

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081924AL\
 Data File : FE049669.D
 Signal(s) : FID1B.ch
 Acq On : 19 Aug 2024 18:13
 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 20 01:34:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.891	2892593	17.887 ug/ml
Spiked Amount	50.000	Recovery =	35.77%
12) S 1-chlorooctadecane (S...	13.326	2202531	18.053 ug/ml
Spiked Amount	50.000	Recovery =	36.11%
Target Compounds			
1) T n-Nonane (C9)	3.277	2554708	16.508 ug/ml
2) T n-Decane (C10)	4.528	2725003	17.259 ug/ml
3) T A~Naphthalene (C11.7)	6.236	2791076	17.395 ug/ml
4) T n-Dodecane (C12)	6.696	2755904	17.530 ug/ml
5) T A~2-methylnaphthalene...	7.332	2672810	17.848 ug/ml
6) T n-Tetradecane (C14)	8.523	2720007	17.619 ug/ml
7) T n-Hexadecane (C16)	10.130	2778815	17.792 ug/ml
8) T n-Octadecane (C18)	11.573	2805533	17.864 ug/ml
10) T n-Eicosane (C20)	12.882	2683540	17.973 ug/ml
11) T n-Heneicosane (C21)	13.492	2635047	17.963 ug/ml
13) T n-Docosane (C22)	14.078	2614956	17.941 ug/ml
14) T n-Tetracosane (C24)	15.180	2638318	18.137 ug/ml
15) T n-Hexacosane (C26)	16.201	2594667	17.978 ug/ml
16) T n-Octacosane (C28)	17.149	2622264	18.205 ug/ml
17) T n-Tricontane (C30)	18.036	2889812	19.304 ug/ml
18) T n-Dotriacontane (C32)	18.868	3011025	19.903 ug/ml
19) T n-Tetratriacontane (C34)	19.652	3008151	19.677 ug/ml
20) T n-Hexatriacontane (C36)	20.390	2933691	19.319 ug/ml
21) T n-Octatriacontane (C38)	21.120	2902631	18.494 ug/ml
22) T n-Tetracontane (C40)	22.017	2771754	18.154 ug/ml

(f)=RT Delta > 1/2 Window

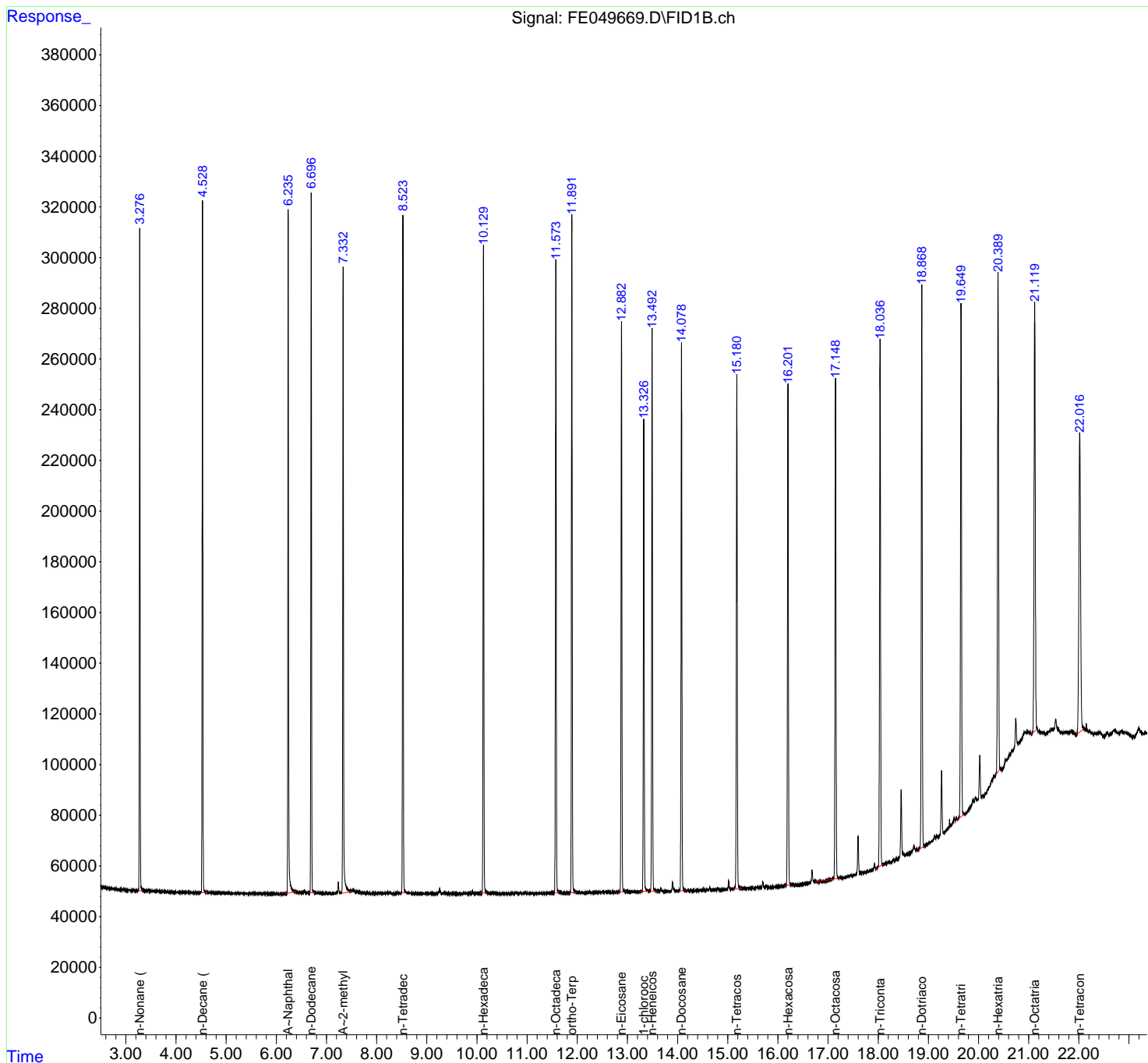
(m)=manual int.

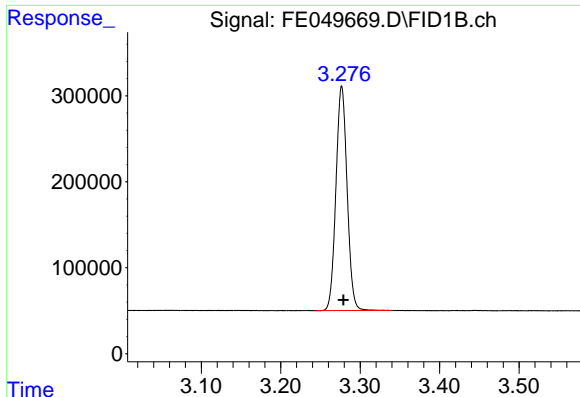
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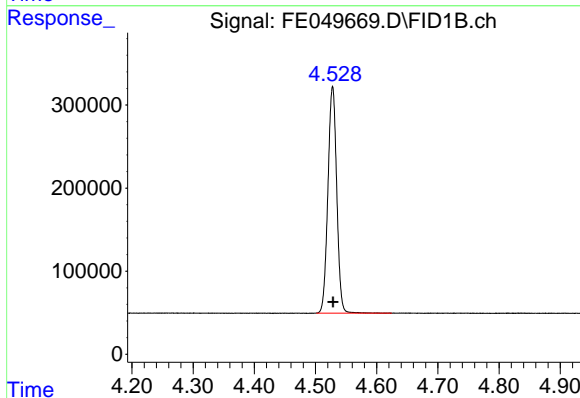




#1 n-Nonane (C9)

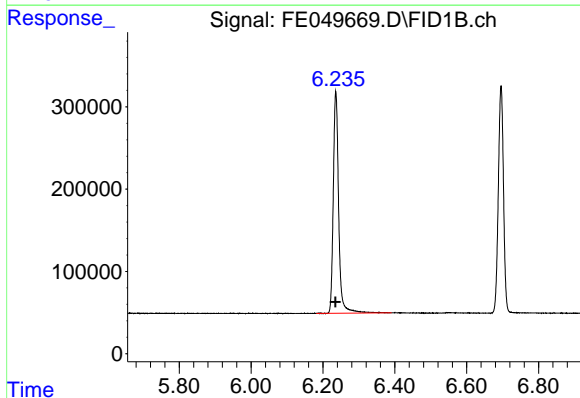
R.T.: 3.277 min
 Delta R.T.: -0.002 min
 Response: 2554708
 Conc: 16.51 ug/ml

Instrument :
 FID_E
 ClientSampleId :



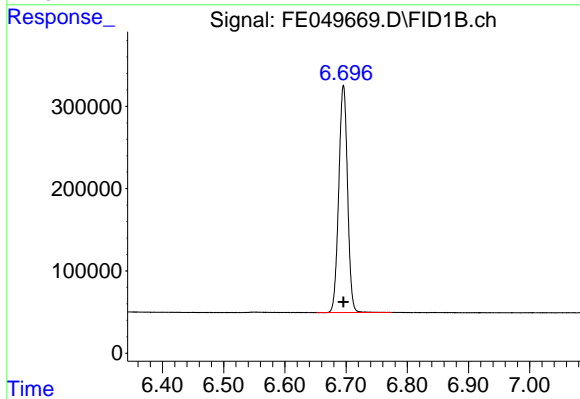
#2 n-Decane (C10)

R.T.: 4.528 min
 Delta R.T.: 0.000 min
 Response: 2725003
 Conc: 17.26 ug/ml



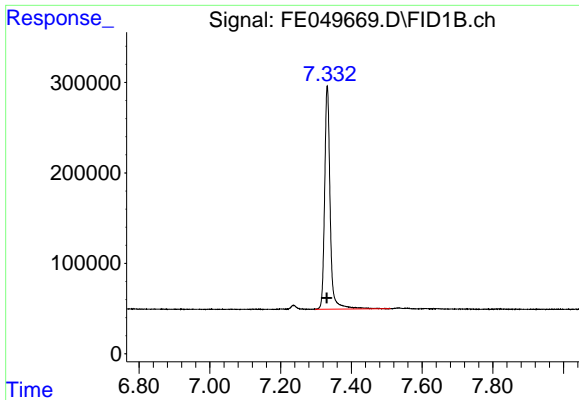
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
 Delta R.T.: 0.000 min
 Response: 2791076
 Conc: 17.39 ug/ml



#4 n-Dodecane (C12)

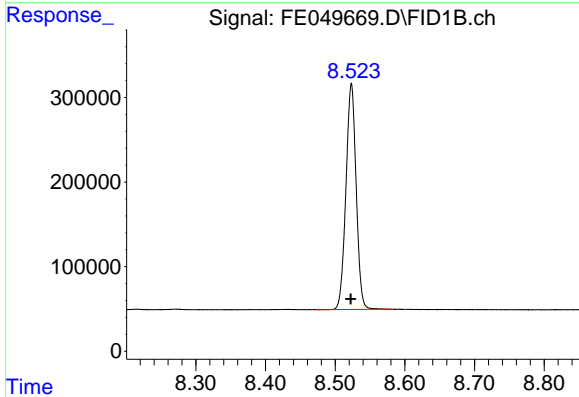
R.T.: 6.696 min
 Delta R.T.: 0.000 min
 Response: 2755904
 Conc: 17.53 ug/ml



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

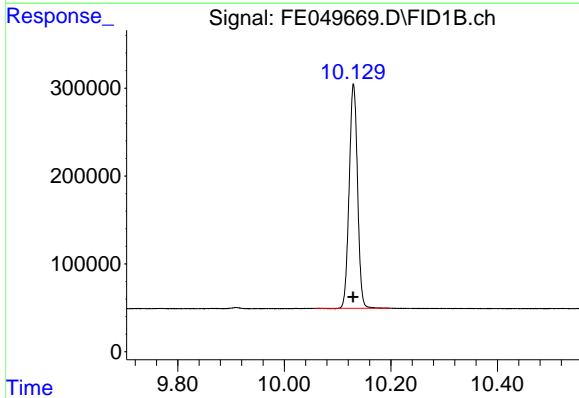
R.T.: 7.332 min
 Delta R.T.: 0.001 min
 Response: 2672810
 Conc: 17.85 ug/ml

Instrument :
 FID_E
 ClientSampleId :



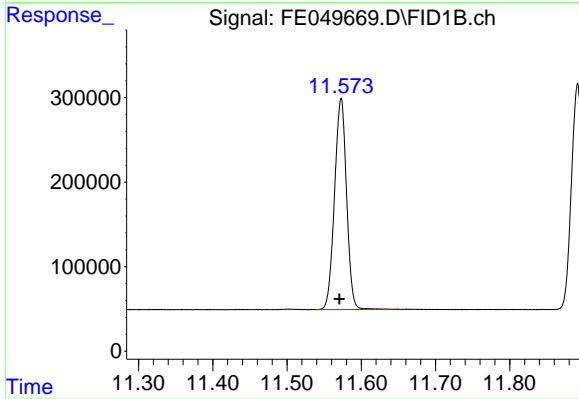
#6 n-Tetradecane (C14)

R.T.: 8.523 min
 Delta R.T.: 0.000 min
 Response: 2720007
 Conc: 17.62 ug/ml



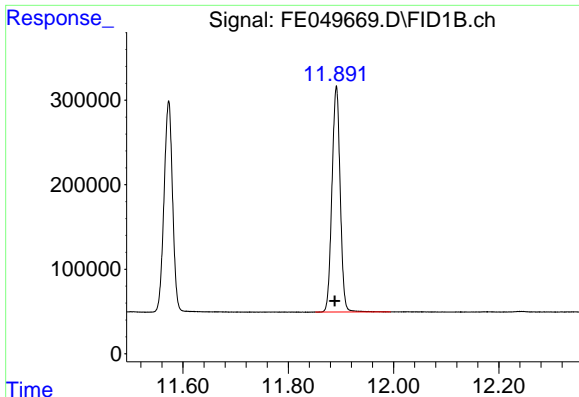
#7 n-Hexadecane (C16)

R.T.: 10.130 min
 Delta R.T.: 0.001 min
 Response: 2778815
 Conc: 17.79 ug/ml



#8 n-Octadecane (C18)

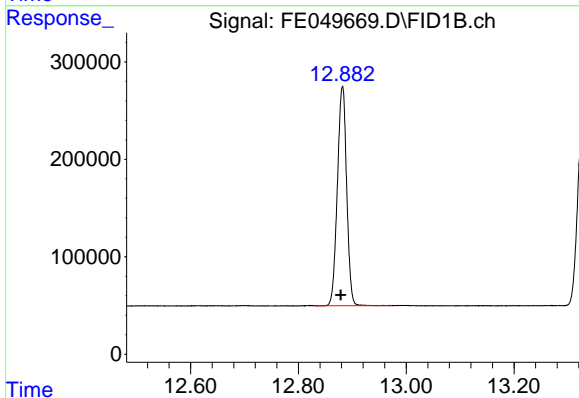
R.T.: 11.573 min
 Delta R.T.: 0.002 min
 Response: 2805533
 Conc: 17.86 ug/ml



#9 ortho-Terphenyl (SURR)

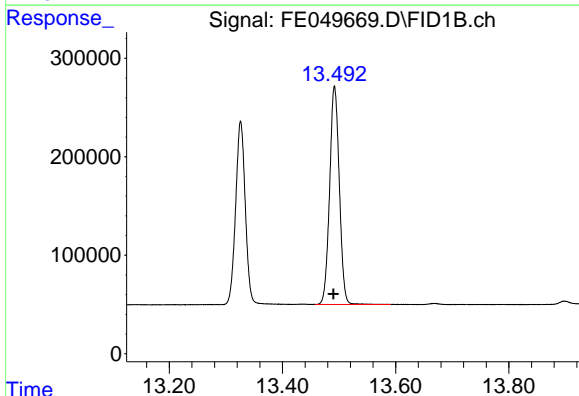
R.T.: 11.891 min
 Delta R.T.: 0.003 min
 Response: 2892593
 Conc: 17.89 ug/ml

Instrument :
 FID_E
 ClientSampleId :



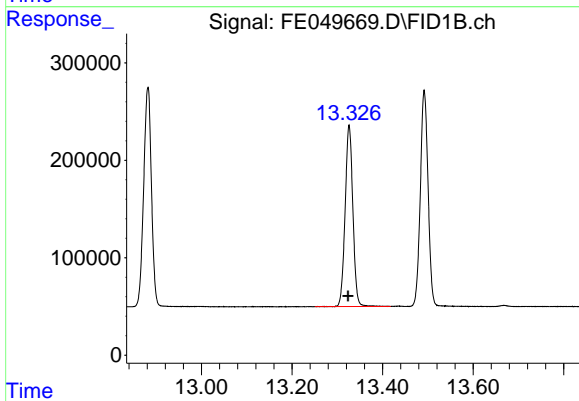
#10 n-Eicosane (C20)

R.T.: 12.882 min
 Delta R.T.: 0.003 min
 Response: 2683540
 Conc: 17.97 ug/ml



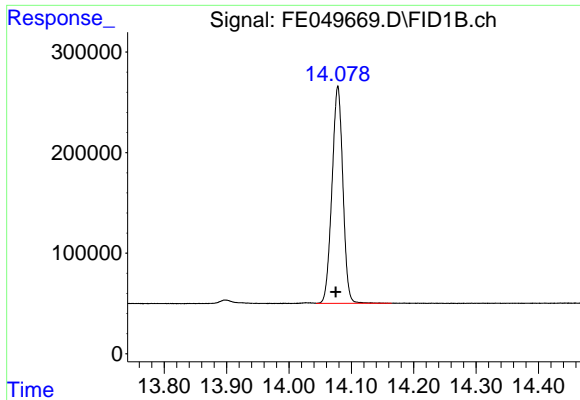
#11 n-Heneicosane (C21)

R.T.: 13.492 min
 Delta R.T.: 0.002 min
 Response: 2635047
 Conc: 17.96 ug/ml



#12 1-chlorooctadecane (SURR)

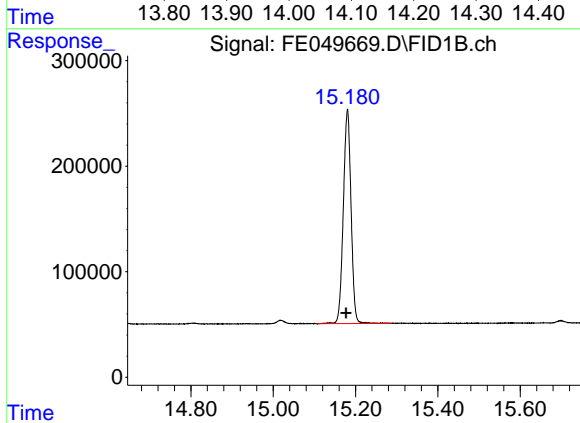
R.T.: 13.326 min
 Delta R.T.: 0.003 min
 Response: 2202531
 Conc: 18.05 ug/ml



#13 n-Docosane (C22)

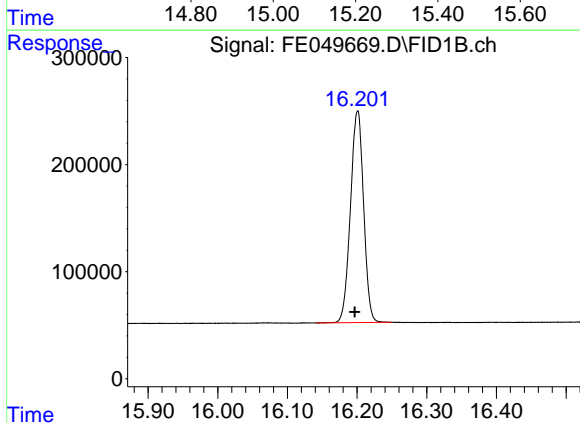
R.T.: 14.078 min
 Delta R.T.: 0.003 min
 Response: 2614956
 Conc: 17.94 ug/ml

Instrument :
 FID_E
 ClientSampleId :



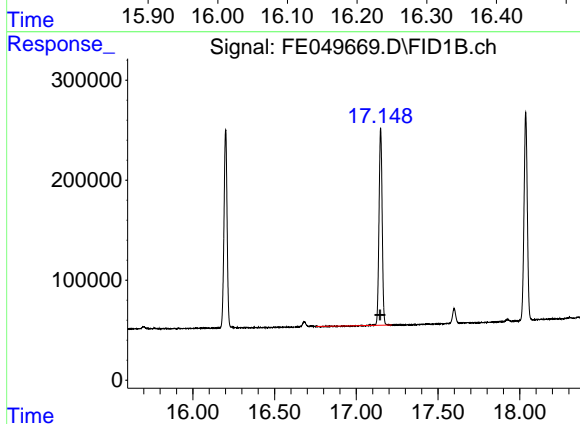
#14 n-Tetracosane (C24)

R.T.: 15.180 min
 Delta R.T.: 0.003 min
 Response: 2638318
 Conc: 18.14 ug/ml



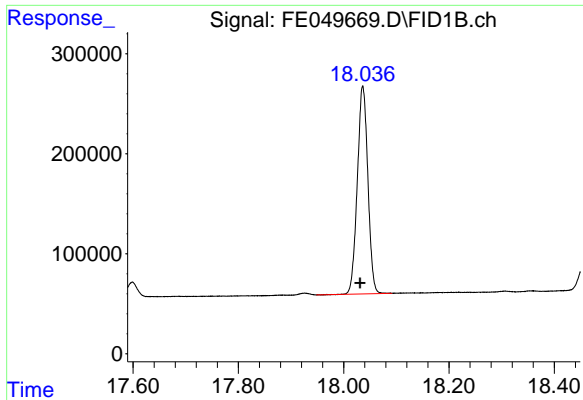
#15 n-Hexacosane (C26)

R.T.: 16.201 min
 Delta R.T.: 0.004 min
 Response: 2594667
 Conc: 17.98 ug/ml



#16 n-Octacosane (C28)

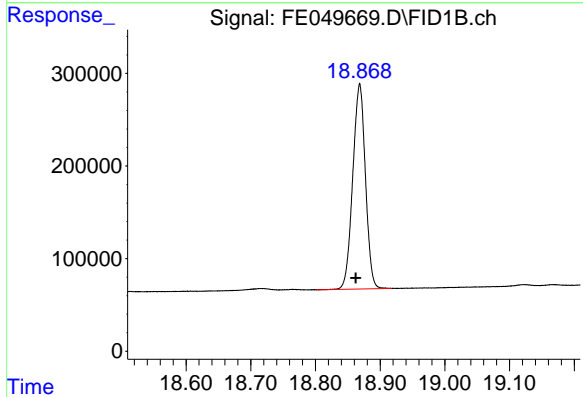
R.T.: 17.149 min
 Delta R.T.: 0.004 min
 Response: 2622264
 Conc: 18.21 ug/ml



#17 n-Tricontane (C30)

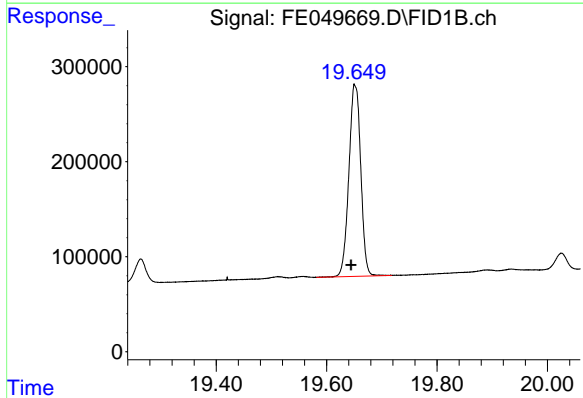
R.T.: 18.036 min
 Delta R.T.: 0.005 min
 Response: 2889812
 Conc: 19.30 ug/ml

Instrument :
 FID_E
 ClientSampleId :



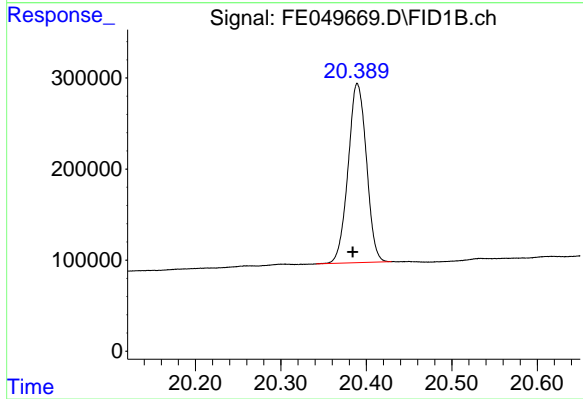
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
 Delta R.T.: 0.006 min
 Response: 3011025
 Conc: 19.90 ug/ml



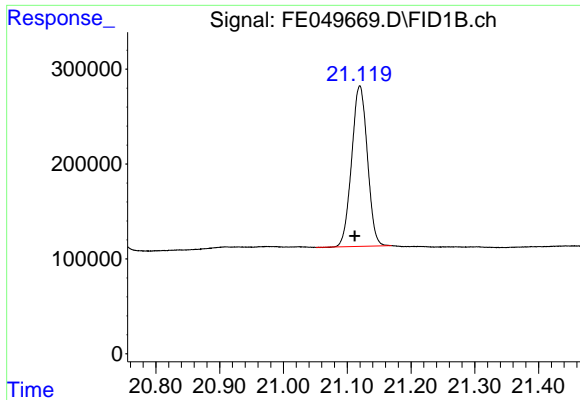
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
 Delta R.T.: 0.007 min
 Response: 3008151
 Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

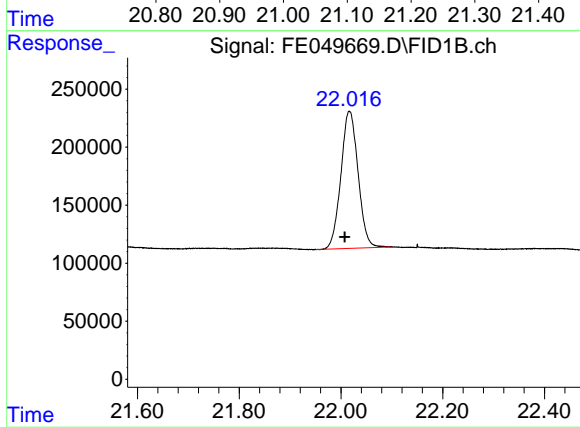
R.T.: 20.390 min
 Delta R.T.: 0.006 min
 Response: 2933691
 Conc: 19.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: 0.008 min
Response: 2902631
Conc: 18.49 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: 0.009 min
Response: 2771754
Conc: 18.15 ug/ml