

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121422AL\
 Data File : FE039300.D
 Signal(s) : FID1B.ch
 Acq On : 14 Dec 2022 12:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 14 16:41:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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	3151546	20.146 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	13.377	2429481	20.122 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	3.334	2689368	18.973 ug/ml
2) T n-Decane (C10)	4.584	2642767	18.961 ug/ml
3) T A~Naphthalene (C11.7)	6.287	3036157	19.089 ug/ml
4) T n-Dodecane (C12)	6.747	2696201	19.128 ug/ml
5) T A~2-methylnaphthalene...	7.382	2866706	19.154 ug/ml
6) T n-Tetradecane (C14)	8.573	2760014	19.325 ug/ml
7) T n-Hexadecane (C16)	10.180	2874682	19.661 ug/ml
8) T n-Octadecane (C18)	11.623	2933025	19.932 ug/ml
10) T n-Eicosane (C20)	12.932	2865462	20.185 ug/ml
11) T n-Heneicosane (C21)	13.544	2857466	20.109 ug/ml
13) T n-Docosane (C22)	14.130	2843073	20.338 ug/ml
14) T n-Tetracosane (C24)	15.233	2817109	20.398 ug/ml
15) T n-Hexacosane (C26)	16.254	2735934	20.370 ug/ml
16) T n-Octacosane (C28)	17.204	2708792	20.398 ug/ml
17) T n-Tricontane (C30)	18.093	2687983	20.354 ug/ml
18) T n-Dotriacontane (C32)	18.926	2686353	20.143 ug/ml
19) T n-Tetratriacontane (C34)	19.709	2633349	19.901 ug/ml
20) T n-Hexatriacontane (C36)	20.450	2532256	19.711 ug/ml
21) T n-Octatriacontane (C38)	21.190	2620137	19.995 ug/ml
22) T n-Tetracontane (C40)	22.106	2490400	18.289 ug/ml

(f)=RT Delta > 1/2 Window

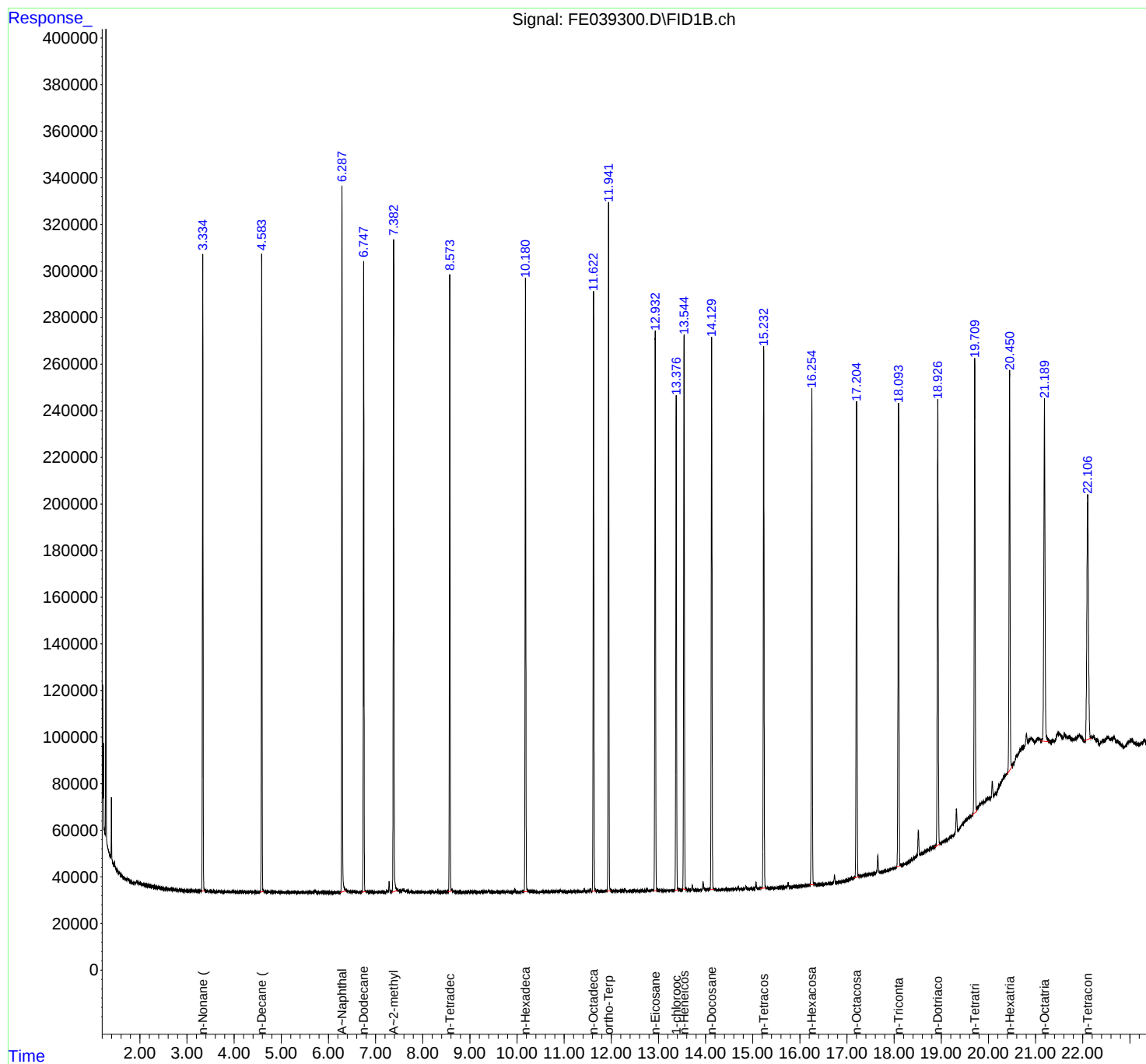
(m)=manual int.

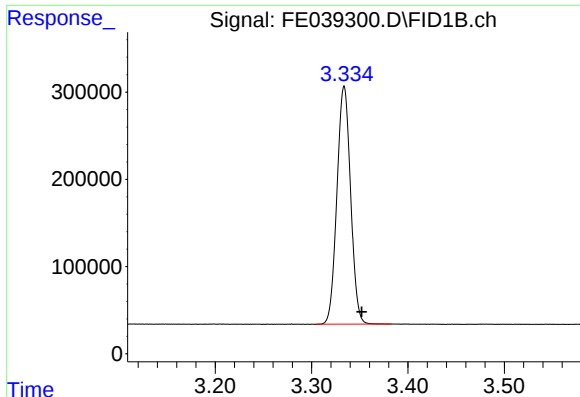
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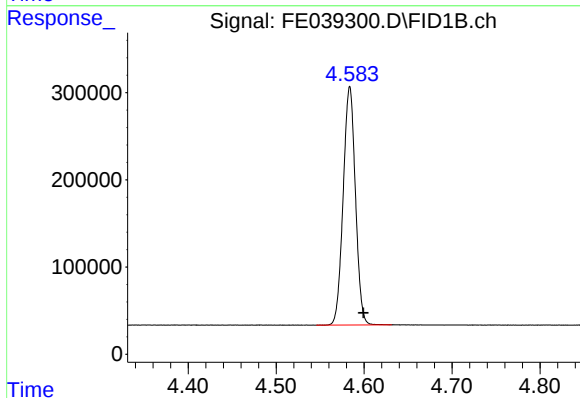




#1 n-Nonane (C9)

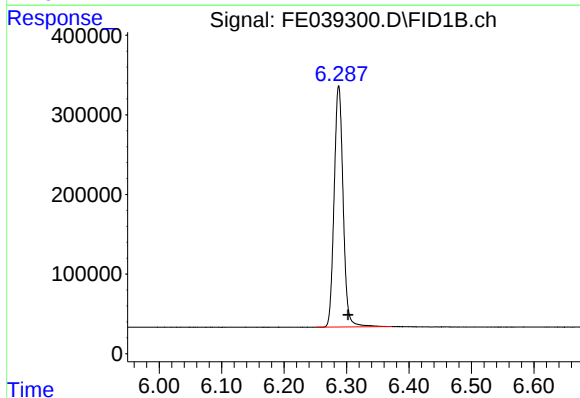
R.T.: 3.334 min
Delta R.T.: -0.018 min
Response: 2689368
Conc: 18.97 ug/ml

Instrument :
FID_E
ClientSampleId :



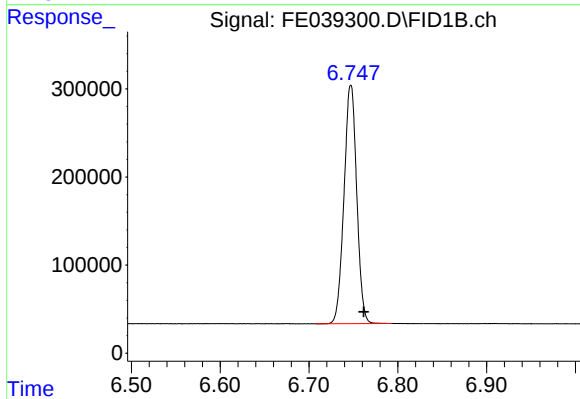
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: -0.016 min
Response: 2642767
Conc: 18.96 ug/ml



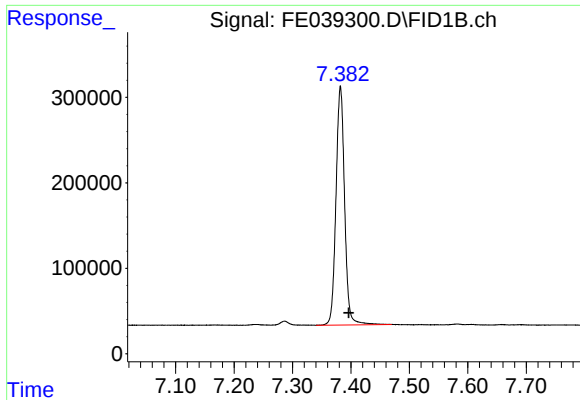
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.015 min
Response: 3036157
Conc: 19.09 ug/ml



#4 n-Dodecane (C12)

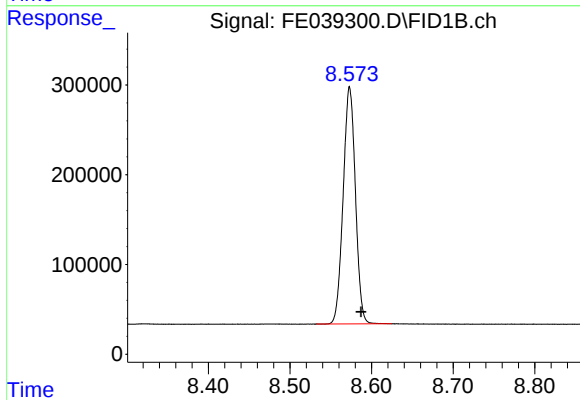
R.T.: 6.747 min
Delta R.T.: -0.014 min
Response: 2696201
Conc: 19.13 ug/ml



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

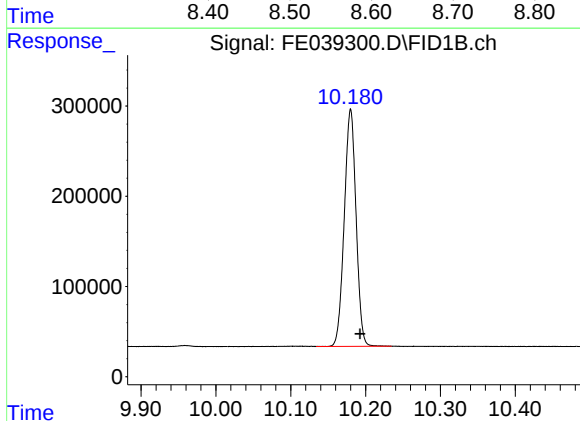
R.T.: 7.382 min
Delta R.T.: -0.014 min
Response: 2866706
Conc: 19.15 ug/ml

Instrument :
FID_E
ClientSampleId :



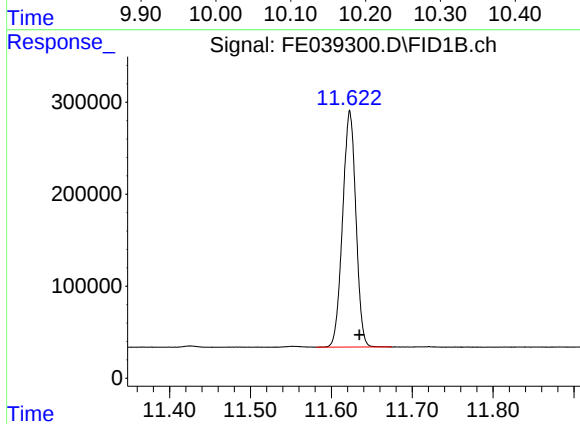
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.014 min
Response: 2760014
Conc: 19.32 ug/ml



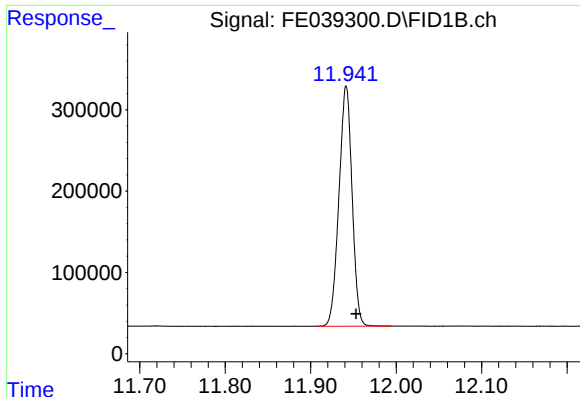
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.013 min
Response: 2874682
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

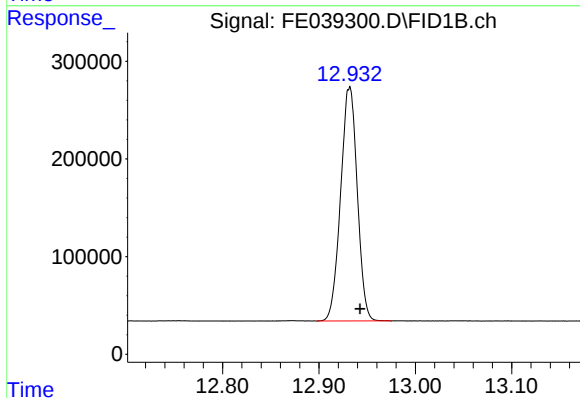
R.T.: 11.623 min
Delta R.T.: -0.012 min
Response: 2933025
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

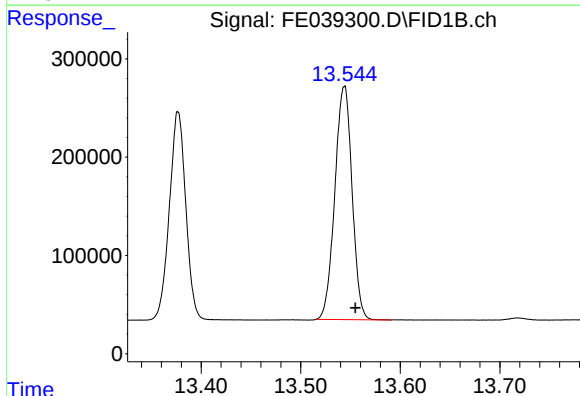
R.T.: 11.942 min
Delta R.T.: -0.012 min
Response: 3151546
Conc: 20.15 ug/ml

Instrument :
FID_E
ClientSampleId :



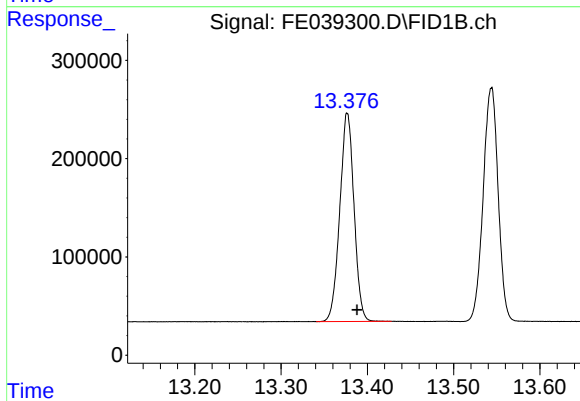
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.011 min
Response: 2865462
Conc: 20.18 ug/ml



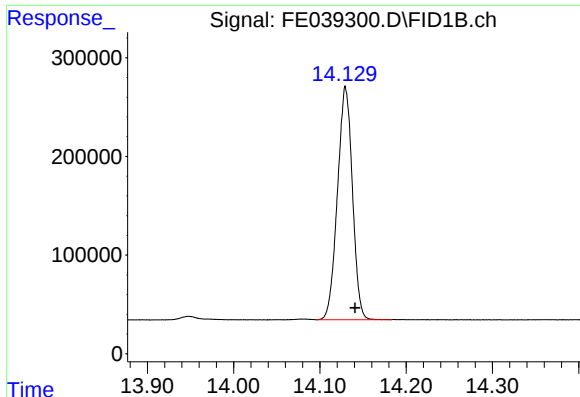
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.011 min
Response: 2857466
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

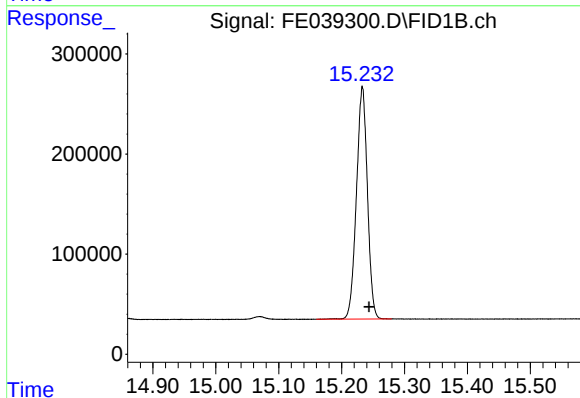
R.T.: 13.377 min
Delta R.T.: -0.011 min
Response: 2429481
Conc: 20.12 ug/ml



#13 n-Docosane (C22)

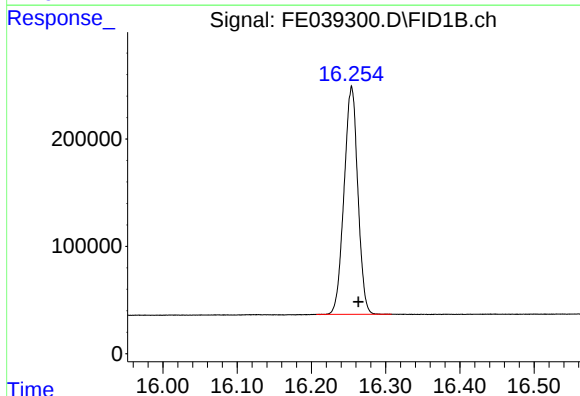
R.T.: 14.130 min
Delta R.T.: -0.011 min
Response: 2843073
Conc: 20.34 ug/ml

Instrument :
FID_E
ClientSampleId :



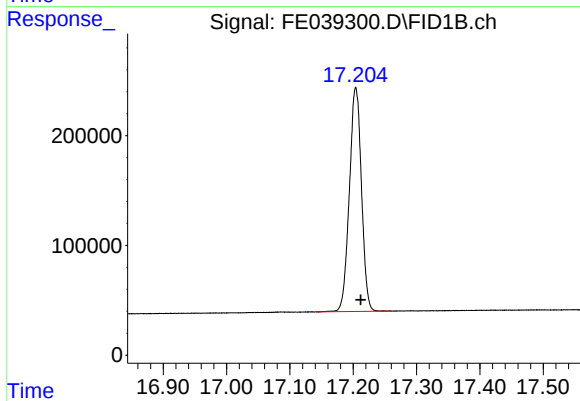
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.010 min
Response: 2817109
Conc: 20.40 ug/ml



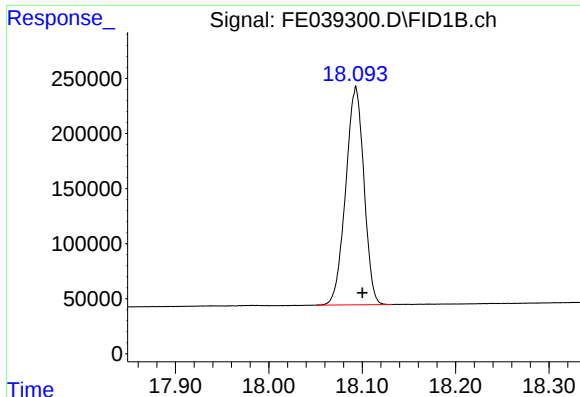
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.009 min
Response: 2735934
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

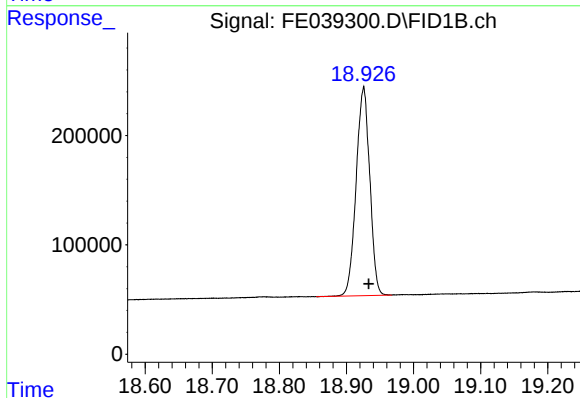
R.T.: 17.204 min
Delta R.T.: -0.008 min
Response: 2708792
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

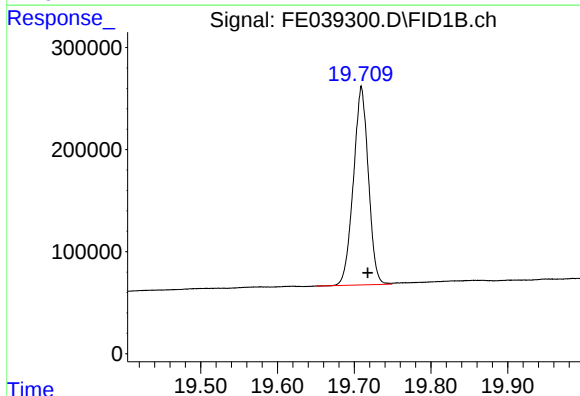
R.T.: 18.093 min
Delta R.T.: -0.007 min
Response: 2687983
Conc: 20.35 ug/ml

Instrument :
FID_E
ClientSampleId :



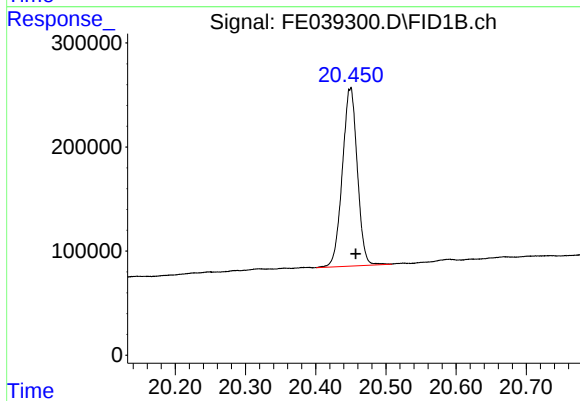
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.008 min
Response: 2686353
Conc: 20.14 ug/ml



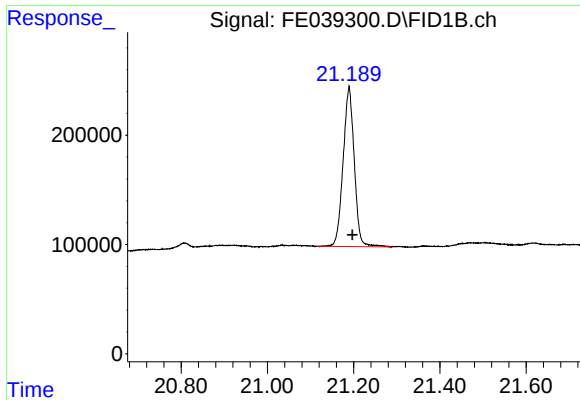
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.008 min
Response: 2633349
Conc: 19.90 ug/ml



#20 n-Hexatriacontane (C36)

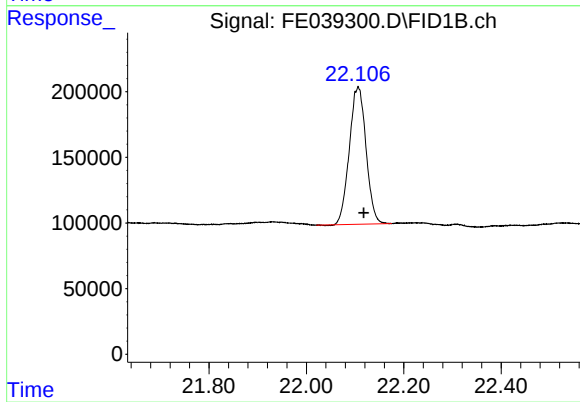
R.T.: 20.450 min
Delta R.T.: -0.007 min
Response: 2532256
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.008 min
Response: 2620137
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: -0.012 min
Response: 2490400
Conc: 18.29 ug/ml