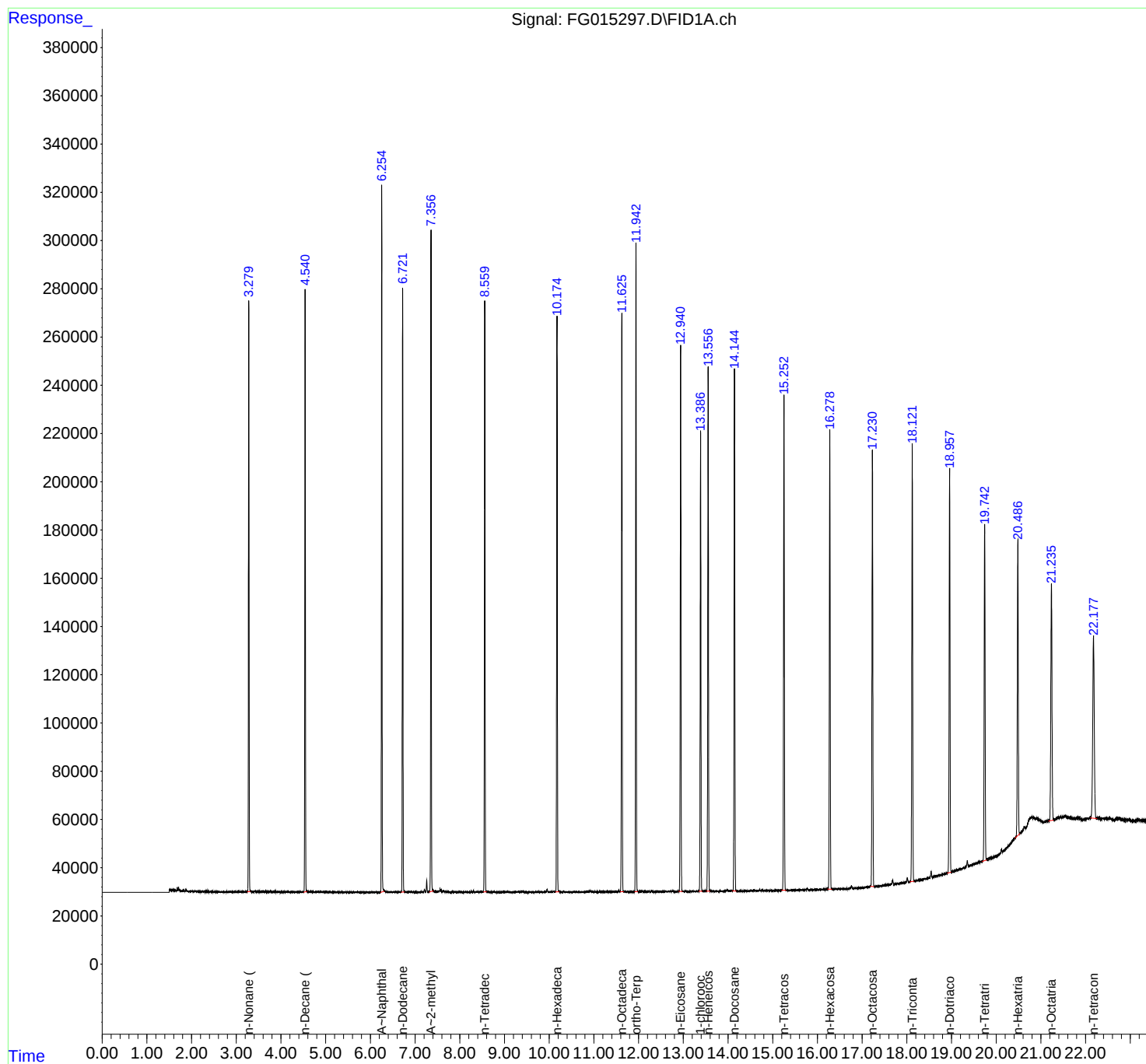
(m)=manual int.

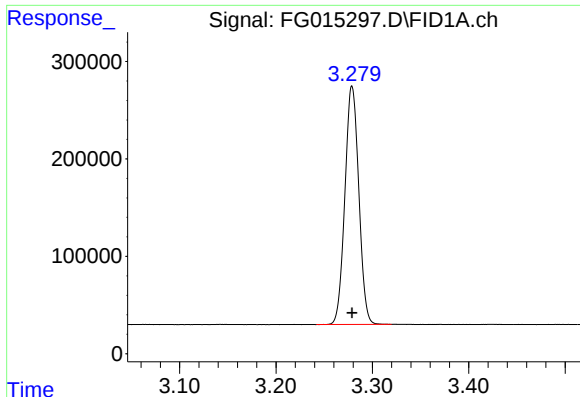
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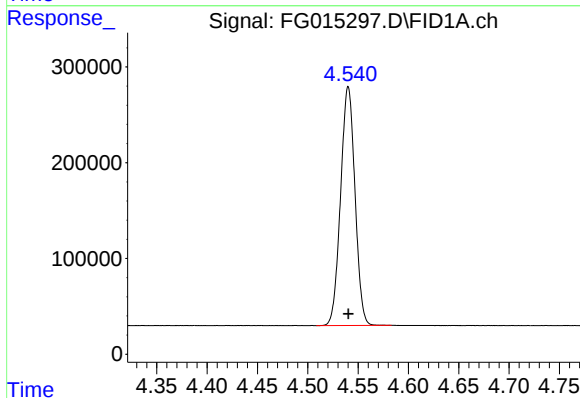




#1 n-Nonane (C9)

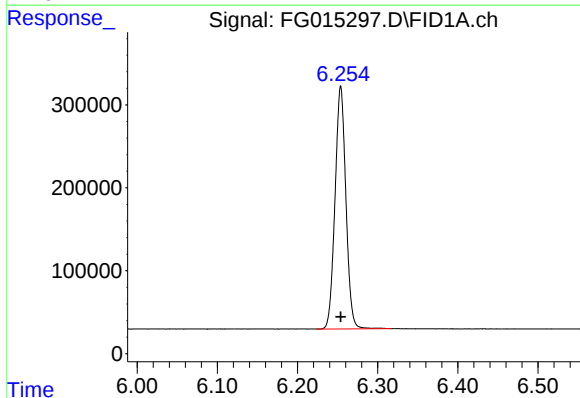
R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 2435964
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



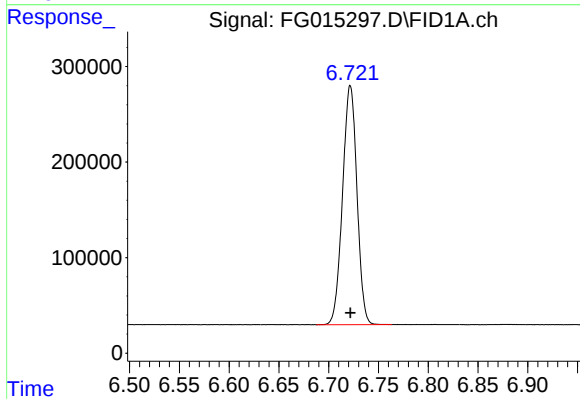
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 2485177
Conc: 20.00 ug/ml



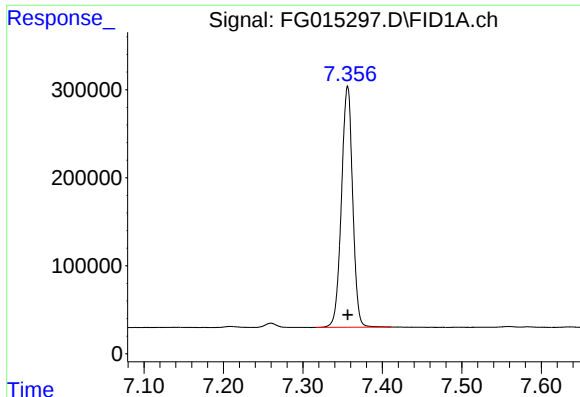
#3 A~Naphthalene (C11.7)

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 2760732
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

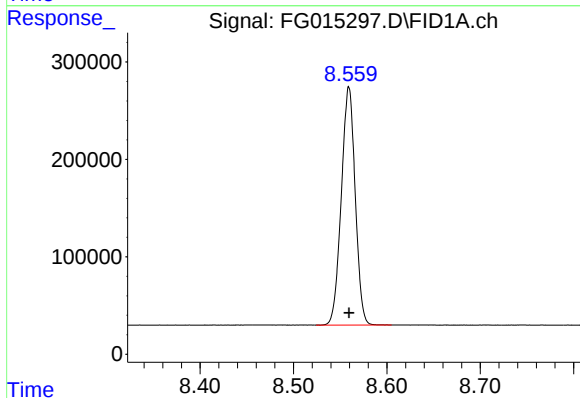
R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 2522108
Conc: 20.00 ug/ml



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

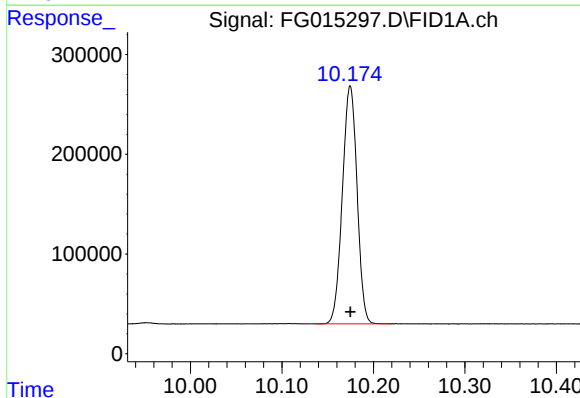
R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 2688455
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



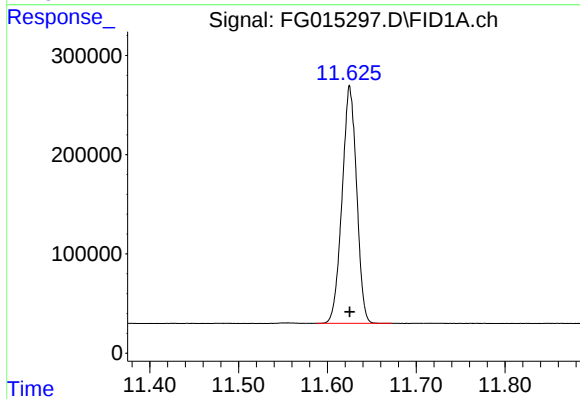
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 2532545
Conc: 20.00 ug/ml



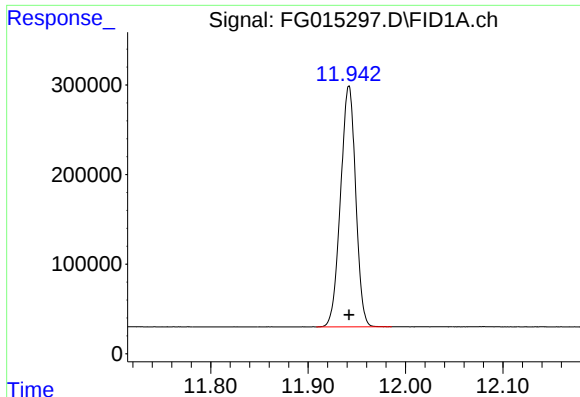
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.000 min
Response: 2662096
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

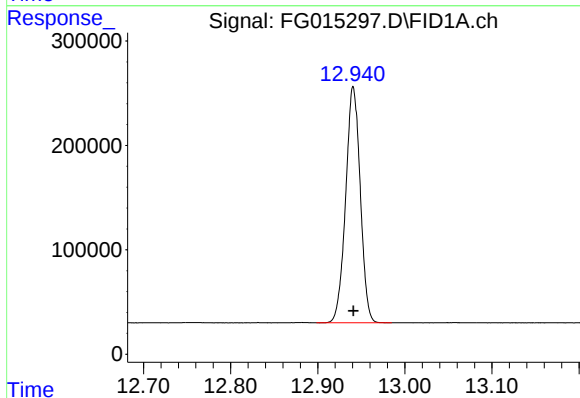
R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 2723234
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

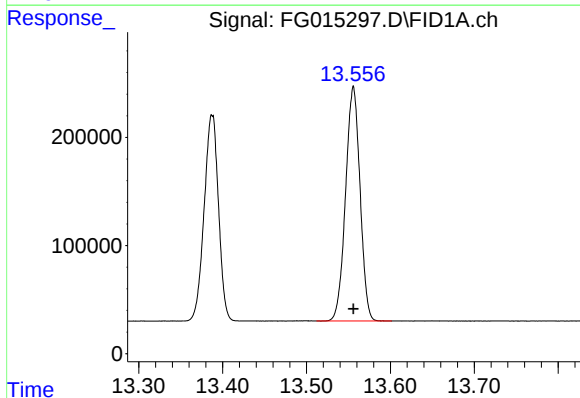
R.T.: 11.942 min
Delta R.T.: 0.000 min
Response: 2905171
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



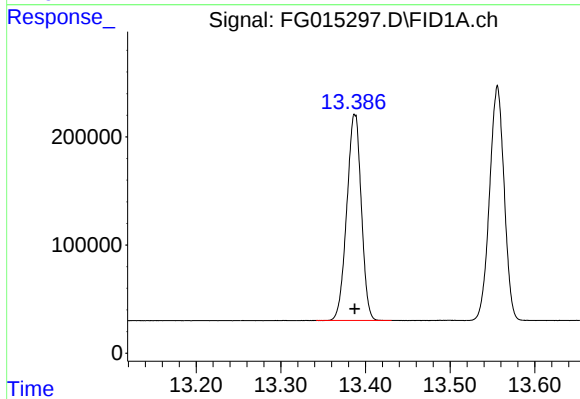
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: 0.000 min
Response: 2636262
Conc: 20.00 ug/ml



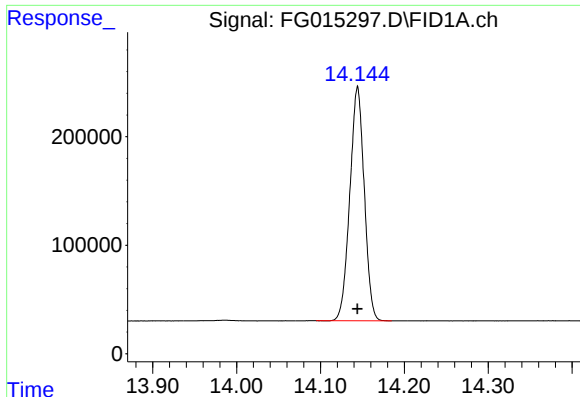
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.000 min
Response: 2596098
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

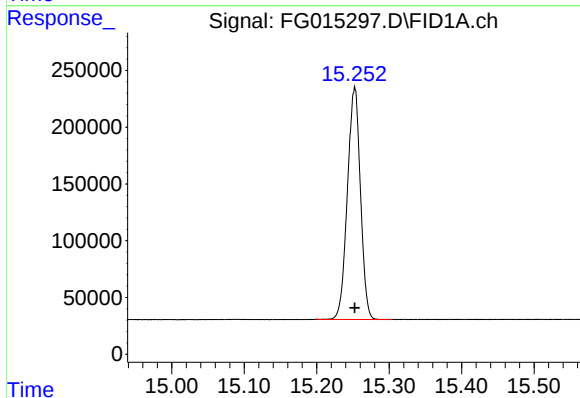
R.T.: 13.388 min
Delta R.T.: 0.000 min
Response: 2268545
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

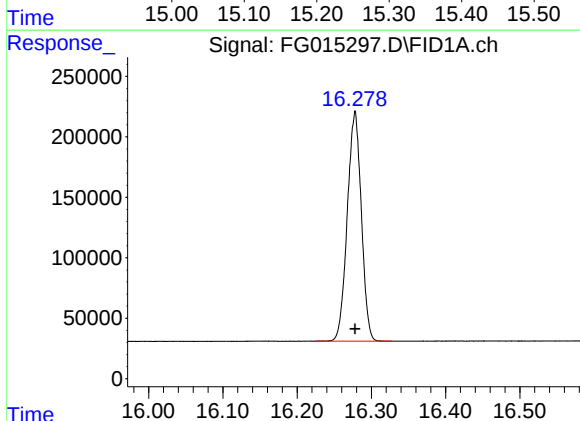
R.T.: 14.144 min
Delta R.T.: 0.000 min
Response: 2577331
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



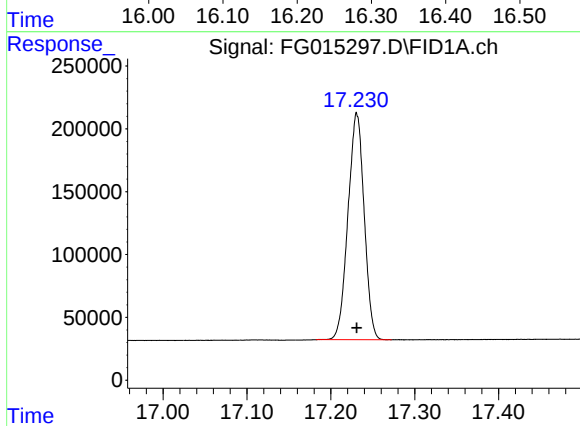
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: 0.000 min
Response: 2557476
Conc: 20.00 ug/ml



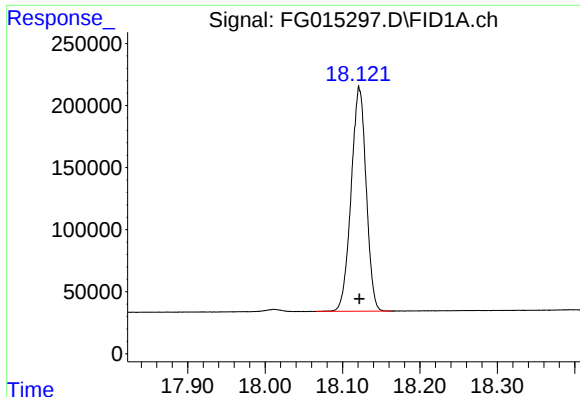
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 2489826
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

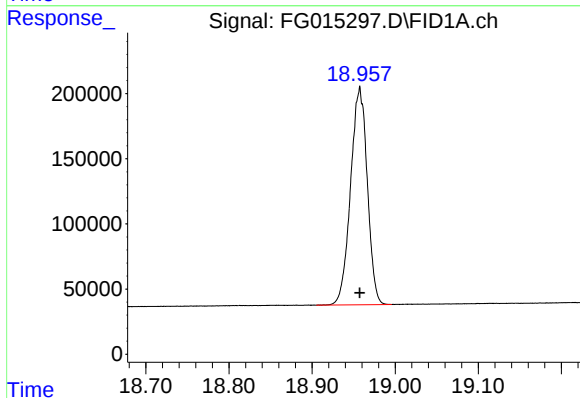
R.T.: 17.231 min
Delta R.T.: 0.000 min
Response: 2416773
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

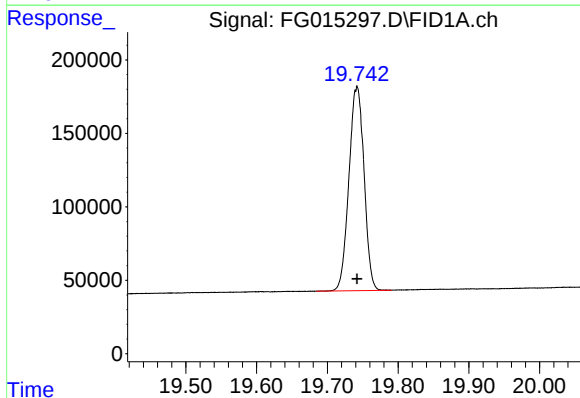
R.T.: 18.122 min
Delta R.T.: 0.000 min
Response: 2431645
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



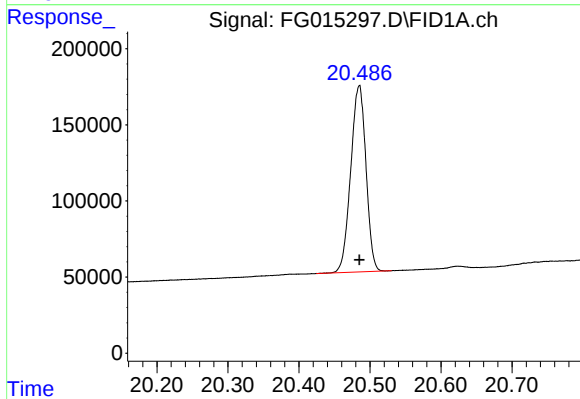
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.000 min
Response: 2327064
Conc: 20.00 ug/ml



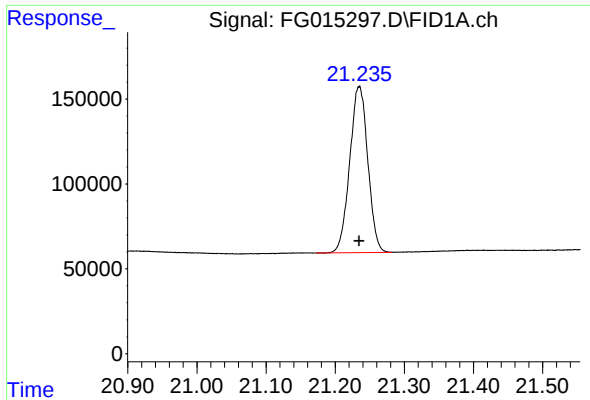
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.000 min
Response: 2064253
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

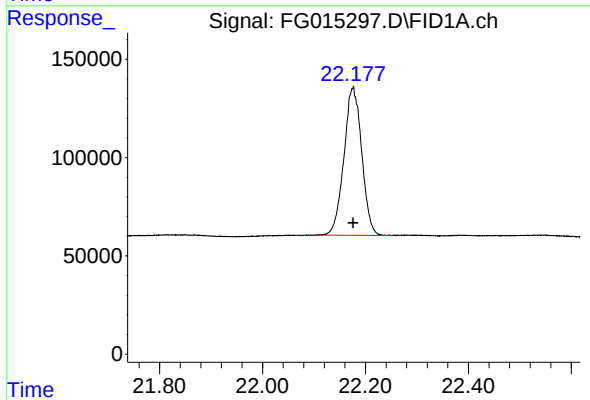
R.T.: 20.485 min
Delta R.T.: 0.000 min
Response: 1826814
Conc: 20.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.235 min
Delta R.T.: 0.000 min
Response: 1775618
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.176 min
Delta R.T.: 0.000 min
Response: 1804543
Conc: 20.00 ug/ml