

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080524AL\
 Data File : FE049470.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2024 01:35
 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 06 02:05:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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)	11.892	3106580	20.029 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	13.328	2360650	20.205 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
Target Compounds			
1) T n-Nonane (C9)	3.282	2912506	19.367 ug/ml
2) T n-Decane (C10)	4.532	3009573	19.485 ug/ml
3) T A~Naphthalene (C11.7)	6.238	3076625	19.747 ug/ml
4) T n-Dodecane (C12)	6.699	3018061	19.600 ug/ml
5) T A~2-methylnaphthalene...	7.334	2806865	19.287 ug/ml
6) T n-Tetradecane (C14)	8.526	2980613	19.638 ug/ml
7) T n-Hexadecane (C16)	10.133	3007189	19.829 ug/ml
8) T n-Octadecane (C18)	11.575	3021669	19.901 ug/ml
10) T n-Eicosane (C20)	12.883	2869813	19.846 ug/ml
11) T n-Heneicosane (C21)	13.494	2824443	19.917 ug/ml
13) T n-Docosane (C22)	14.080	2801815	19.943 ug/ml
14) T n-Tetracosane (C24)	15.181	2797286	19.959 ug/ml
15) T n-Hexacosane (C26)	16.202	2775483	19.794 ug/ml
16) T n-Octacosane (C28)	17.149	2771436	19.801 ug/ml
17) T n-Tricontane (C30)	18.037	2854822	19.571 ug/ml
18) T n-Dotriacontane (C32)	18.868	2867969	19.505 ug/ml
19) T n-Tetratriacontane (C34)	19.650	2926599	20.036 ug/ml
20) T n-Hexatriacontane (C36)	20.391	2949929	20.463 ug/ml
21) T n-Octatriacontane (C38)	21.119	2980603	19.912 ug/ml
22) T n-Tetracontane (C40)	22.016	2861844	18.965 ug/ml

(f)=RT Delta > 1/2 Window

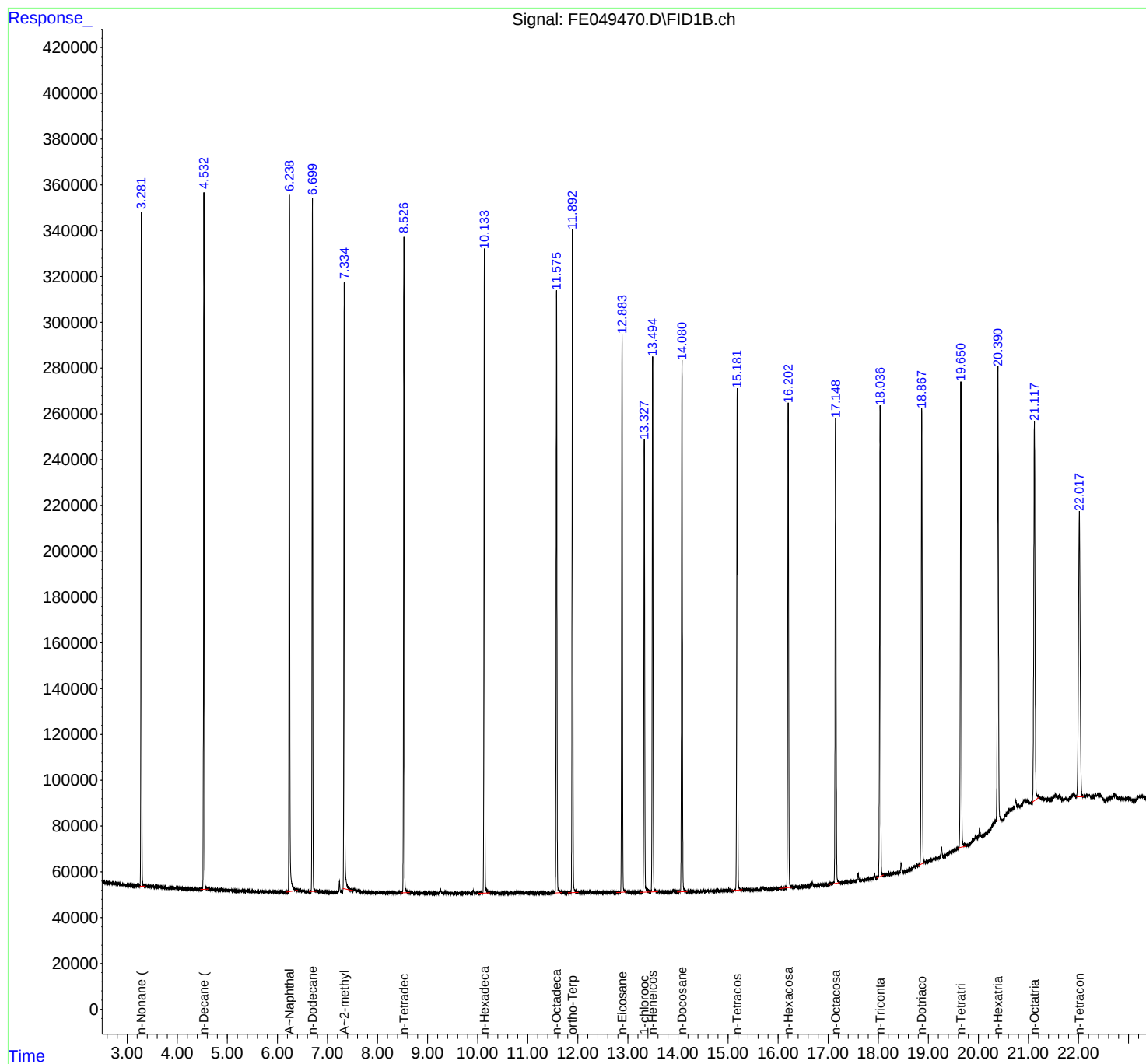
(m)=manual int.

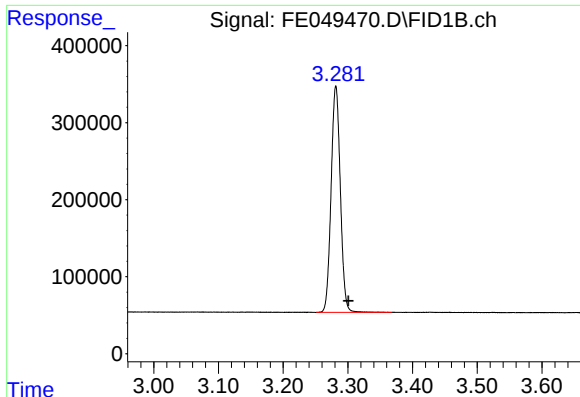
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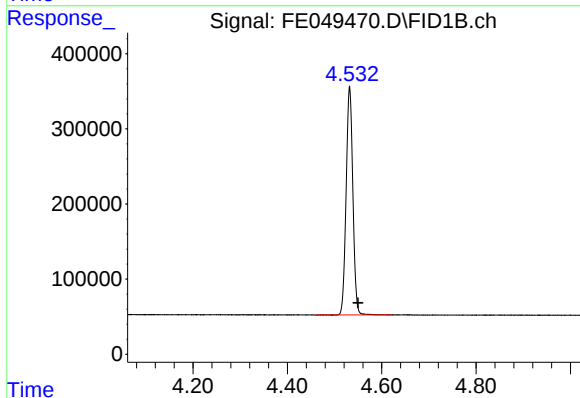




#1 n-Nonane (C9)

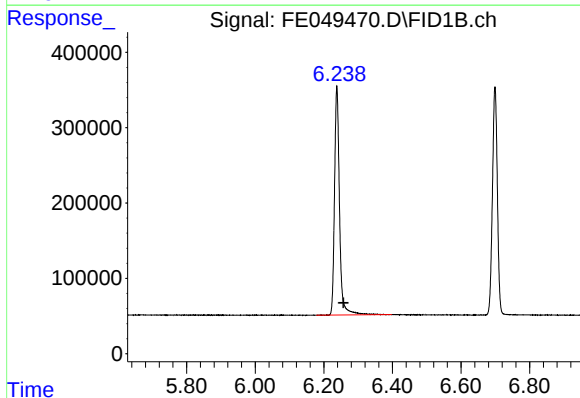
R.T.: 3.282 min
Delta R.T.: -0.019 min
Response: 2912506
Conc: 19.37 ug/ml

Instrument :
FID_E
ClientSampleId :



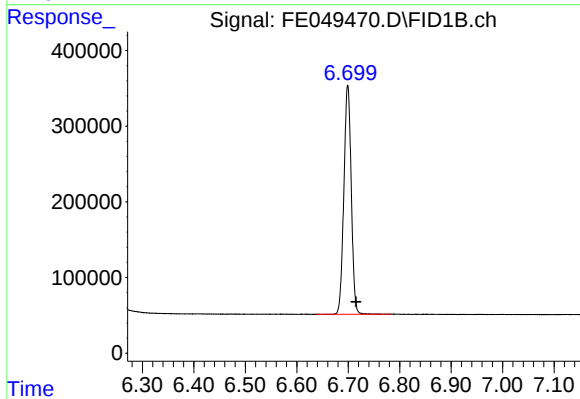
#2 n-Decane (C10)

R.T.: 4.532 min
Delta R.T.: -0.018 min
Response: 3009573
Conc: 19.49 ug/ml



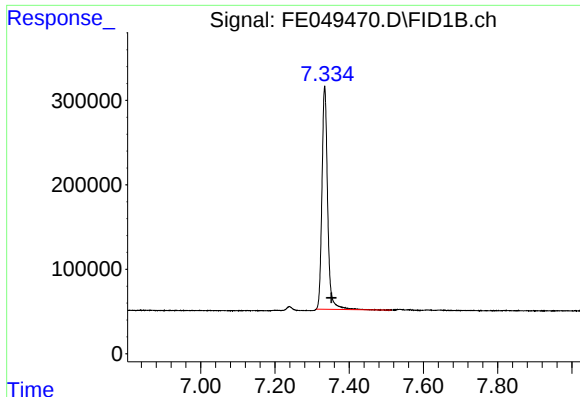
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: -0.019 min
Response: 3076625
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

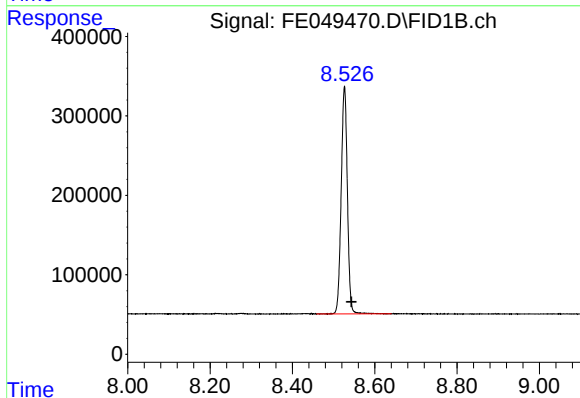
R.T.: 6.699 min
Delta R.T.: -0.016 min
Response: 3018061
Conc: 19.60 ug/ml



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

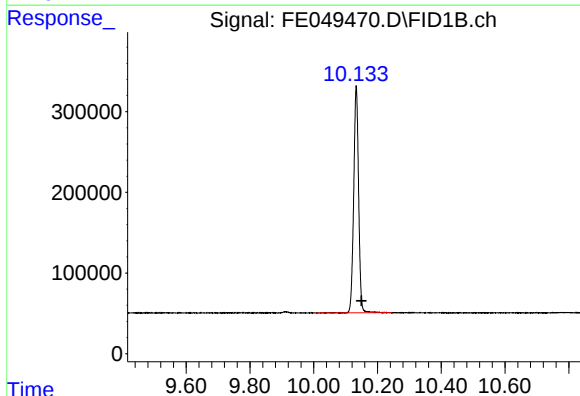
R.T.: 7.334 min
Delta R.T.: -0.018 min
Response: 2806865
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :



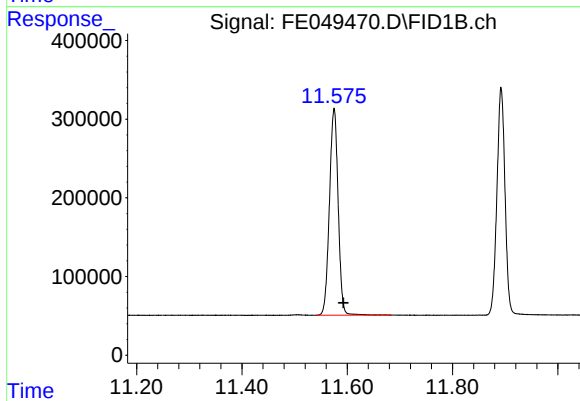
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.017 min
Response: 2980613
Conc: 19.64 ug/ml



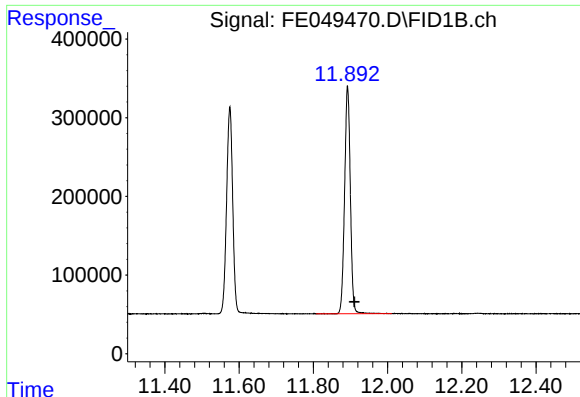
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.016 min
Response: 3007189
Conc: 19.83 ug/ml



#8 n-Octadecane (C18)

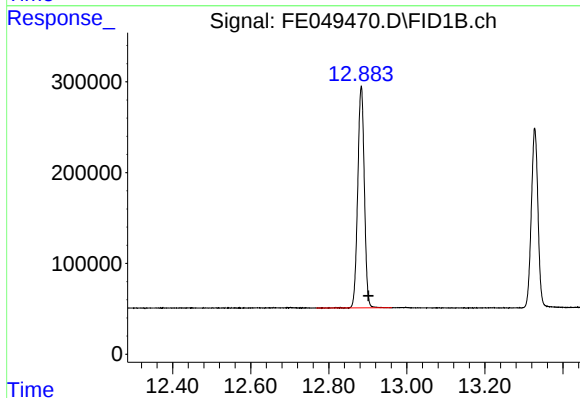
R.T.: 11.575 min
Delta R.T.: -0.018 min
Response: 3021669
Conc: 19.90 ug/ml



#9 ortho-Terphenyl (SURR)

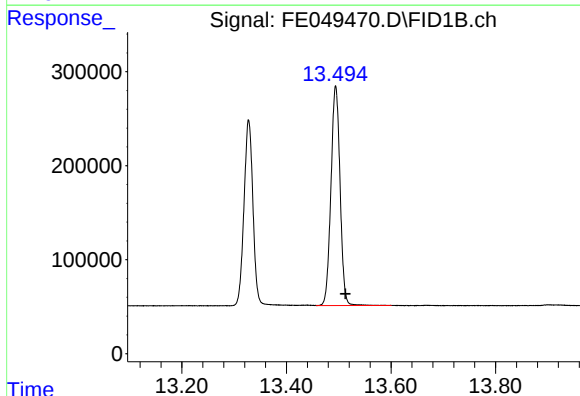
R.T.: 11.892 min
Delta R.T.: -0.018 min
Response: 3106580
Conc: 20.03 ug/ml

Instrument :
FID_E
ClientSampleId :



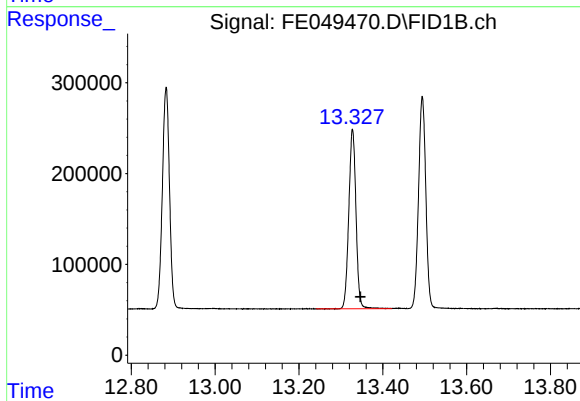
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: -0.018 min
Response: 2869813
Conc: 19.85 ug/ml



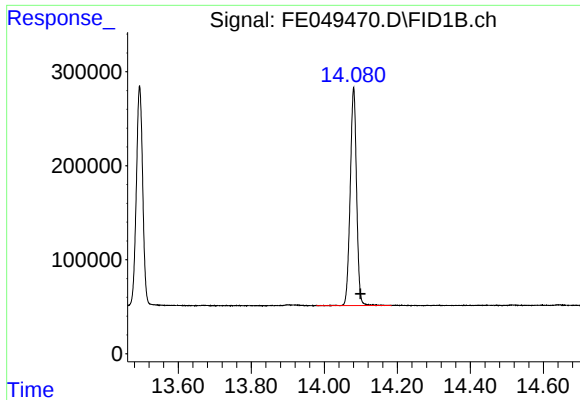
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: -0.019 min
Response: 2824443
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

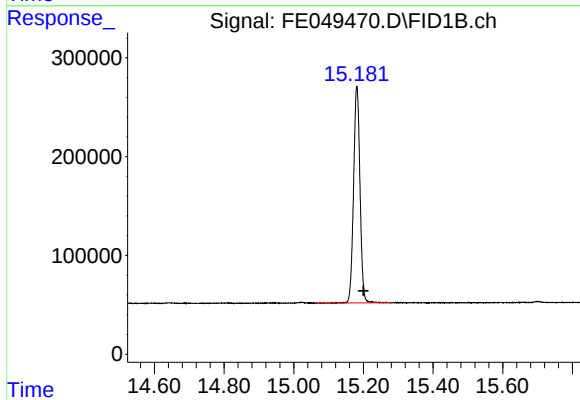
R.T.: 13.328 min
Delta R.T.: -0.019 min
Response: 2360650
Conc: 20.20 ug/ml



#13 n-Docosane (C22)

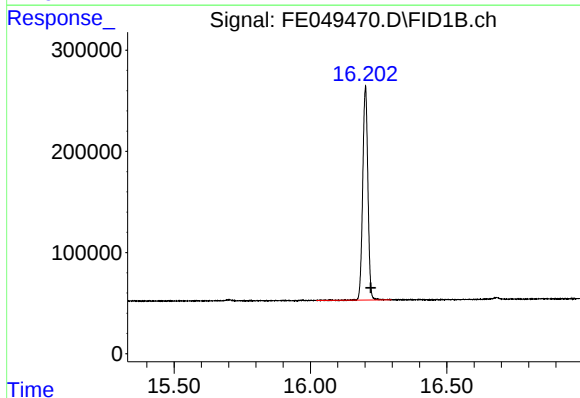
R.T.: 14.080 min
Delta R.T.: -0.019 min
Response: 2801815
Conc: 19.94 ug/ml

Instrument :
FID_E
ClientSampleId :



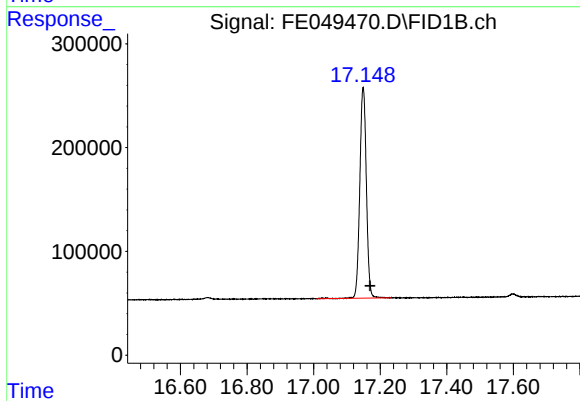
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.019 min
Response: 2797286
Conc: 19.96 ug/ml



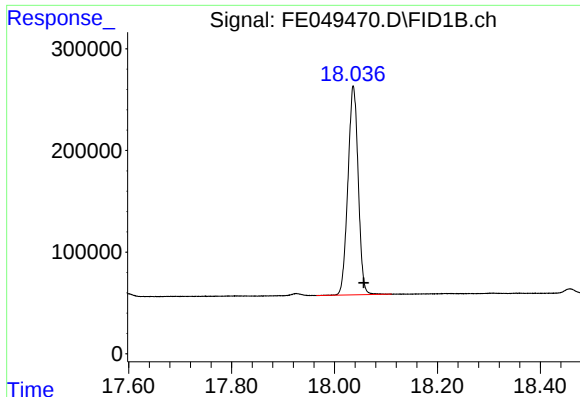
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.019 min
Response: 2775483
Conc: 19.79 ug/ml



#16 n-Octacosane (C28)

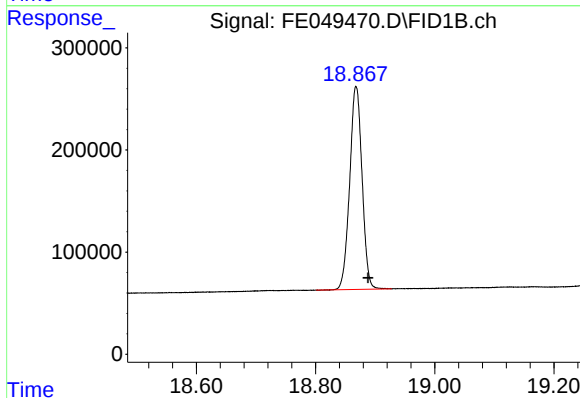
R.T.: 17.149 min
Delta R.T.: -0.021 min
Response: 2771436
Conc: 19.80 ug/ml



#17 n-Tricontane (C30)

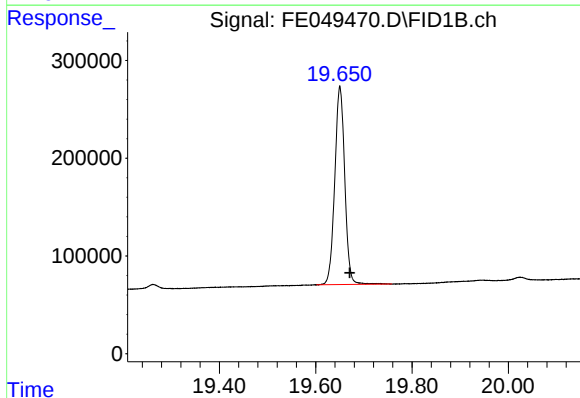
R.T.: 18.037 min
Delta R.T.: -0.020 min
Response: 2854822
Conc: 19.57 ug/ml

Instrument :
FID_E
ClientSampleId :



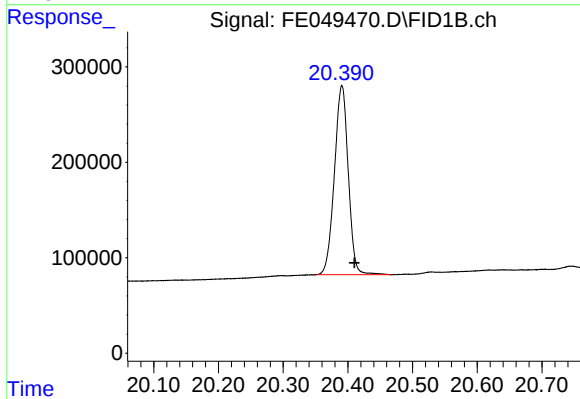
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.020 min
Response: 2867969
Conc: 19.50 ug/ml



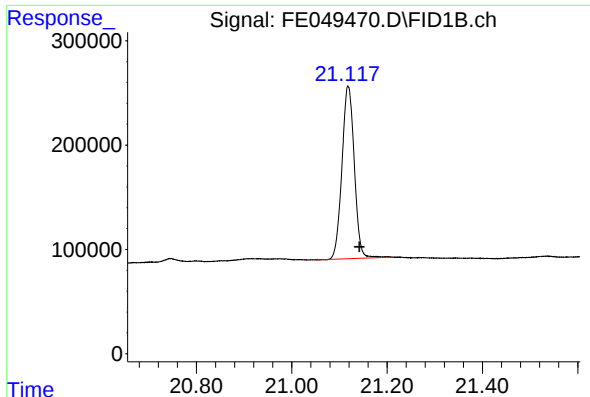
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: -0.021 min
Response: 2926599
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

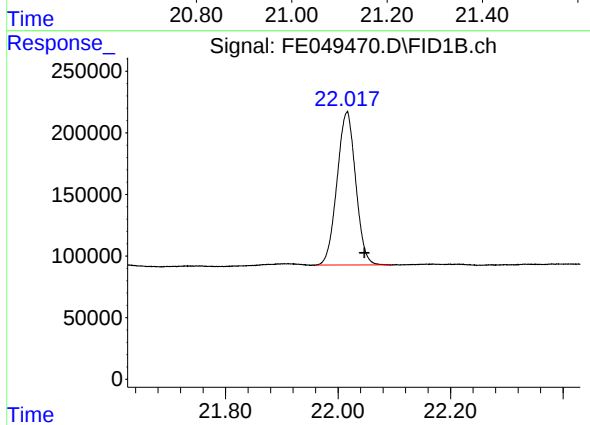
R.T.: 20.391 min
Delta R.T.: -0.020 min
Response: 2949929
Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.119 min
Delta R.T.: -0.023 min
Response: 2980603
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.031 min
Response: 2861844
Conc: 18.96 ug/ml