

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073123AL\
 Data File : FE043639.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2023 16:06
 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: Aug 01 04:00:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 2023
 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)	11.885	3305031	18.457 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
12) S 1-chlorooctadecane (S...	13.322	2420487	18.421 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
Target Compounds			
1) T n-Nonane (C9)	3.261	2816801	18.449 ug/ml
2) T n-Decane (C10)	4.515	2917054	18.712 ug/ml
3) T A~Naphthalene (C11.7)	6.227	2980432	18.522 ug/ml
4) T n-Dodecane (C12)	6.686	2925866	18.568 ug/ml
5) T A~2-methylnaphthalene...	7.325	2802297	18.468 ug/ml
6) T n-Tetradecane (C14)	8.515	2904453	18.363 ug/ml
7) T n-Hexadecane (C16)	10.123	2994921	18.506 ug/ml
8) T n-Octadecane (C18)	11.566	3011273	18.472 ug/ml
10) T n-Eicosane (C20)	12.875	2861493	18.417 ug/ml
11) T n-Heneicosane (C21)	13.488	2787697	18.400 ug/ml
13) T n-Docosane (C22)	14.074	2747597	18.385 ug/ml
14) T n-Tetracosane (C24)	15.178	2688069	18.304 ug/ml
15) T n-Hexacosane (C26)	16.199	2619776	18.394 ug/ml
16) T n-Octacosane (C28)	17.149	2567988	18.251 ug/ml
17) T n-Tricontane (C30)	18.037	2654954	18.022 ug/ml
18) T n-Dotriacontane (C32)	18.869	2668067	18.006 ug/ml
19) T n-Tetratriacontane (C34)	19.654	2647825	18.347 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2650157	18.031 ug/ml
21) T n-Octatriacontane (C38)	21.130	2739896	19.207 ug/ml
22) T n-Tetracontane (C40)	22.038	2878454	19.504 ug/ml

(f)=RT Delta > 1/2 Window

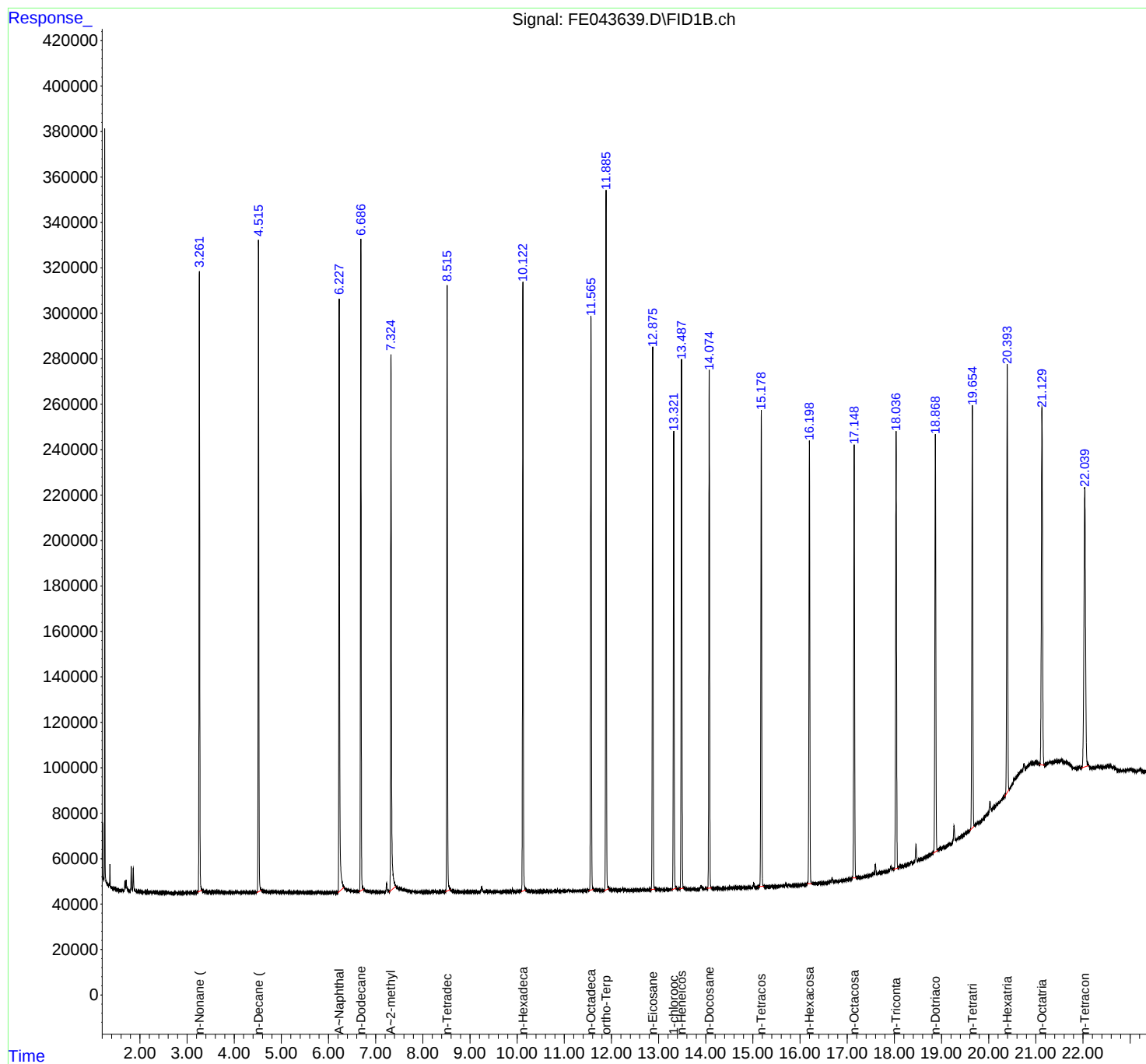
(m)=manual int.

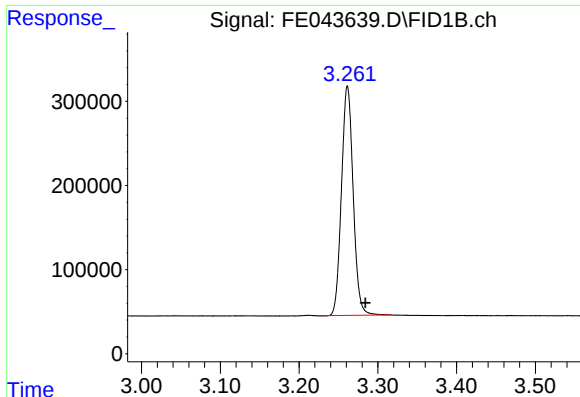
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073123AL\
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QLast Update : Thu Jul 13 03:02:53 2023
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

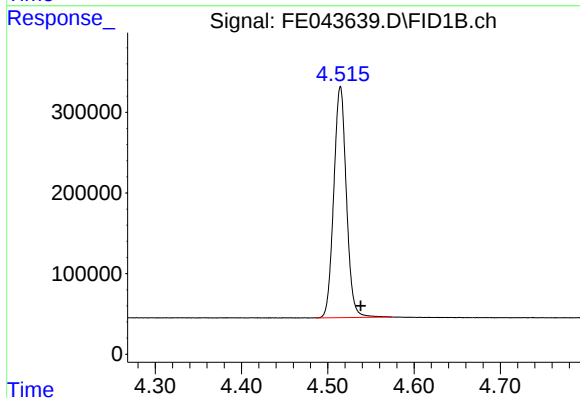




#1 n-Nonane (C9)

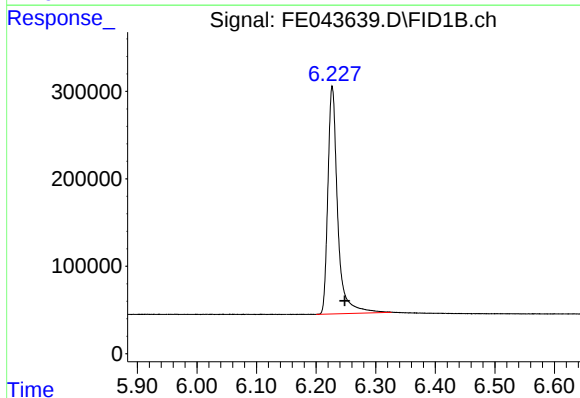
R.T.: 3.261 min
Delta R.T.: -0.022 min
Response: 2816801
Conc: 18.45 ug/ml

Instrument :
FID_E
ClientSampleId :



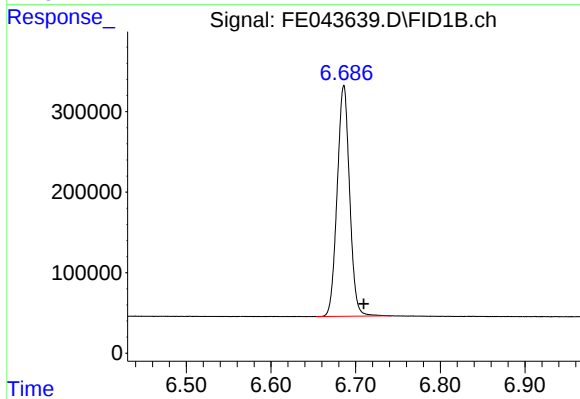
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.023 min
Response: 2917054
Conc: 18.71 ug/ml



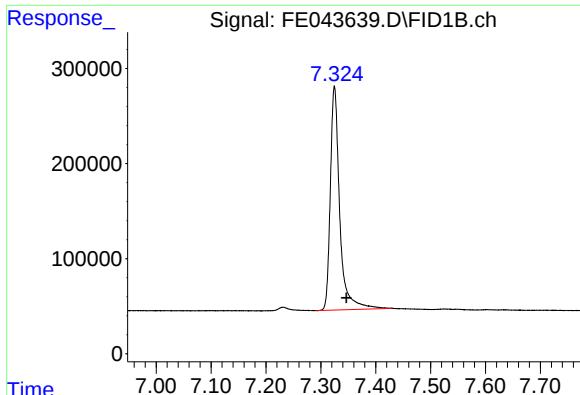
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.021 min
Response: 2980432
Conc: 18.52 ug/ml



#4 n-Dodecane (C12)

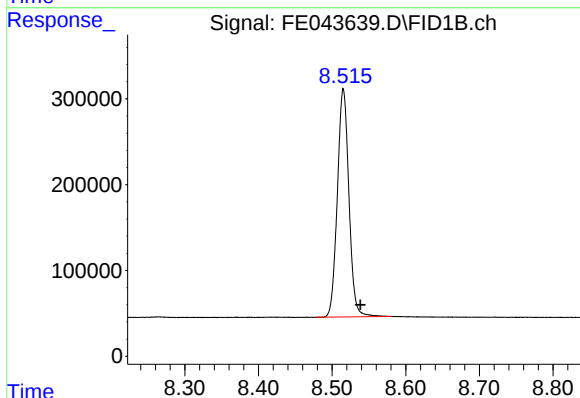
R.T.: 6.686 min
Delta R.T.: -0.023 min
Response: 2925866
Conc: 18.57 ug/ml



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

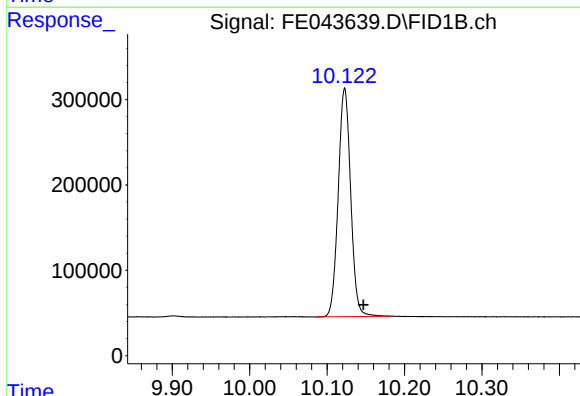
R.T.: 7.325 min
Delta R.T.: -0.022 min
Response: 2802297
Conc: 18.47 ug/ml

Instrument :
FID_E
ClientSampleId :



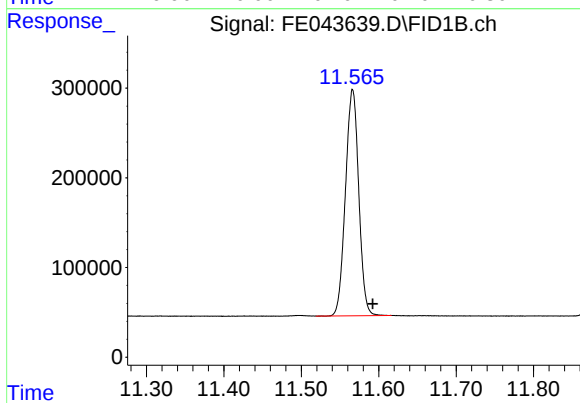
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.023 min
Response: 2904453
Conc: 18.36 ug/ml



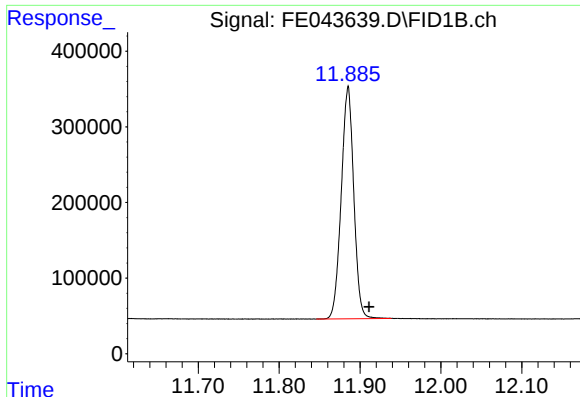
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: -0.024 min
Response: 2994921
Conc: 18.51 ug/ml



#8 n-Octadecane (C18)

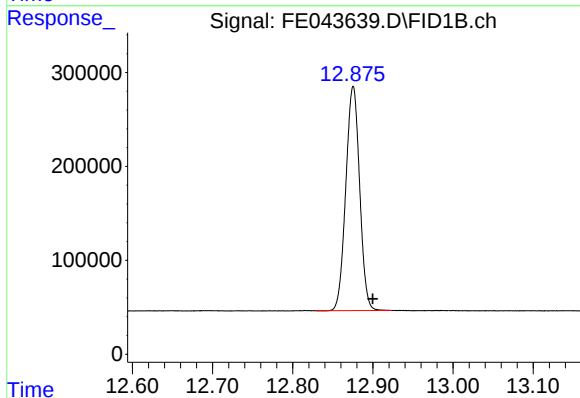
R.T.: 11.566 min
Delta R.T.: -0.026 min
Response: 3011273
Conc: 18.47 ug/ml



#9 ortho-Terphenyl (SURR)

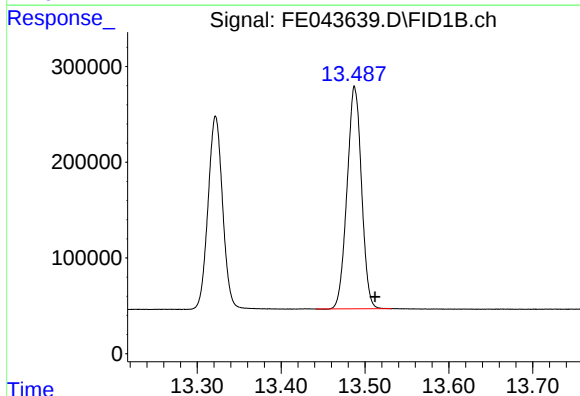
R.T.: 11.885 min
Delta R.T.: -0.026 min
Response: 3305031
Conc: 18.46 ug/ml

Instrument :
FID_E
ClientSampleId :



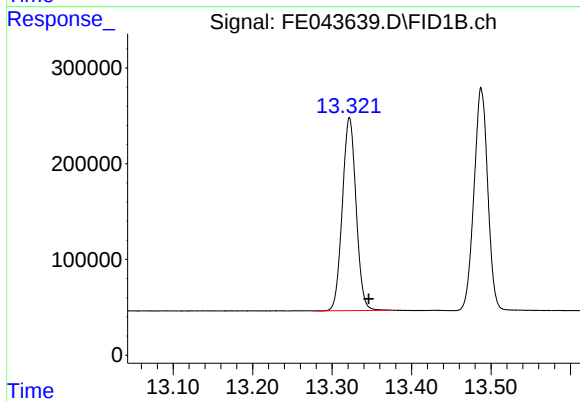
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.024 min
Response: 2861493
Conc: 18.42 ug/ml



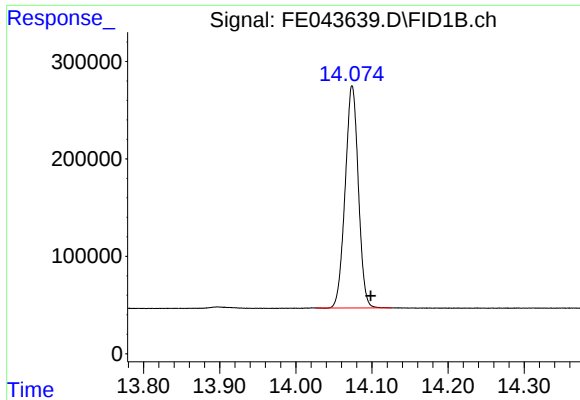
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.024 min
Response: 2787697
Conc: 18.40 ug/ml



#12 1-chlorooctadecane (SURR)

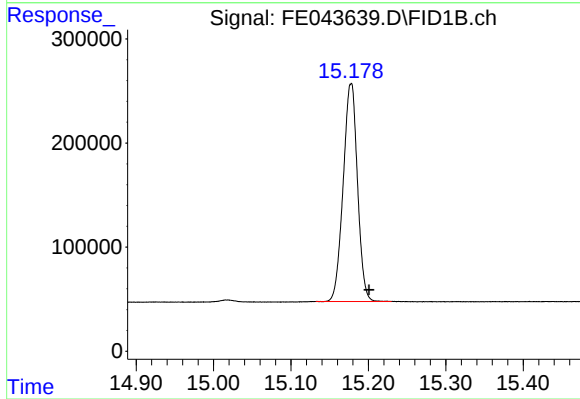
R.T.: 13.322 min
Delta R.T.: -0.024 min
Response: 2420487
Conc: 18.42 ug/ml



#13 n-Docosane (C22)

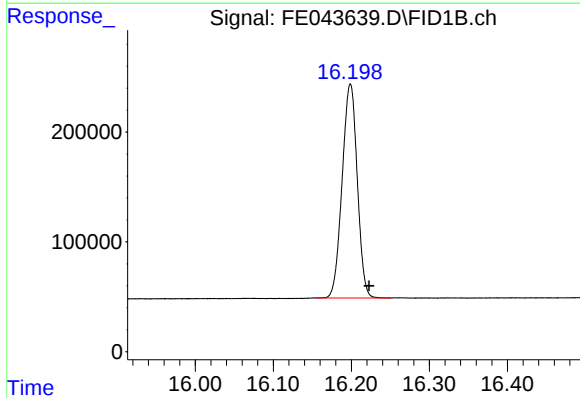
R.T.: 14.074 min
Delta R.T.: -0.024 min
Response: 2747597
Conc: 18.38 ug/ml

Instrument :
FID_E
ClientSampleId :



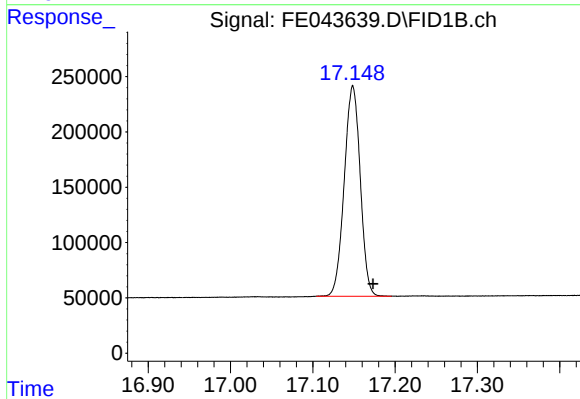
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.023 min
Response: 2688069
Conc: 18.30 ug/ml



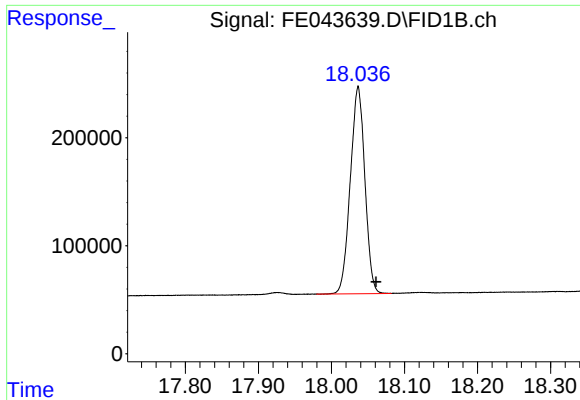
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: -0.024 min
Response: 2619776
Conc: 18.39 ug/ml



#16 n-Octacosane (C28)

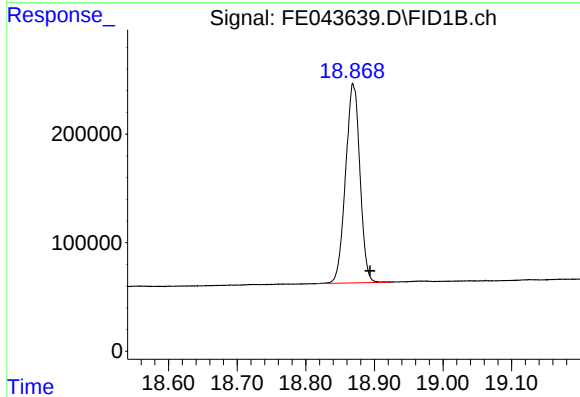
R.T.: 17.149 min
Delta R.T.: -0.025 min
Response: 2567988
Conc: 18.25 ug/ml



#17 n-Tricontane (C30)

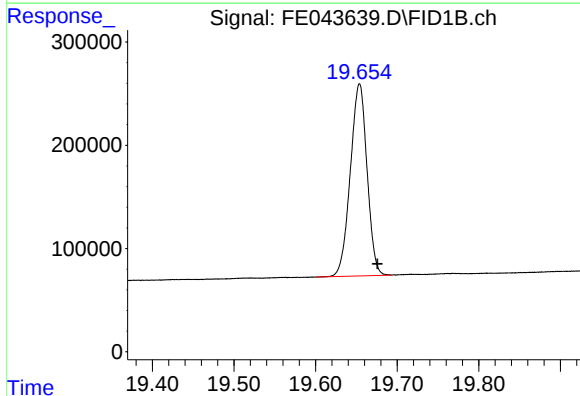
R.T.: 18.037 min
Delta R.T.: -0.024 min
Response: 2654954
Conc: 18.02 ug/ml

Instrument :
FID_E
ClientSampleId :



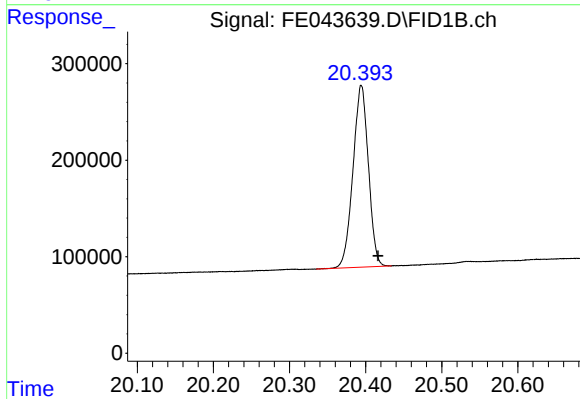
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: -0.025 min
Response: 2668067
Conc: 18.01 ug/ml



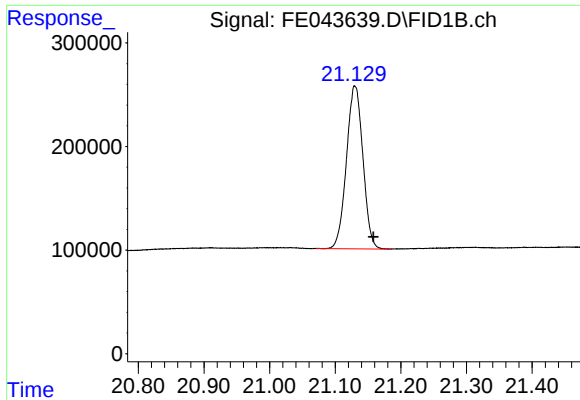
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.022 min
Response: 2647825
Conc: 18.35 ug/ml



#20 n-Hexatriacontane (C36)

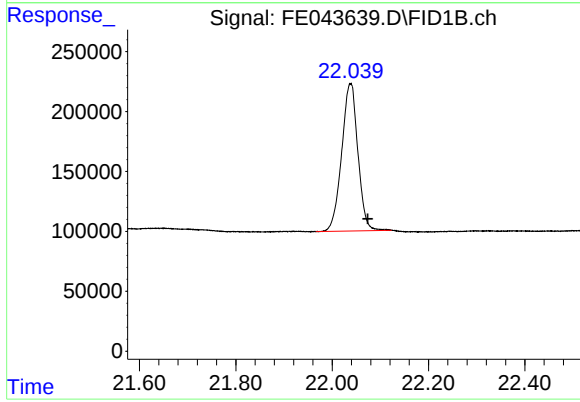
R.T.: 20.394 min
Delta R.T.: -0.022 min
Response: 2650157
Conc: 18.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: -0.028 min
Response: 2739896
Conc: 19.21 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: -0.036 min
Response: 2878454
Conc: 19.50 ug/ml