

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081623AL\
 Data File : FE043980.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2023 10:27
 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 16 23:36:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.952	3813002	18.503 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
12) S 1-chlorooctadecane (S...	13.390	2849517	18.261 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
Target Compounds			
1) T n-Nonane (C9)	3.341	3282159	20.325 ug/ml
2) T n-Decane (C10)	4.592	3378659	20.500 ug/ml
3) T A~Naphthalene (C11.7)	6.294	3703156	20.339 ug/ml
4) T n-Dodecane (C12)	6.755	3429549	20.492 ug/ml
5) T A~2-methylnaphthalene...	7.389	3577578	20.096 ug/ml
6) T n-Tetradecane (C14)	8.582	3414740	20.268 ug/ml
7) T n-Hexadecane (C16)	10.190	3497169	19.825 ug/ml
8) T n-Octadecane (C18)	11.634	3488946	19.260 ug/ml
10) T n-Eicosane (C20)	12.945	3310533	18.707 ug/ml
11) T n-Heneicosane (C21)	13.557	3229024	18.237 ug/ml
13) T n-Docosane (C22)	14.144	3180614	18.133 ug/ml
14) T n-Tetracosane (C24)	15.248	3109102	17.695 ug/ml
15) T n-Hexacosane (C26)	16.269	2998441	17.349 ug/ml
16) T n-Octacosane (C28)	17.221	2854811	17.062 ug/ml
17) T n-Tricontane (C30)	18.109	2868202	17.317 ug/ml
18) T n-Dotriacontane (C32)	18.943	2788097	17.658 ug/ml
19) T n-Tetratriacontane (C34)	19.728	2730638	18.376 ug/ml
20) T n-Hexatriacontane (C36)	20.470	2739053	19.596 ug/ml
21) T n-Octatriacontane (C38)	21.216	2725748	20.432 ug/ml
22) T n-Tetracontane (C40)	22.147	3117281	24.160 ug/ml

(f)=RT Delta > 1/2 Window

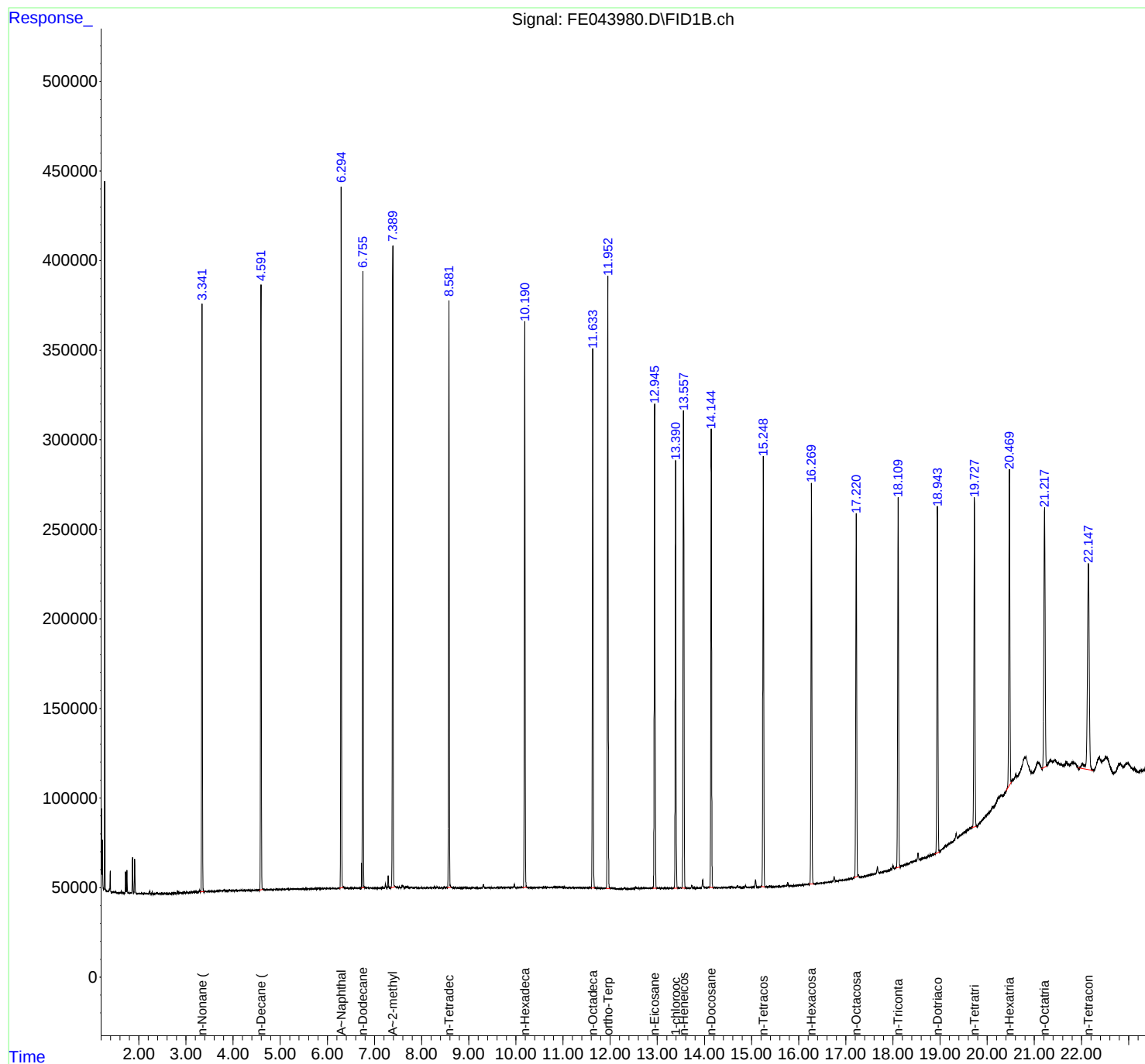
(m)=manual int.

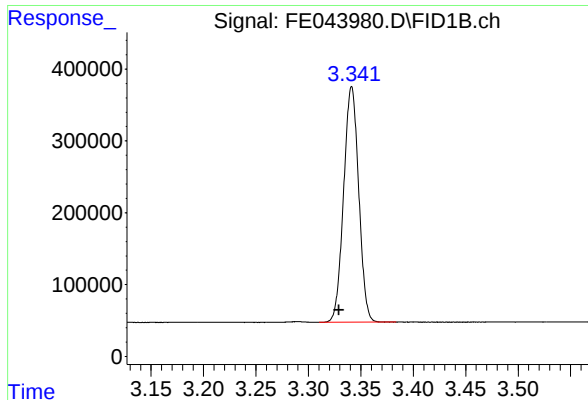
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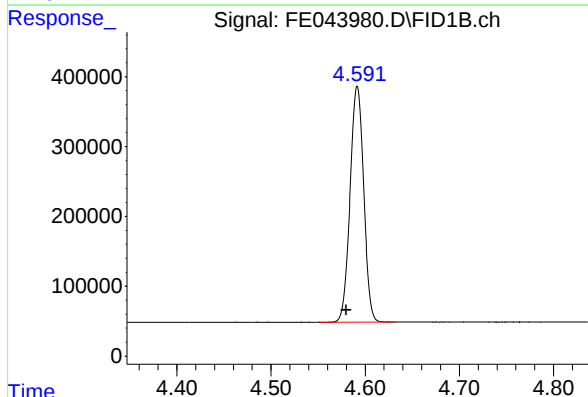




#1 n-Nonane (C9)

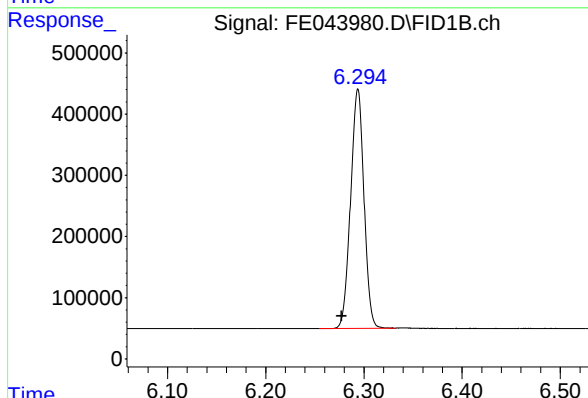
R.T.: 3.341 min
Delta R.T.: 0.012 min
Response: 3282159
Conc: 20.32 ug/ml

Instrument :
FID_E
ClientSampleId :



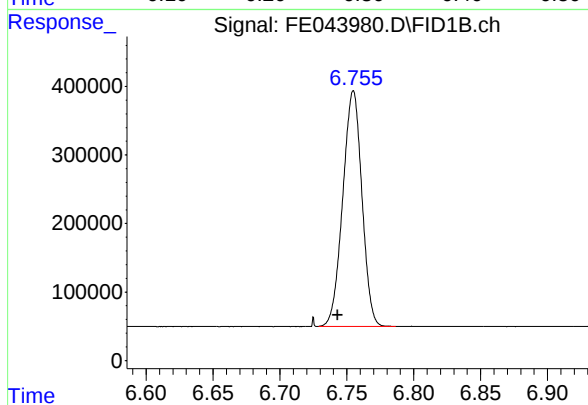
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: 0.012 min
Response: 3378659
Conc: 20.50 ug/ml



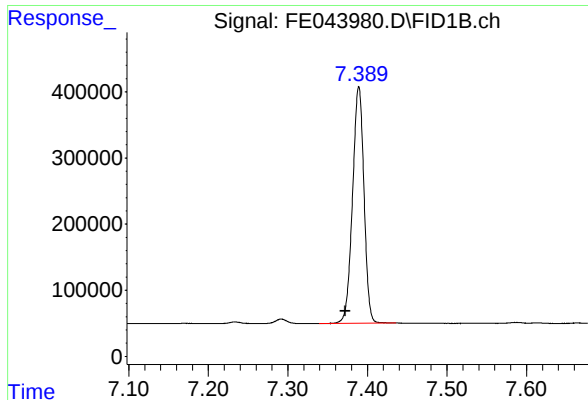
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: 0.017 min
Response: 3703156
Conc: 20.34 ug/ml



#4 n-Dodecane (C12)

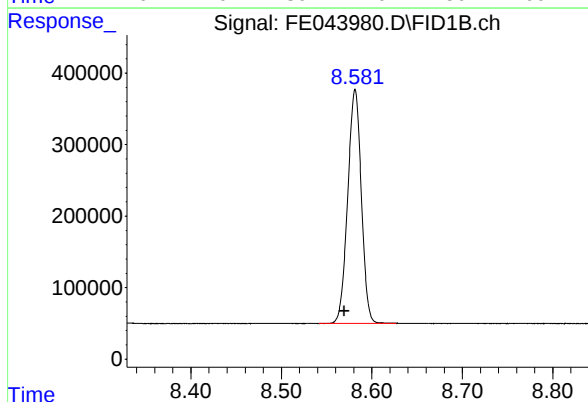
R.T.: 6.755 min
Delta R.T.: 0.012 min
Response: 3429549
Conc: 20.49 ug/ml



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

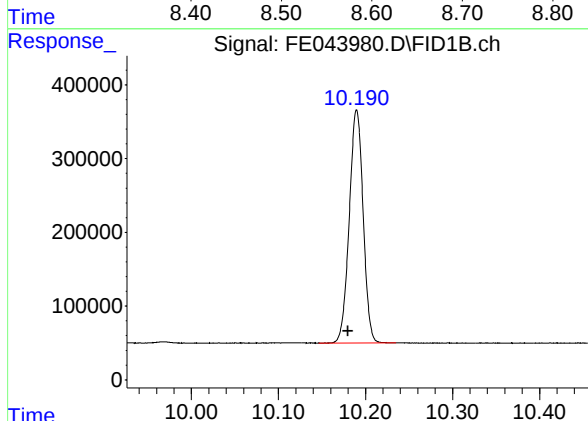
R.T.: 7.389 min
Delta R.T.: 0.017 min
Response: 3577578
Conc: 20.10 ug/ml

Instrument :
FID_E
ClientSampleId :



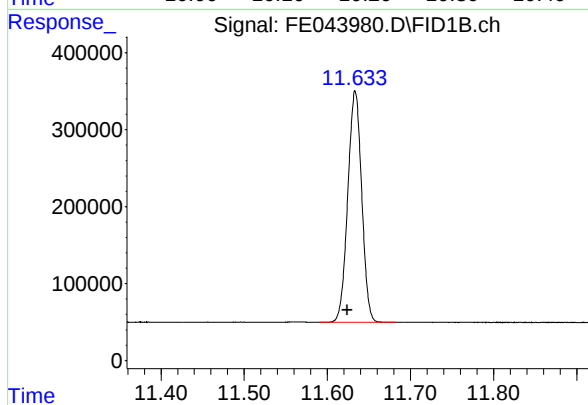
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: 0.012 min
Response: 3414740
Conc: 20.27 ug/ml



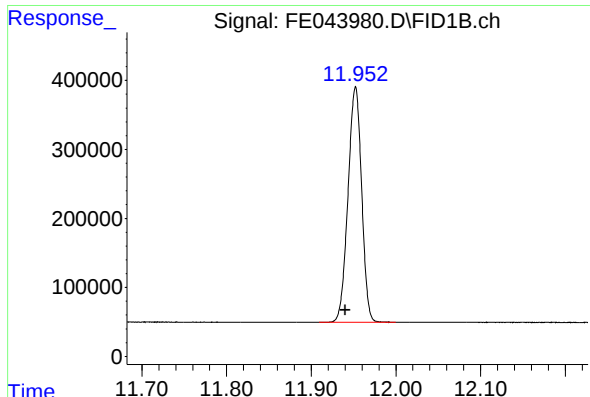
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: 0.010 min
Response: 3497169
Conc: 19.83 ug/ml



#8 n-Octadecane (C18)

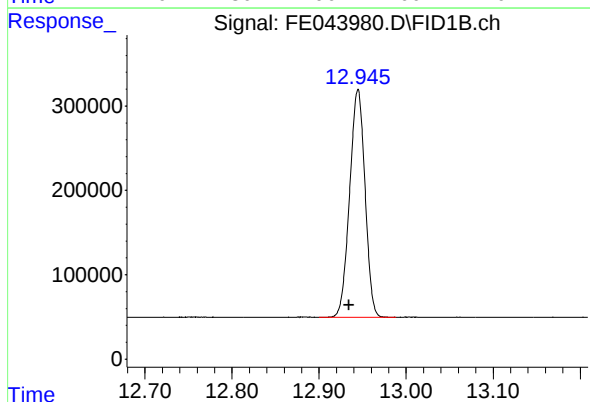
R.T.: 11.634 min
Delta R.T.: 0.010 min
Response: 3488946
Conc: 19.26 ug/ml



#9 ortho-Terphenyl (SURR)

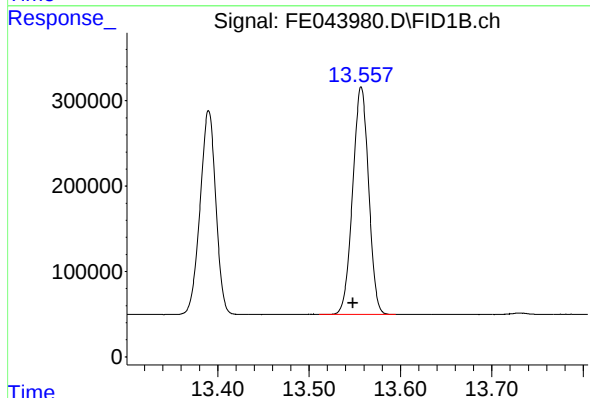
R.T.: 11.952 min
Delta R.T.: 0.012 min
Response: 3813002
Conc: 18.50 ug/ml

Instrument :
FID_E
ClientSampleId :



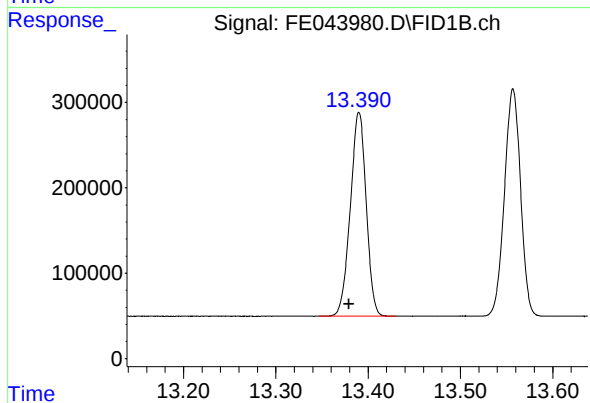
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: 0.010 min
Response: 3310533
Conc: 18.71 ug/ml



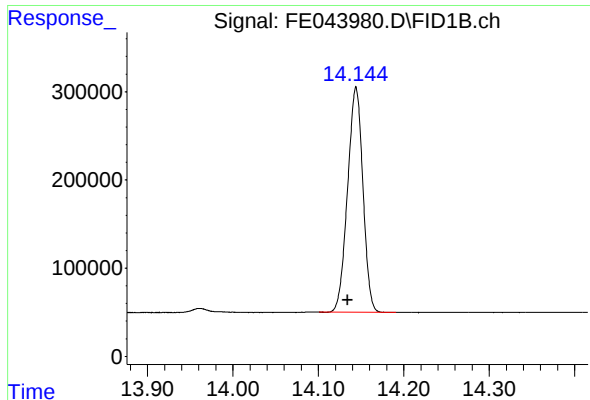
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.009 min
Response: 3229024
Conc: 18.24 ug/ml



#12 1-chlorooctadecane (SURR)

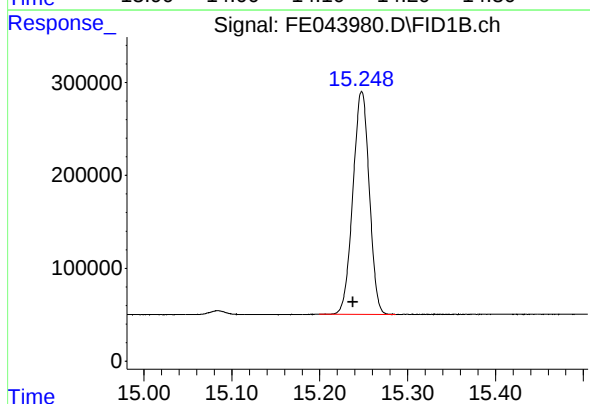
R.T.: 13.390 min
Delta R.T.: 0.011 min
Response: 2849517
Conc: 18.26 ug/ml



#13 n-Docosane (C22)

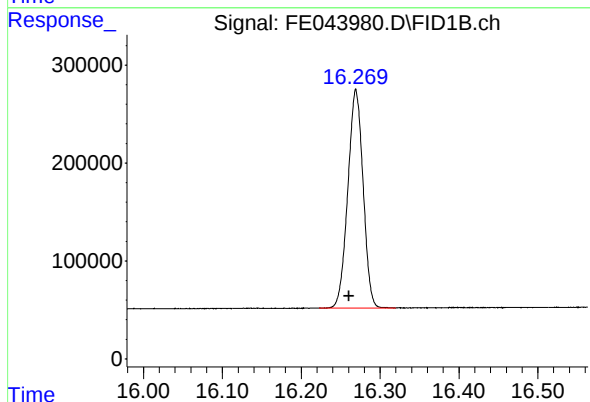
R.T.: 14.144 min
Delta R.T.: 0.010 min
Response: 3180614
Conc: 18.13 ug/ml

Instrument :
FID_E
ClientSampleId :



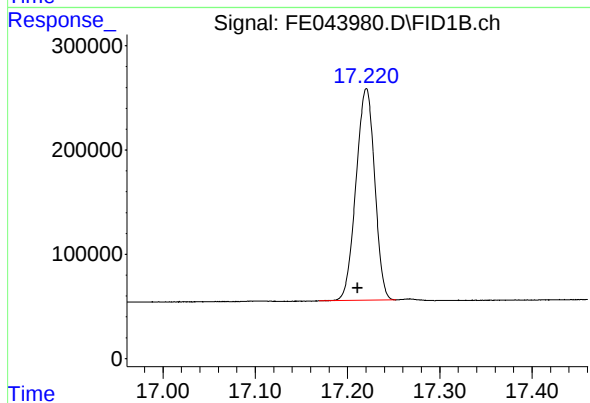
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: 0.010 min
Response: 3109102
Conc: 17.70 ug/ml



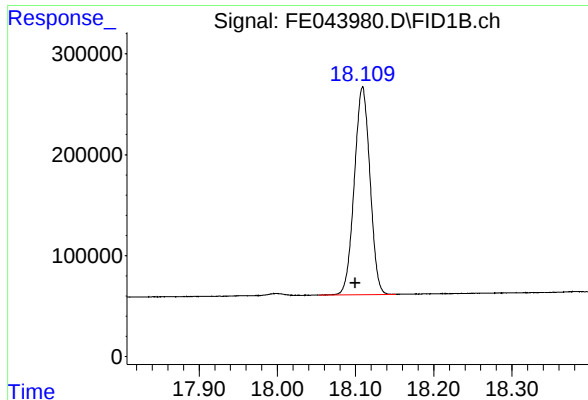
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: 0.009 min
Response: 2998441
Conc: 17.35 ug/ml



#16 n-Octacosane (C28)

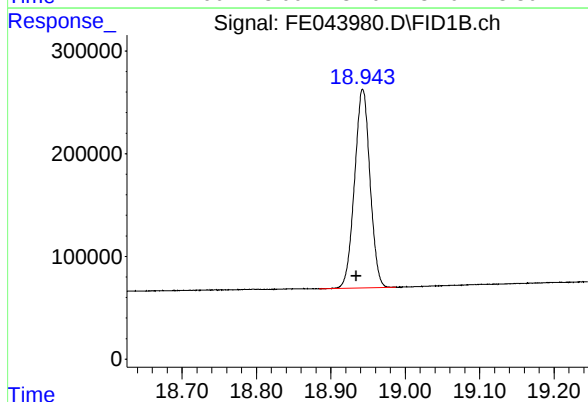
R.T.: 17.221 min
Delta R.T.: 0.010 min
Response: 2854811
Conc: 17.06 ug/ml



#17 n-Tricontane (C30)

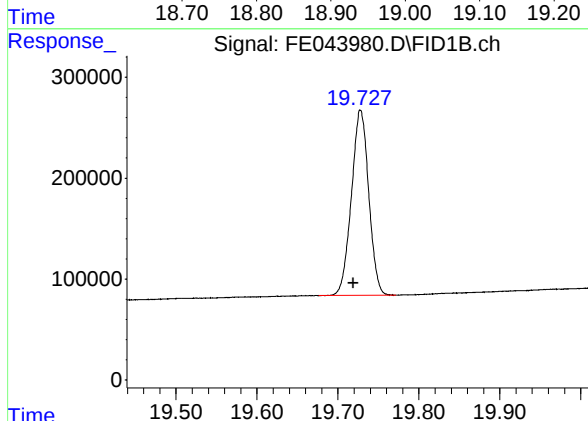
R.T.: 18.109 min
Delta R.T.: 0.009 min
Response: 2868202
Conc: 17.32 ug/ml

Instrument :
FID_E
ClientSampleId :



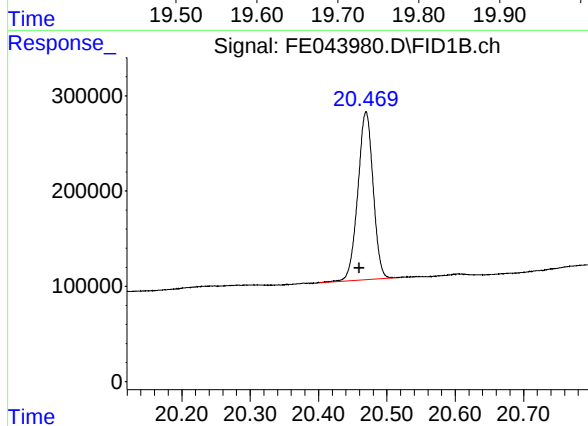
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: 0.009 min
Response: 2788097
Conc: 17.66 ug/ml



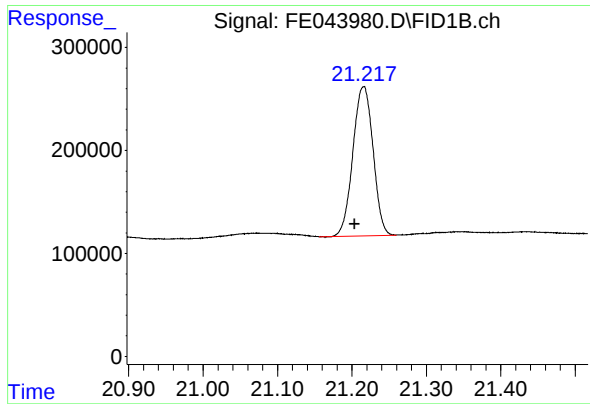
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: 0.009 min
Response: 2730638
Conc: 18.38 ug/ml



#20 n-Hexatriacontane (C36)

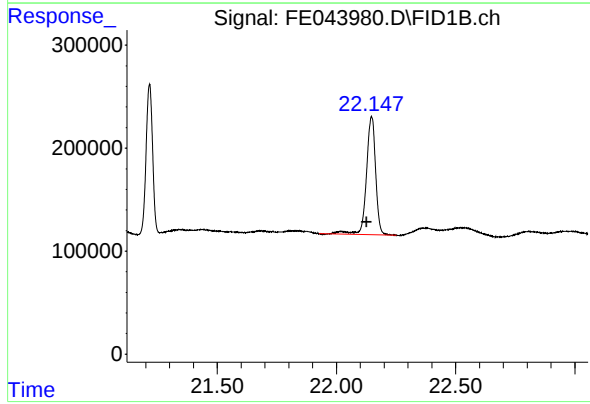
R.T.: 20.470 min
Delta R.T.: 0.010 min
Response: 2739053
Conc: 19.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: 0.012 min
Response: 2725748
Conc: 20.43 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: 0.020 min
Response: 3117281
Conc: 24.16 ug/ml