

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122922AL\
 Data File : FE039567.D
 Signal(s) : FID1B.ch
 Acq On : 30 Dec 2022 00:53
 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 30 05:28:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.927	3044423	20.400 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
12) S 1-chlorooctadecane (S...	13.362	2354853	20.459 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
Target Compounds			
1) T n-Nonane (C9)	3.325	2644779	20.461 ug/ml
2) T n-Decane (C10)	4.572	2626656	20.614 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2938005	20.324 ug/ml
4) T n-Dodecane (C12)	6.735	2653325	20.438 ug/ml
5) T A~2-methylnaphthalene...	7.369	2752987	20.328 ug/ml
6) T n-Tetradecane (C14)	8.561	2696434	20.349 ug/ml
7) T n-Hexadecane (C16)	10.167	2794209	20.311 ug/ml
8) T n-Octadecane (C18)	11.609	2847730	20.332 ug/ml
10) T n-Eicosane (C20)	12.917	2774045	20.322 ug/ml
11) T n-Heneicosane (C21)	13.530	2700818	19.802 ug/ml
13) T n-Docosane (C22)	14.115	2762347	20.420 ug/ml
14) T n-Tetracosane (C24)	15.218	2761891	20.574 ug/ml
15) T n-Hexacosane (C26)	16.239	2712030	20.828 ug/ml
16) T n-Octacosane (C28)	17.188	2753036	21.391 ug/ml
17) T n-Tricontane (C30)	18.076	2782730	21.614 ug/ml
18) T n-Dotriacontane (C32)	18.909	2970509	22.938 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2779551	22.032 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2542111	21.024 ug/ml
21) T n-Octatriacontane (C38)	21.167	2523801	20.436 ug/ml
22) T n-Tetracontane (C40)	22.076	2484757	19.786 ug/ml

(f)=RT Delta > 1/2 Window

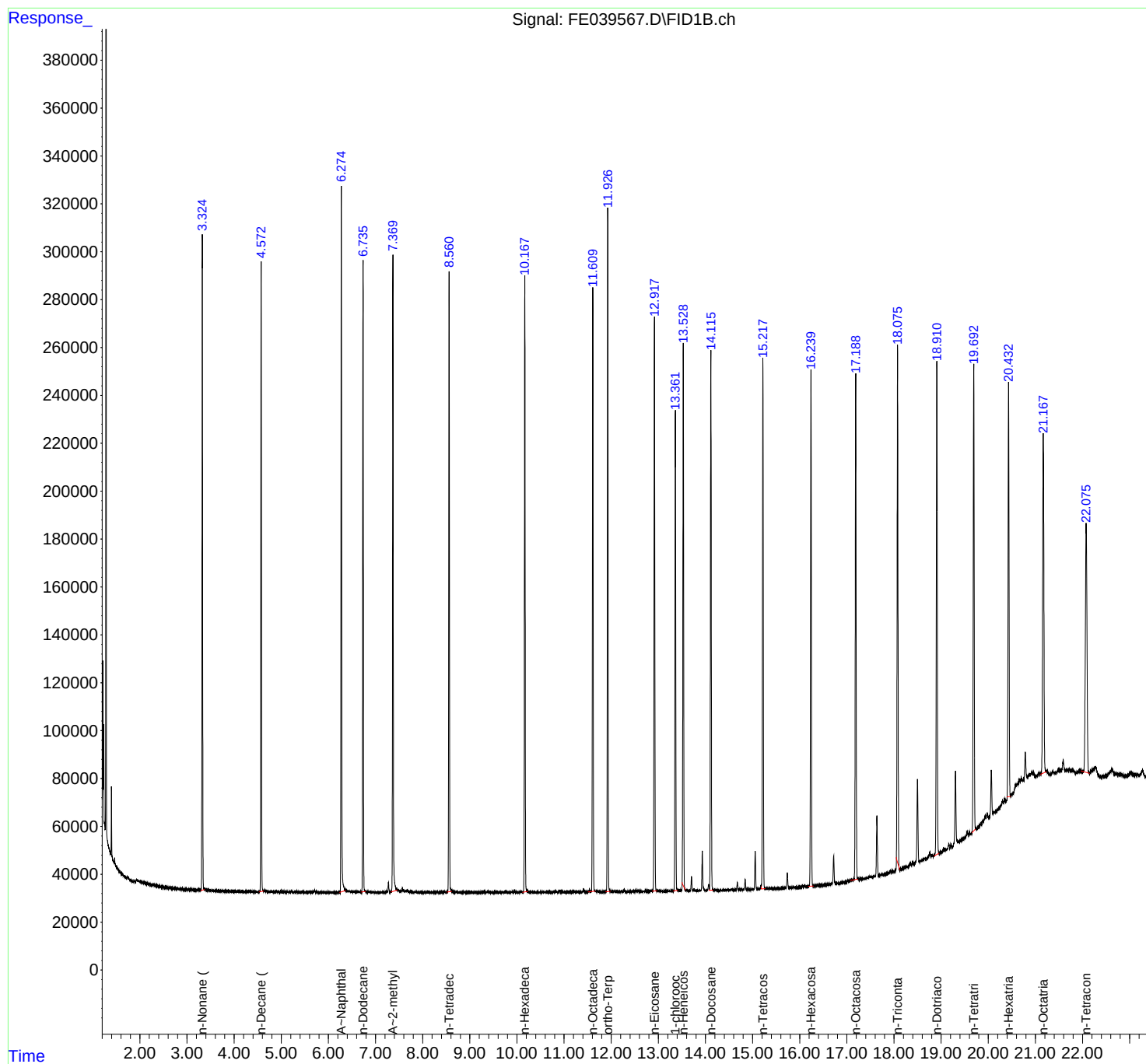
(m)=manual int.

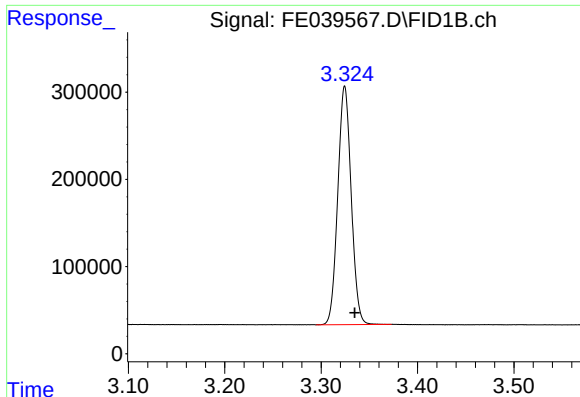
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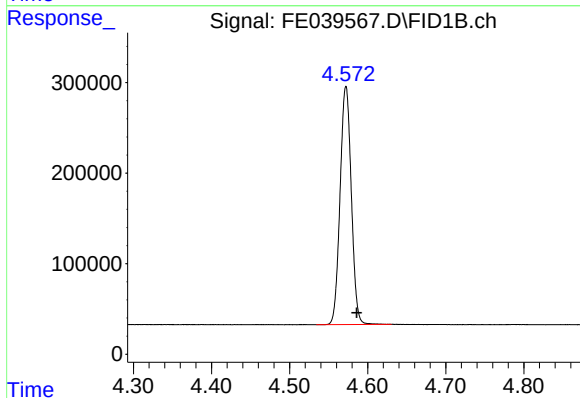




#1 n-Nonane (C9)

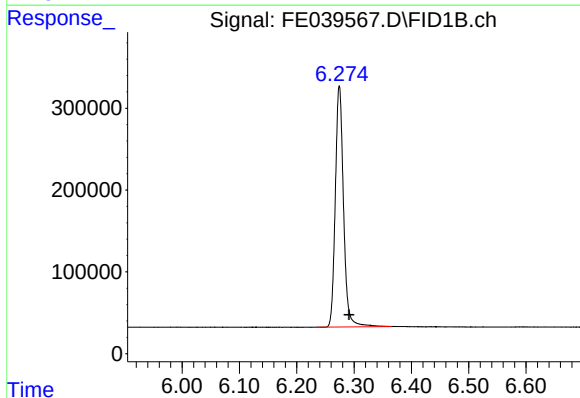
R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 2644779
Conc: 20.46 ug/ml

Instrument :
FID_E
ClientSampleId :



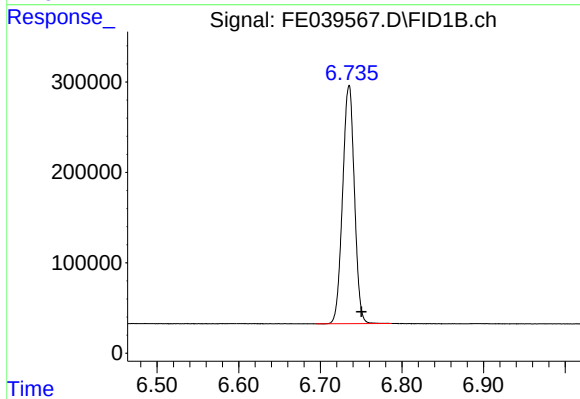
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.014 min
Response: 2626656
Conc: 20.61 ug/ml



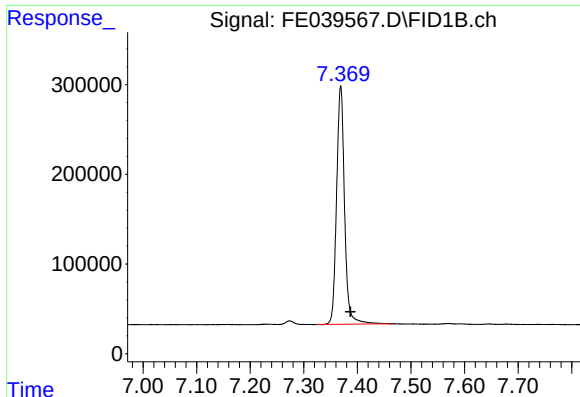
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.017 min
Response: 2938005
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

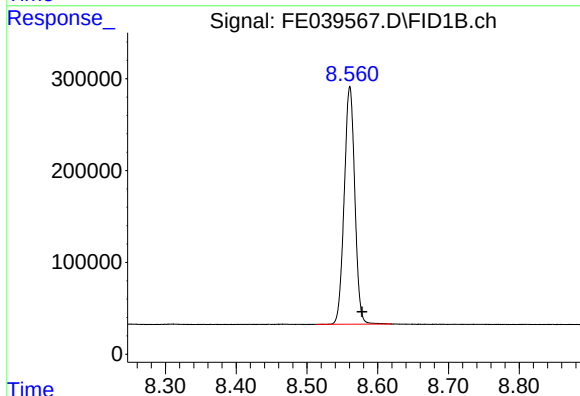
R.T.: 6.735 min
Delta R.T.: -0.015 min
Response: 2653325
Conc: 20.44 ug/ml



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

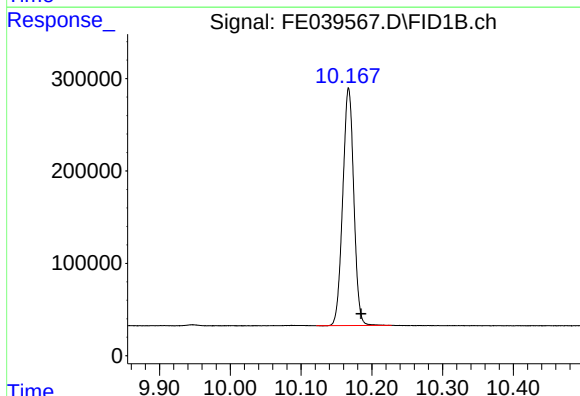
R.T.: 7.369 min
Delta R.T.: -0.018 min
Response: 2752987
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :



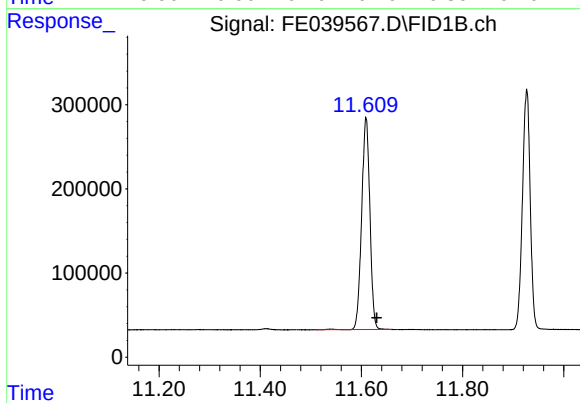
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.017 min
Response: 2696434
Conc: 20.35 ug/ml



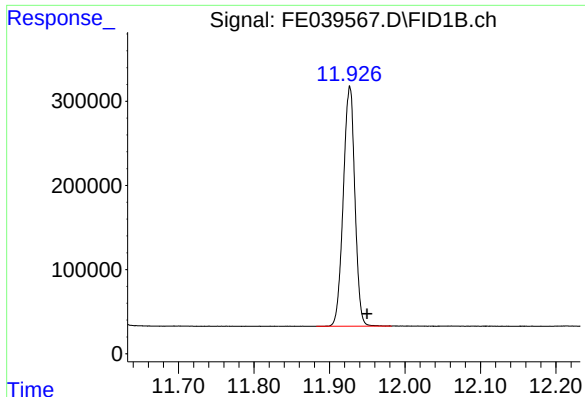
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: -0.018 min
Response: 2794209
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

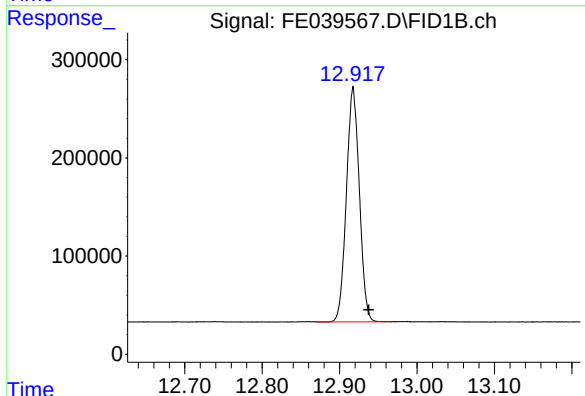
R.T.: 11.609 min
Delta R.T.: -0.021 min
Response: 2847730
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

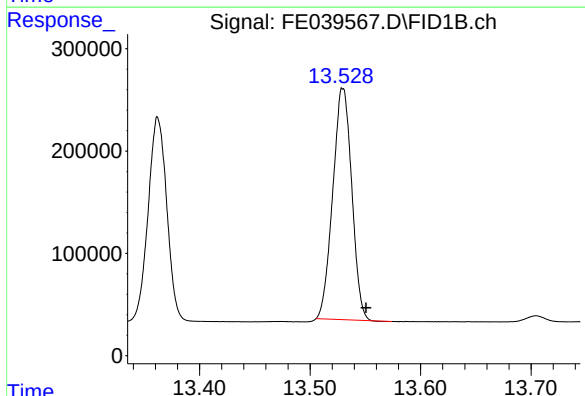
R.T.: 11.927 min
Delta R.T.: -0.023 min
Response: 3044423
Conc: 20.40 ug/ml

Instrument :
FID_E
ClientSampleId :



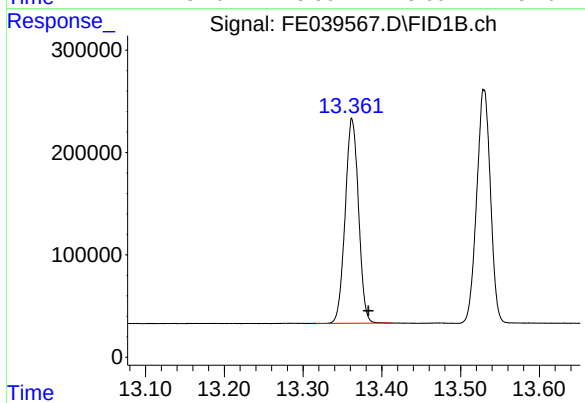
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.020 min
Response: 2774045
Conc: 20.32 ug/ml



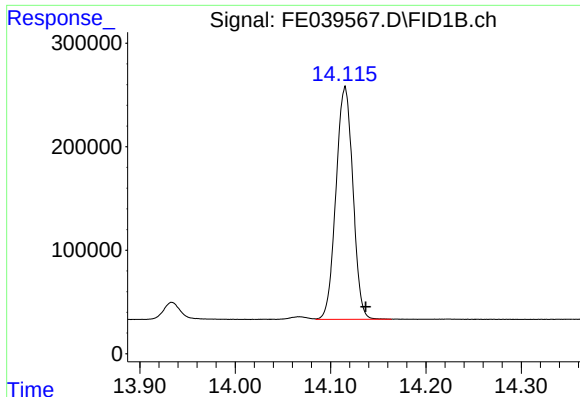
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.021 min
Response: 2700818
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

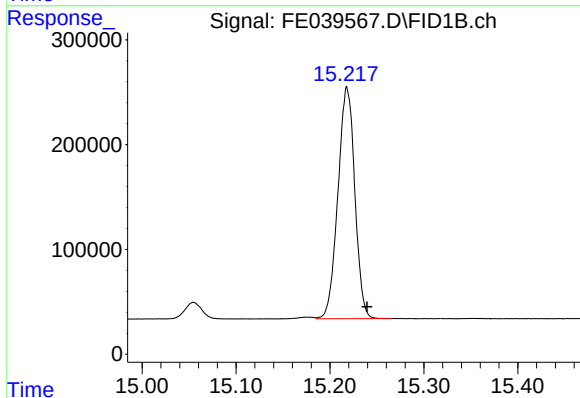
R.T.: 13.362 min
Delta R.T.: -0.021 min
Response: 2354853
Conc: 20.46 ug/ml



#13 n-Docosane (C22)

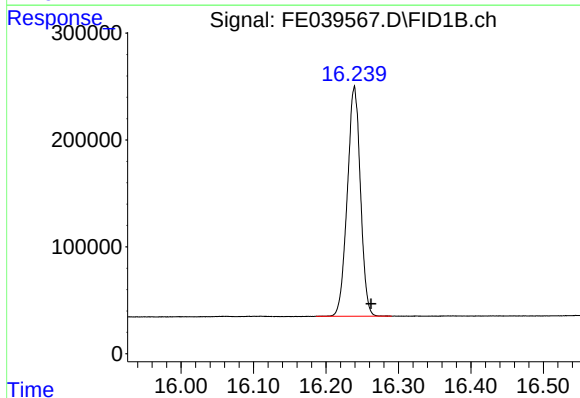
R.T.: 14.115 min
Delta R.T.: -0.022 min
Response: 2762347
Conc: 20.42 ug/ml

Instrument :
FID_E
ClientSampleId :



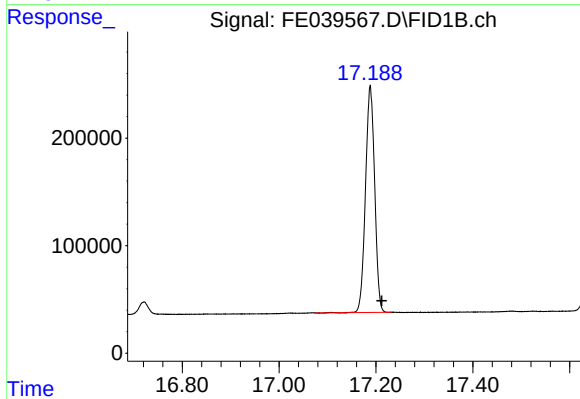
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: -0.021 min
Response: 2761891
Conc: 20.57 ug/ml



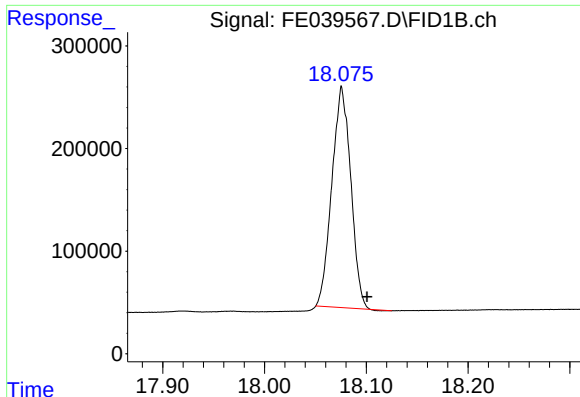
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.023 min
Response: 2712030
Conc: 20.83 ug/ml



#16 n-Octacosane (C28)

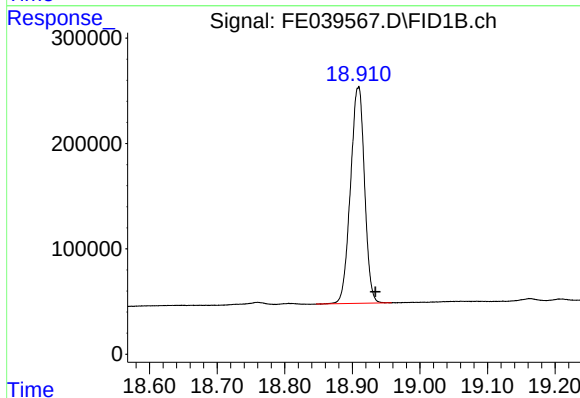
R.T.: 17.188 min
Delta R.T.: -0.024 min
Response: 2753036
Conc: 21.39 ug/ml



#17 n-Tricontane (C30)

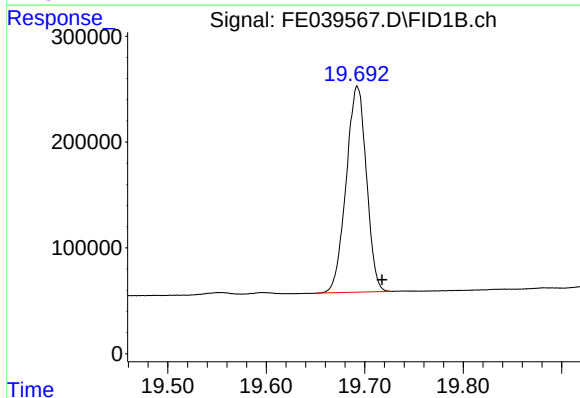
R.T.: 18.076 min
Delta R.T.: -0.025 min
Response: 2782730
Conc: 21.61 ug/ml

Instrument :
FID_E
ClientSampleId :



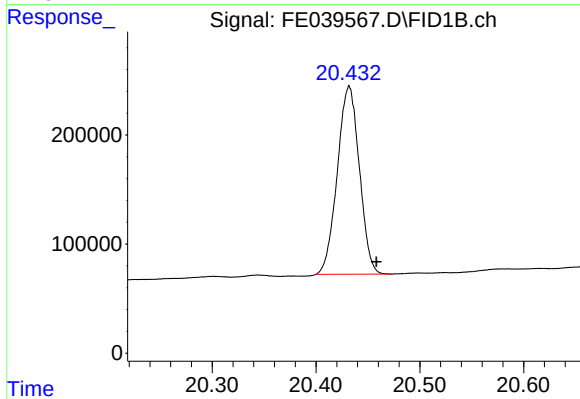
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: -0.025 min
Response: 2970509
Conc: 22.94 ug/ml



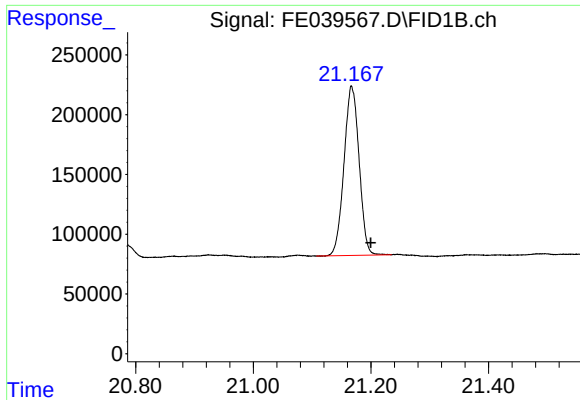
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: -0.025 min
Response: 2779551
Conc: 22.03 ug/ml



#20 n-Hexatriacontane (C36)

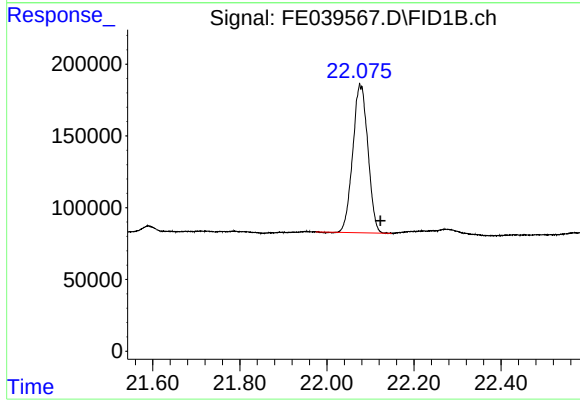
R.T.: 20.432 min
Delta R.T.: -0.026 min
Response: 2542111
Conc: 21.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: -0.033 min
Response: 2523801
Conc: 20.44 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.047 min
Response: 2484757
Conc: 19.79 ug/ml