

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052532.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 13:51
 Operator : YP\AJ
 Sample : PB166886BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166886BSD

Integration File: autoint1.e
 Quant Time: Feb 28 03:20:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 2025
 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)	11.922	6931393	37.080 ug/ml
Spiked Amount 50.000		Recovery =	74.16%
12) S 1-chlorooctadecane (S...	13.367	5566011	40.044 ug/ml
Spiked Amount 50.000		Recovery =	80.09%
Target Compounds			
1) T n-Nonane (C9)	3.265	5878219	38.294 ug/ml
2) T n-Decane (C10)	4.523	6342807	40.610 ug/ml
3) T A~Naphthalene (C11.7)	6.233	7161564	41.452 ug/ml
4) T n-Dodecane (C12)	6.701	6525705	41.343 ug/ml
5) T A~2-methylnaphthalene...	7.336	6540153	38.941 ug/ml
6) T n-Tetradecane (C14)	8.541	6486302	41.179 ug/ml
7) T n-Hexadecane (C16)	10.155	6348085	38.841 ug/ml
8) T n-Octadecane (C18)	11.605	6290837	38.020 ug/ml
10) T n-Eicosane (C20)	12.921	6341302	39.777 ug/ml
11) T n-Heneicosane (C21)	13.535	6071373	38.752 ug/ml
13) T n-Docosane (C22)	14.124	6030579	38.535 ug/ml
14) T n-Tetracosane (C24)	15.217	12280320	78.084 ug/ml
15) T n-Hexacosane (C26)	16.258	5895984	38.066 ug/ml
16) T n-Octacosane (C28)	17.208	5894570	38.536 ug/ml
17) T n-Tricontane (C30)	18.099	5897762	37.782 ug/ml
18) T n-Dotriacontane (C32)	18.933	5785586	37.810 ug/ml
19) T n-Tetratriacontane (C34)	19.719	5663598	39.811 ug/ml
20) T n-Hexatriacontane (C36)	20.460	5203864	41.752 ug/ml
21) T n-Octatriacontane (C38)	21.205	4953781	45.322 ug/ml
22) T n-Tetracontane (C40)	22.129	4770943	47.430 ug/ml

(f)=RT Delta > 1/2 Window

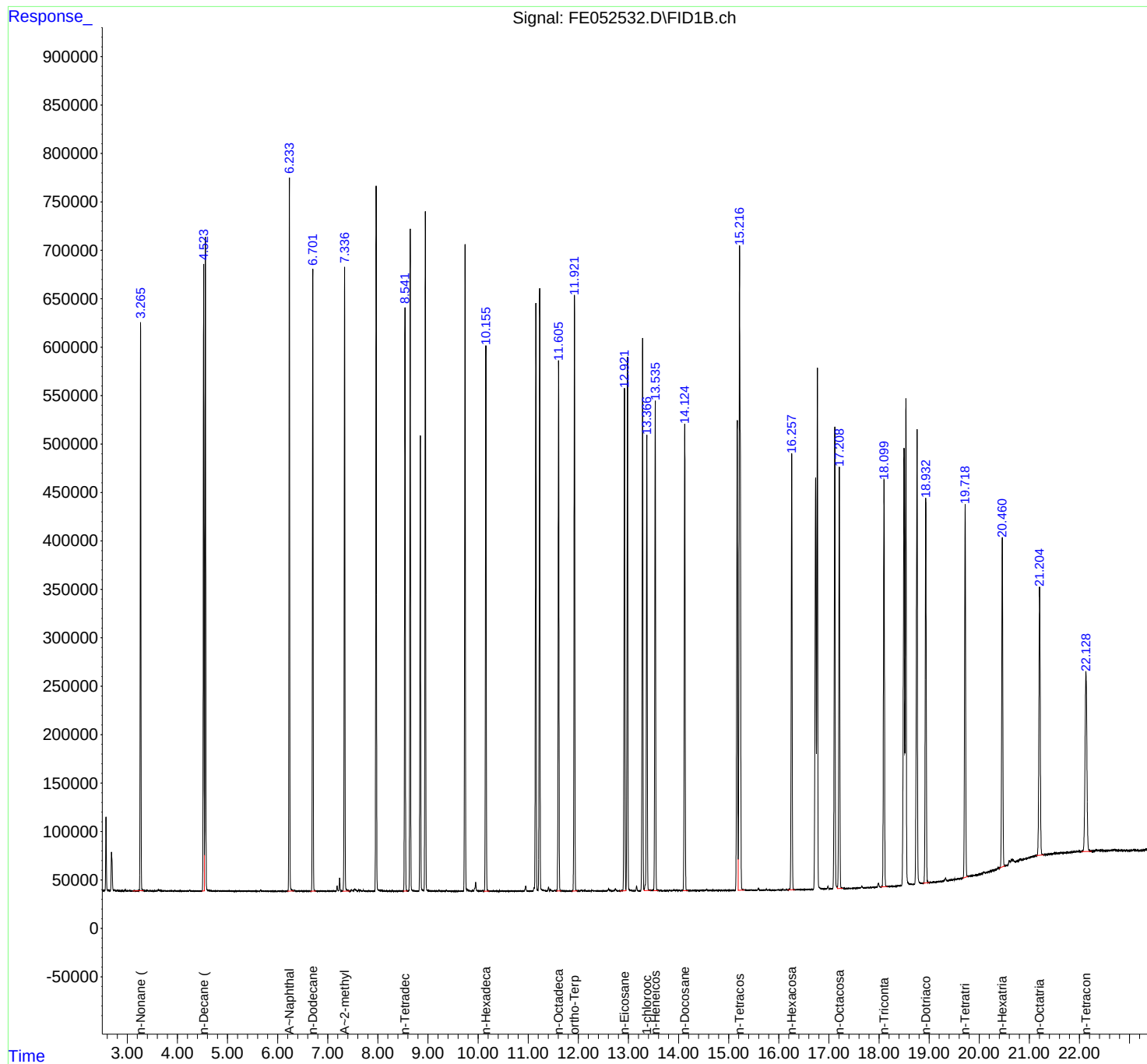
(m)=manual int.

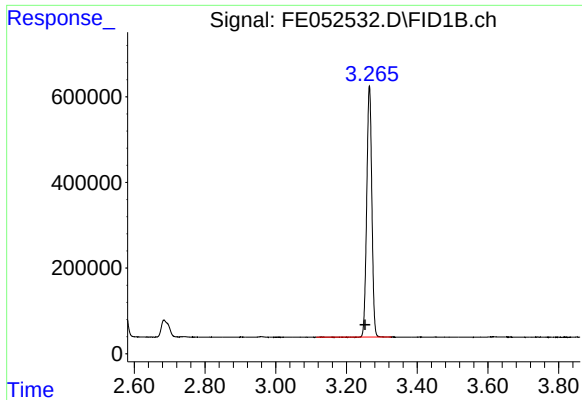
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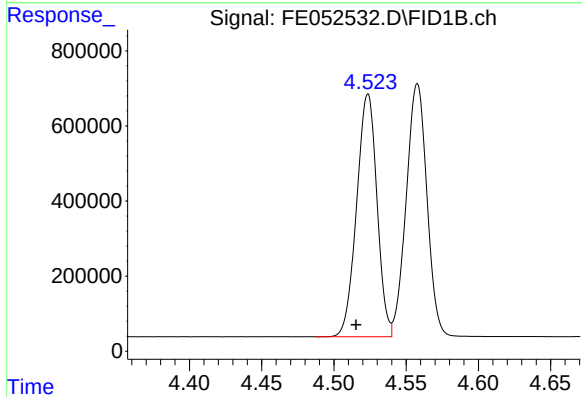




#1 n-Nonane (C9)

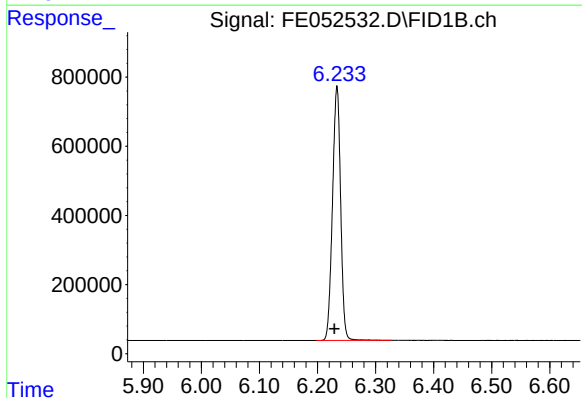
R.T.: 3.265 min
Delta R.T.: 0.012 min
Response: 5878219
Conc: 38.29 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166886BSD



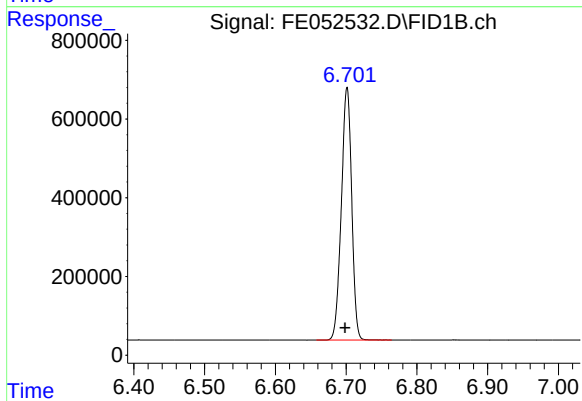
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: 0.008 min
Response: 6342807
Conc: 40.61 ug/ml



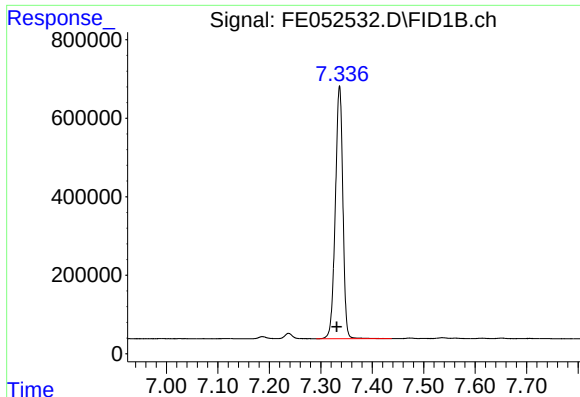
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: 0.004 min
Response: 7161564
Conc: 41.45 ug/ml



#4 n-Dodecane (C12)

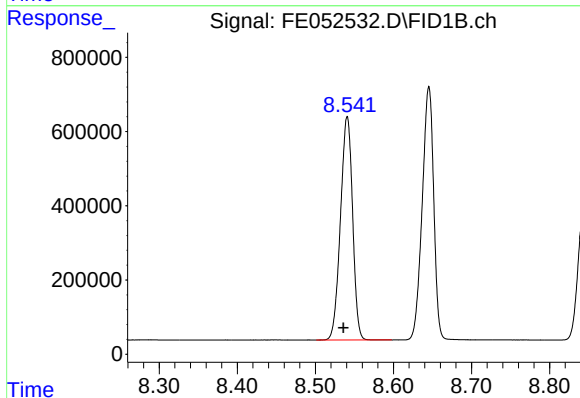
R.T.: 6.701 min
Delta R.T.: 0.003 min
Response: 6525705
Conc: 41.34 ug/ml



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

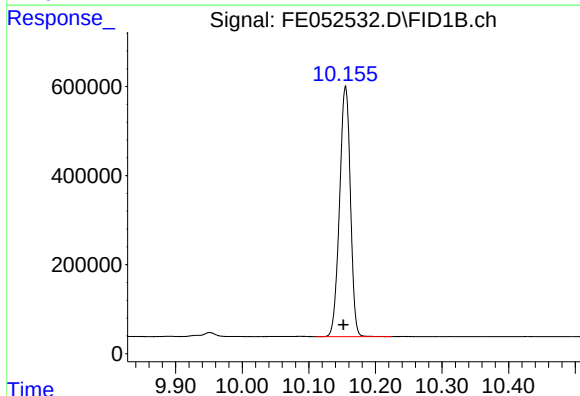
R.T.: 7.336 min
Delta R.T.: 0.005 min
Response: 6540153
Conc: 38.94 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166886BSD



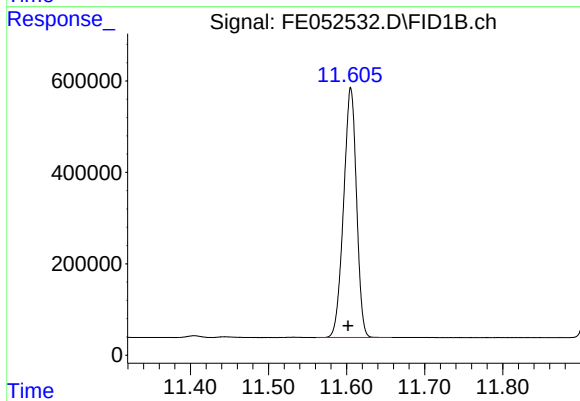
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: 0.005 min
Response: 6486302
Conc: 41.18 ug/ml



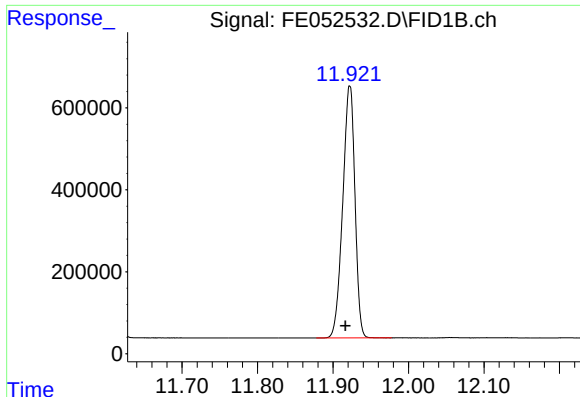
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: 0.003 min
Response: 6348085
Conc: 38.84 ug/ml



#8 n-Octadecane (C18)

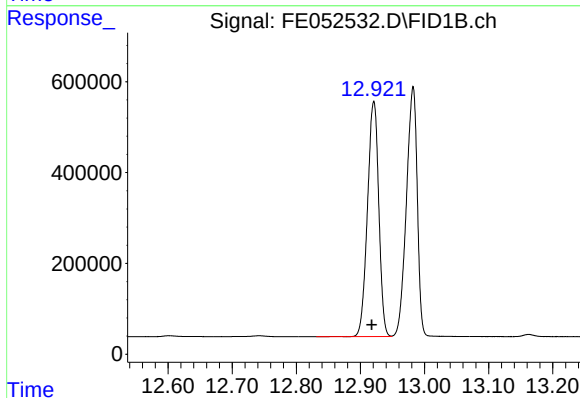
R.T.: 11.605 min
Delta R.T.: 0.003 min
Response: 6290837
Conc: 38.02 ug/ml



#9 ortho-Terphenyl (SURR)

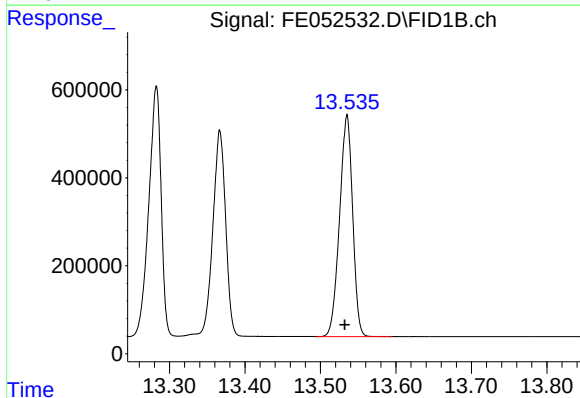
R.T.: 11.922 min
Delta R.T.: 0.005 min
Response: 6931393
Conc: 37.08 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166886BSD



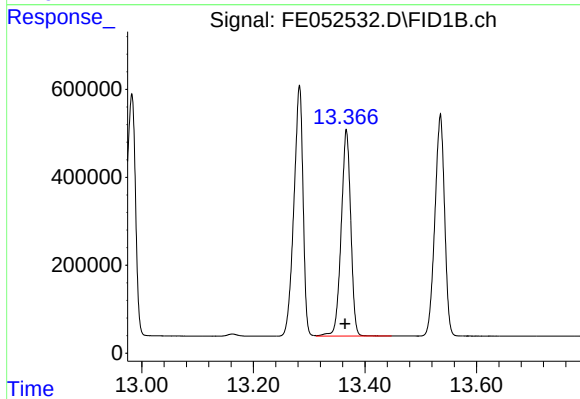
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: 0.003 min
Response: 6341302
Conc: 39.78 ug/ml



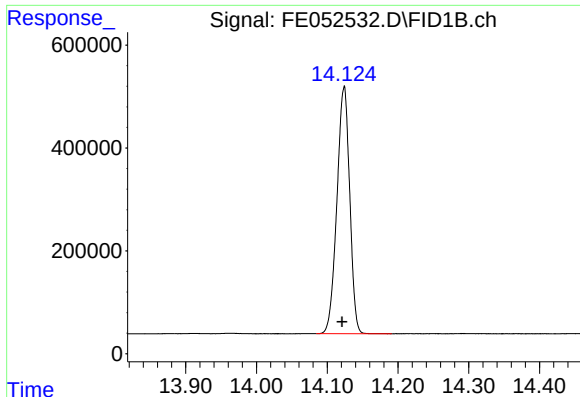
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.003 min
Response: 6071373
Conc: 38.75 ug/ml



#12 1-chlorooctadecane (SURR)

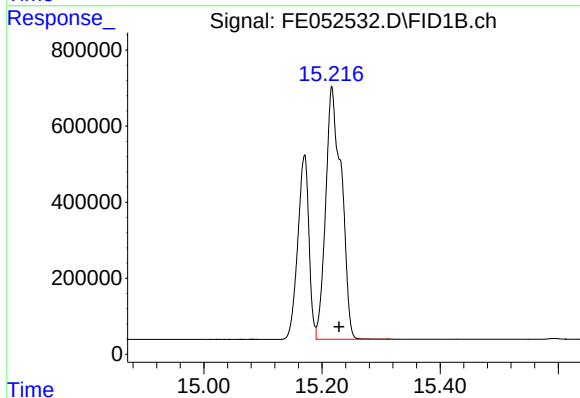
R.T.: 13.367 min
Delta R.T.: 0.003 min
Response: 5566011
Conc: 40.04 ug/ml



#13 n-Docosane (C22)

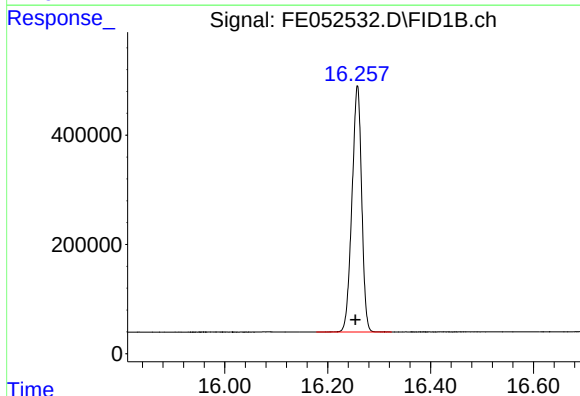
R.T.: 14.124 min
Delta R.T.: 0.002 min
Response: 6030579
Conc: 38.53 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166886BSD



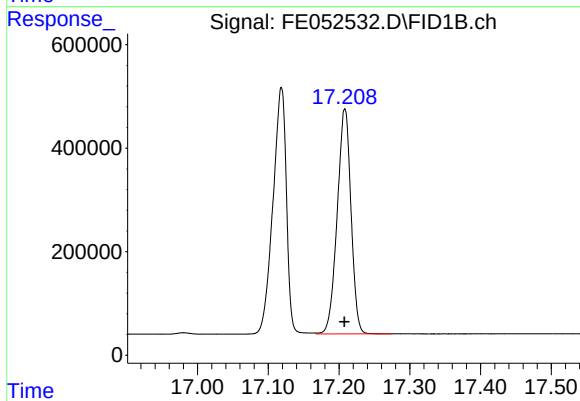
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: -0.012 min
Response: 12280320
Conc: 78.08 ug/ml



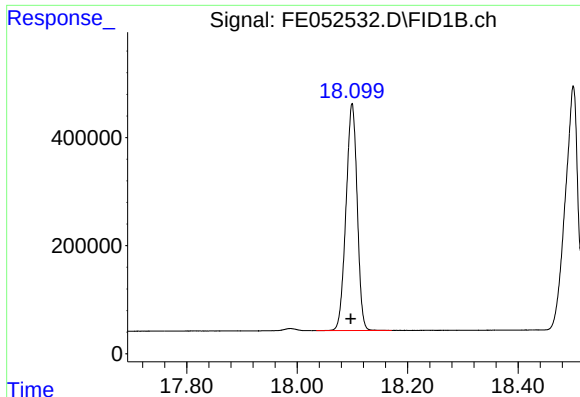
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: 0.004 min
Response: 5895984
Conc: 38.07 ug/ml



#16 n-Octacosane (C28)

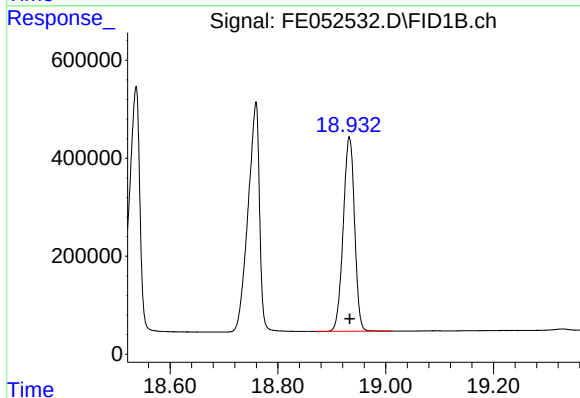
R.T.: 17.208 min
Delta R.T.: 0.000 min
Response: 5894570
Conc: 38.54 ug/ml



#17 n-Tricontane (C30)

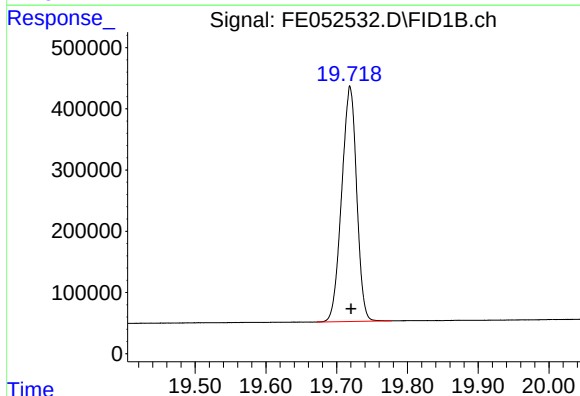
R.T.: 18.099 min
Delta R.T.: 0.002 min
Response: 5897762
Conc: 37.78 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166886BSD



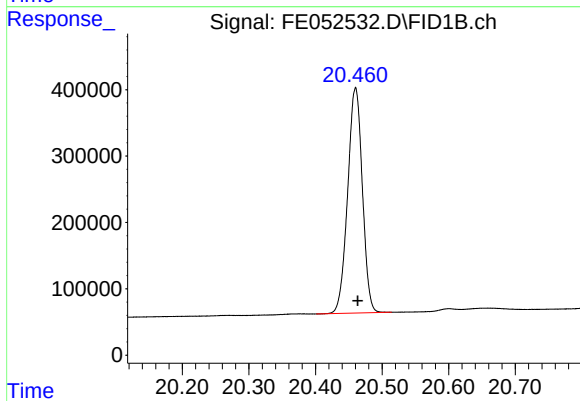
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 5785586
Conc: 37.81 ug/ml



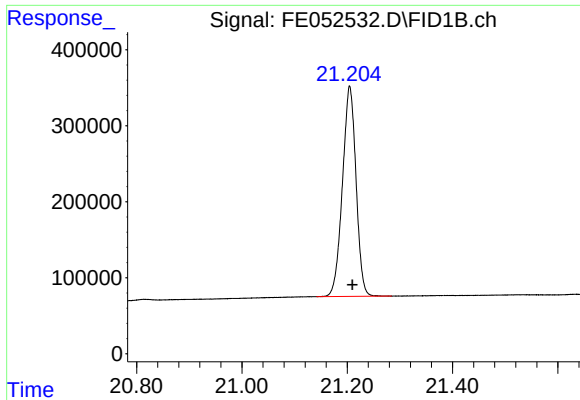
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.002 min
Response: 5663598
Conc: 39.81 ug/ml



#20 n-Hexatriacontane (C36)

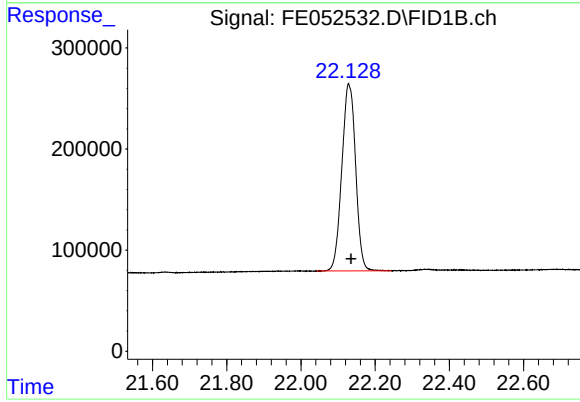
R.T.: 20.460 min
Delta R.T.: -0.004 min
Response: 5203864
Conc: 41.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.005 min
Response: 4953781
Conc: 45.32 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166886BSD



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.006 min
Response: 4770943
Conc: 47.43 ug/ml