

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111524AL\
 Data File : FE051276.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2024 22:50
 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: Nov 16 08:23:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.845	2913369	19.410 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	13.279	2202856	19.403 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T n-Nonane (C9)	3.233	2777243	20.071 ug/ml
2) T n-Decane (C10)	4.484	2807539	20.028 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2602161	19.736 ug/ml
4) T n-Dodecane (C12)	6.652	2813889	19.929 ug/ml
5) T A~2-methylnaphthalene...	7.295	2390276	19.108 ug/ml
6) T n-Tetradecane (C14)	8.479	2738660	19.651 ug/ml
7) T n-Hexadecane (C16)	10.084	2773750	19.546 ug/ml
8) T n-Octadecane (C18)	11.525	2786723	19.514 ug/ml
10) T n-Eicosane (C20)	12.832	2665467	19.477 ug/ml
11) T n-Heneicosane (C21)	13.443	2613739	19.557 ug/ml
13) T n-Docosane (C22)	14.029	2595584	19.523 ug/ml
14) T n-Tetracosane (C24)	15.131	2602434	19.618 ug/ml
15) T n-Hexacosane (C26)	16.149	2616527	19.545 ug/ml
16) T n-Octacosane (C28)	17.098	2652553	19.457 ug/ml
17) T n-Tricontane (C30)	17.984	2771409	19.075 ug/ml
18) T n-Dotriacontane (C32)	18.814	2747758	18.506 ug/ml
19) T n-Tetratriacontane (C34)	19.598	2468751	18.373 ug/ml
20) T n-Hexatriacontane (C36)	20.336	2102578	17.622 ug/ml
21) T n-Octatriacontane (C38)	21.060	1874384	16.469 ug/ml
22) T n-Tetracontane (C40)	21.940	1598583	14.373 ug/ml

(f)=RT Delta > 1/2 Window

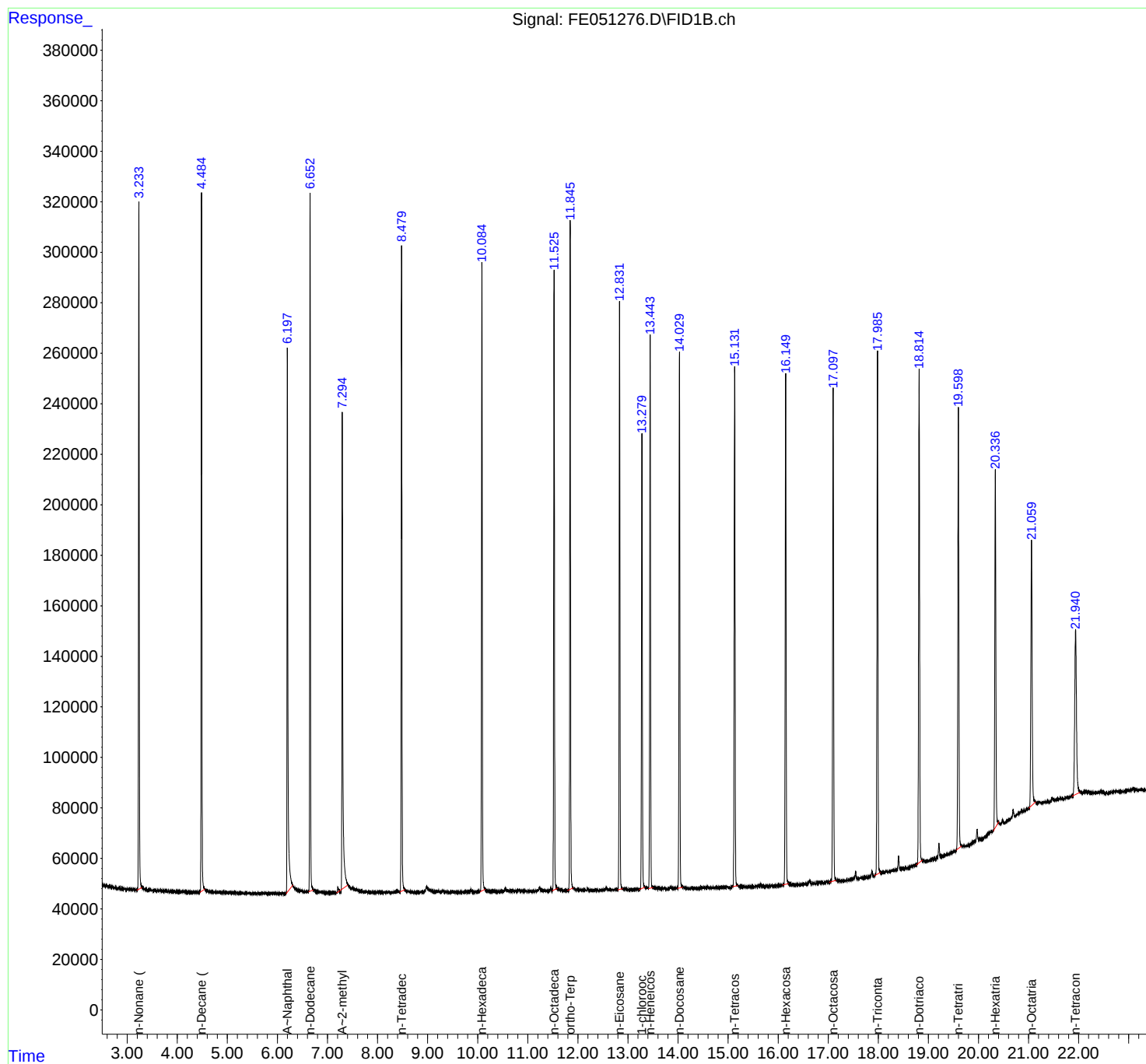
(m)=manual int.

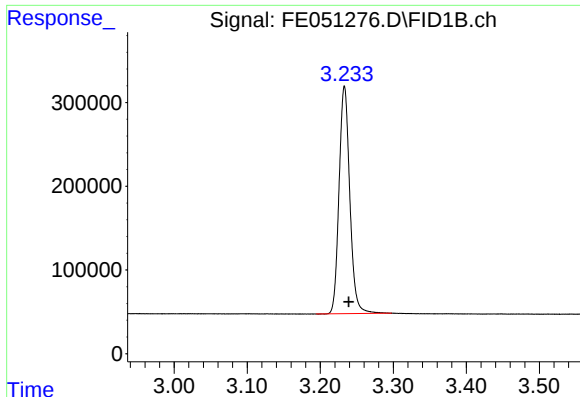
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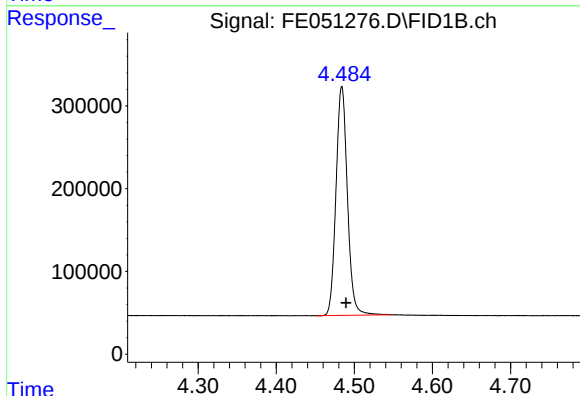




#1 n-Nonane (C9)

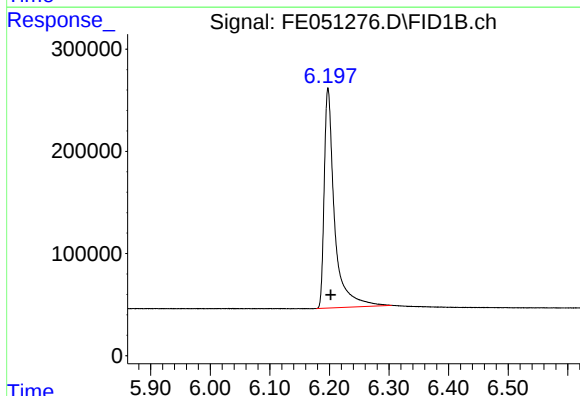
R.T.: 3.233 min
Delta R.T.: -0.006 min
Response: 2777243
Conc: 20.07 ug/ml

Instrument :
FID_E
ClientSampleId :



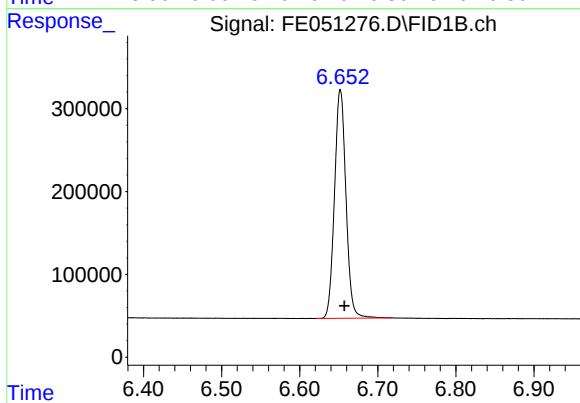
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 2807539
Conc: 20.03 ug/ml



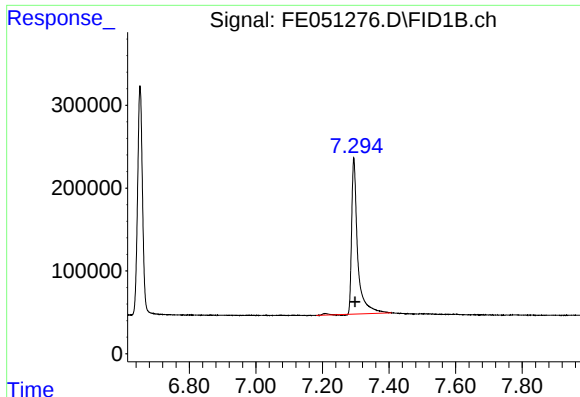
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 2602161
Conc: 19.74 ug/ml



#4 n-Dodecane (C12)

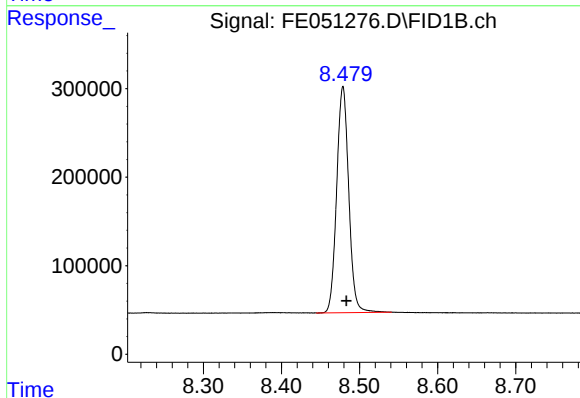
R.T.: 6.652 min
Delta R.T.: -0.005 min
Response: 2813889
Conc: 19.93 ug/ml



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

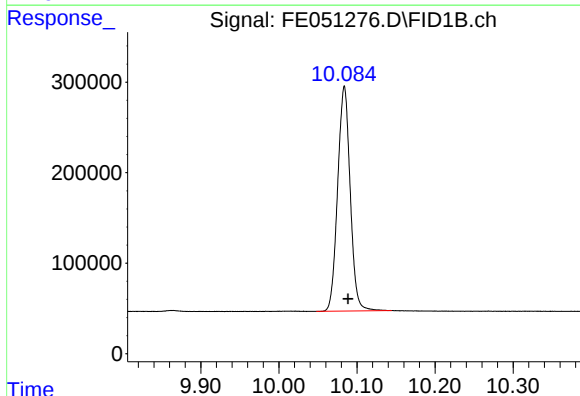
R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 2390276
Conc: 19.11 ug/ml

Instrument :
FID_E
ClientSampleId :



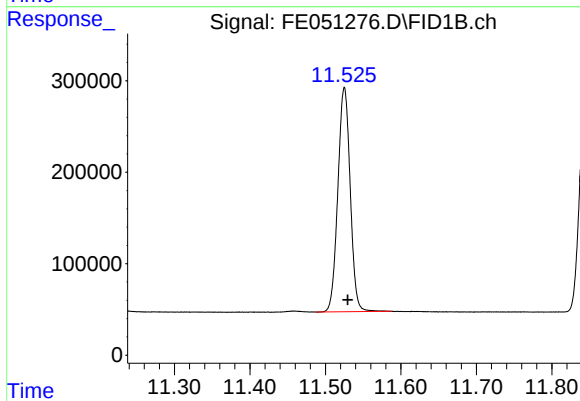
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.005 min
Response: 2738660
Conc: 19.65 ug/ml



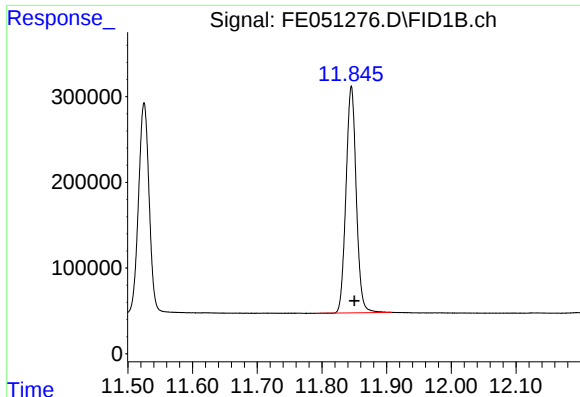
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.005 min
Response: 2773750
Conc: 19.55 ug/ml



#8 n-Octadecane (C18)

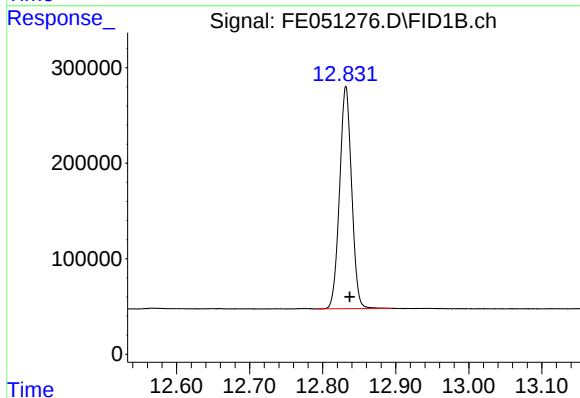
R.T.: 11.525 min
Delta R.T.: -0.005 min
Response: 2786723
Conc: 19.51 ug/ml



#9 ortho-Terphenyl (SURR)

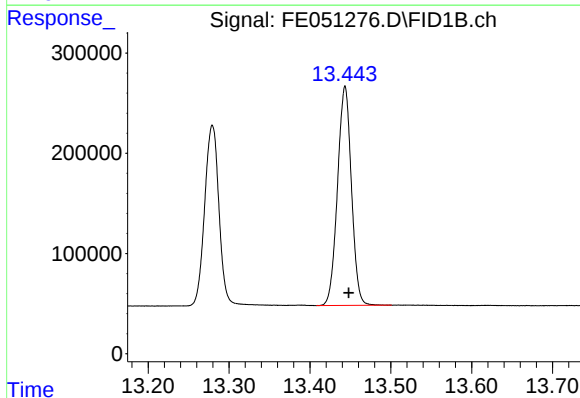
R.T.: 11.845 min
Delta R.T.: -0.005 min
Response: 2913369
Conc: 19.41 ug/ml

Instrument :
FID_E
ClientSampleId :



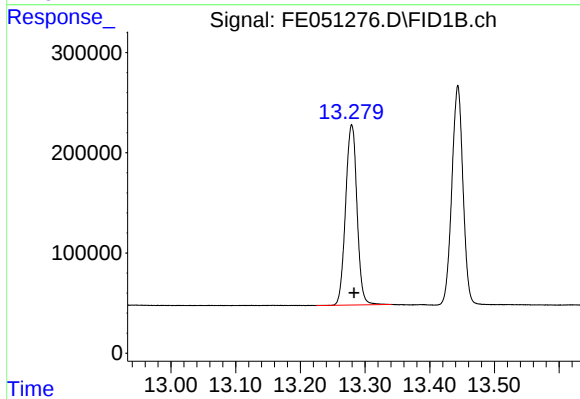
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.005 min
Response: 2665467
Conc: 19.48 ug/ml



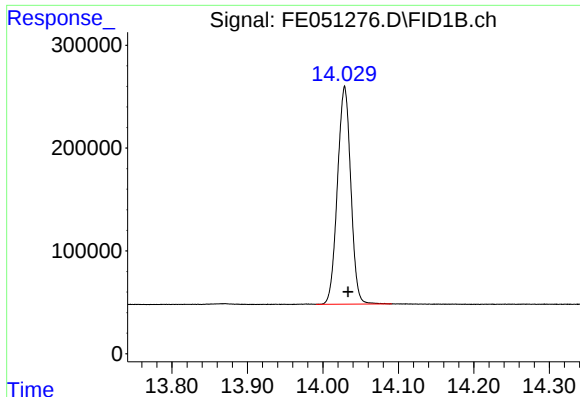
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.004 min
Response: 2613739
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

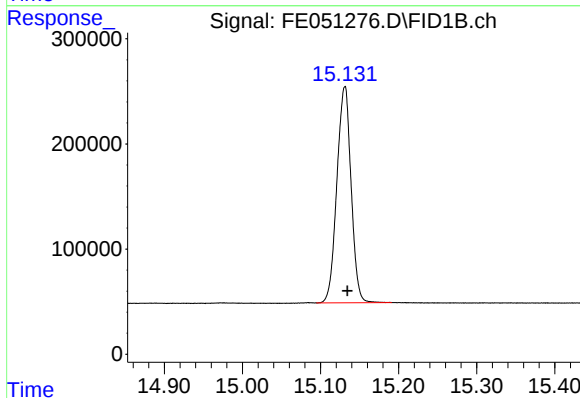
R.T.: 13.279 min
Delta R.T.: -0.004 min
Response: 2202856
Conc: 19.40 ug/ml



#13 n-Docosane (C22)

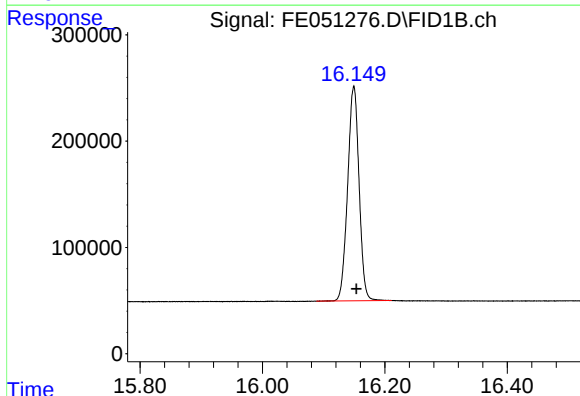
R.T.: 14.029 min
Delta R.T.: -0.005 min
Response: 2595584
Conc: 19.52 ug/ml

Instrument :
FID_E
ClientSampleId :



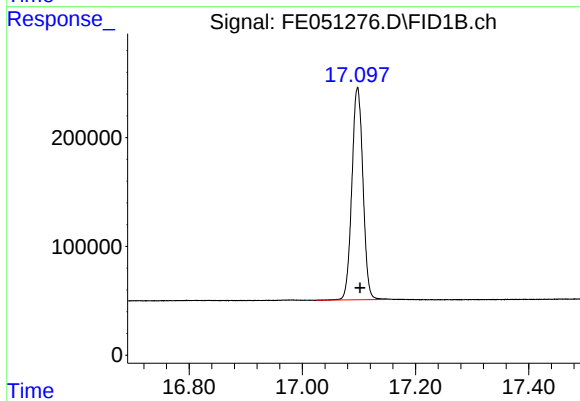
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.004 min
Response: 2602434
Conc: 19.62 ug/ml



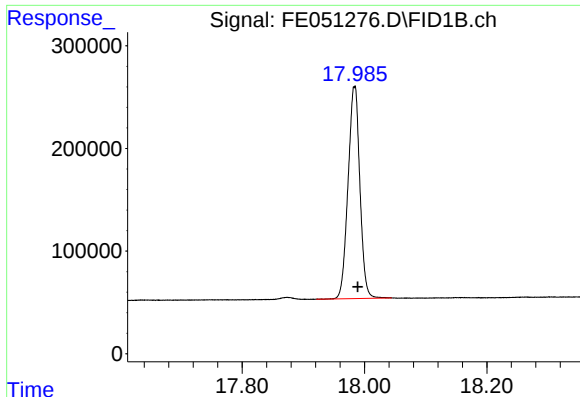
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: -0.004 min
Response: 2616527
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

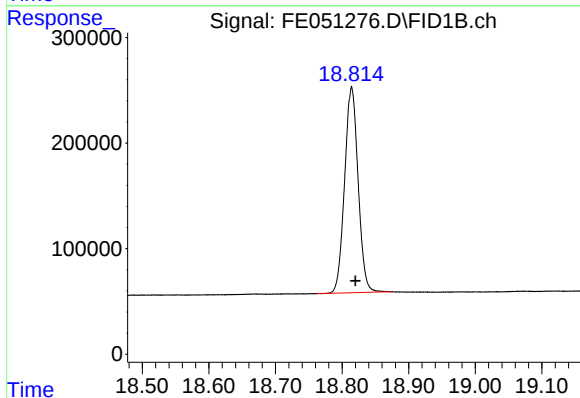
R.T.: 17.098 min
Delta R.T.: -0.005 min
Response: 2652553
Conc: 19.46 ug/ml



#17 n-Tricontane (C30)

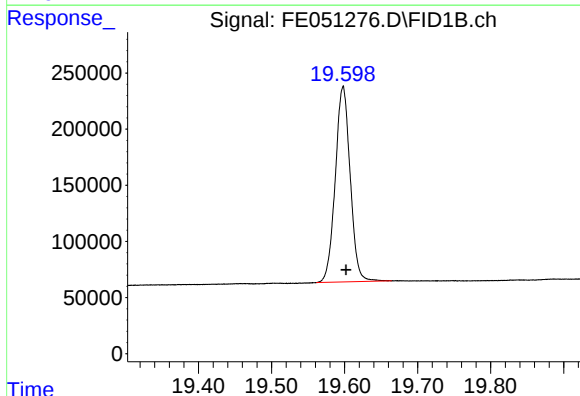
R.T.: 17.984 min
Delta R.T.: -0.005 min
Response: 2771409
Conc: 19.08 ug/ml

Instrument :
FID_E
ClientSampleId :



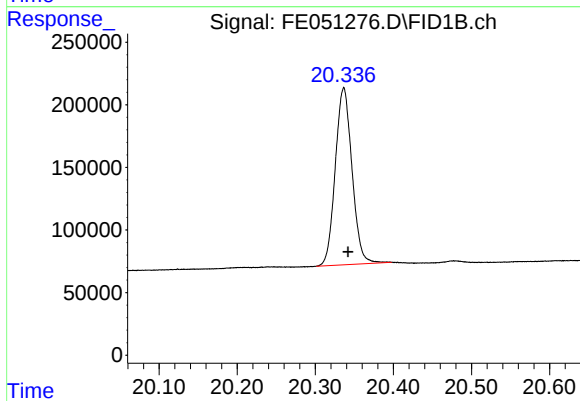
#18 n-Dotriacontane (C32)

R.T.: 18.814 min
Delta R.T.: -0.006 min
Response: 2747758
Conc: 18.51 ug/ml



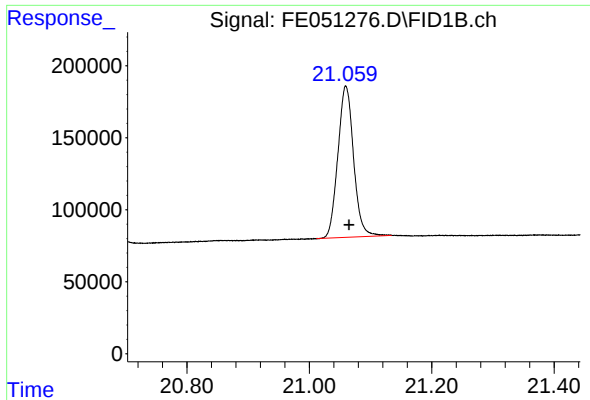
#19 n-Tetratriacontane (C34)

R.T.: 19.598 min
Delta R.T.: -0.005 min
Response: 2468751
Conc: 18.37 ug/ml



#20 n-Hexatriacontane (C36)

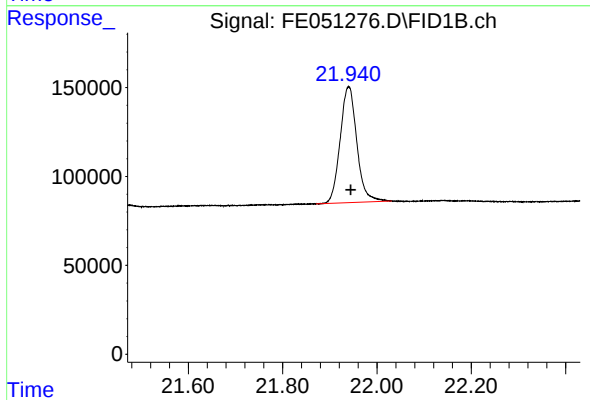
R.T.: 20.336 min
Delta R.T.: -0.005 min
Response: 2102578
Conc: 17.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.060 min
Delta R.T.: -0.005 min
Response: 1874384
Conc: 16.47 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.940 min
Delta R.T.: -0.004 min
Response: 1598583
Conc: 14.37 ug/ml