

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081523AL\
 Data File : FE043955.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2023 12:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 16 01:15:36 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)	11.949	3772889	18.308 ug/ml
Spiked Amount 50.000		Recovery =	36.62%
12) S 1-chlorooctadecane (S...	13.386	2827818	18.122 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
Target Compounds			
1) T n-Nonane (C9)	3.340	3148888	19.499 ug/ml
2) T n-Decane (C10)	4.590	3237241	19.642 ug/ml
3) T A~Naphthalene (C11.7)	6.290	3560465	19.555 ug/ml
4) T n-Dodecane (C12)	6.753	3280367	19.600 ug/ml
5) T A~2-methylnaphthalene...	7.385	3450028	19.379 ug/ml
6) T n-Tetradecane (C14)	8.578	3284463	19.494 ug/ml
7) T n-Hexadecane (C16)	10.187	3387128	19.201 ug/ml
8) T n-Octadecane (C18)	11.631	3411070	18.830 ug/ml
10) T n-Eicosane (C20)	12.942	3273079	18.495 ug/ml
11) T n-Heneicosane (C21)	13.554	3198605	18.065 ug/ml
13) T n-Docosane (C22)	14.140	3157749	18.003 ug/ml
14) T n-Tetracosane (C24)	15.244	3090550	17.590 ug/ml
15) T n-Hexacosane (C26)	16.265	2972023	17.196 ug/ml
16) T n-Octacosane (C28)	17.217	2817797	16.841 ug/ml
17) T n-Tricontane (C30)	18.105	2808654	16.958 ug/ml
18) T n-Dotriacontane (C32)	18.938	2726020	17.265 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2650252	17.835 ug/ml
20) T n-Hexatriacontane (C36)	20.465	2584530	18.490 ug/ml
21) T n-Octatriacontane (C38)	21.210	2606483	19.538 ug/ml
22) T n-Tetracontane (C40)	22.137	2775742	21.513 ug/ml

(f)=RT Delta > 1/2 Window

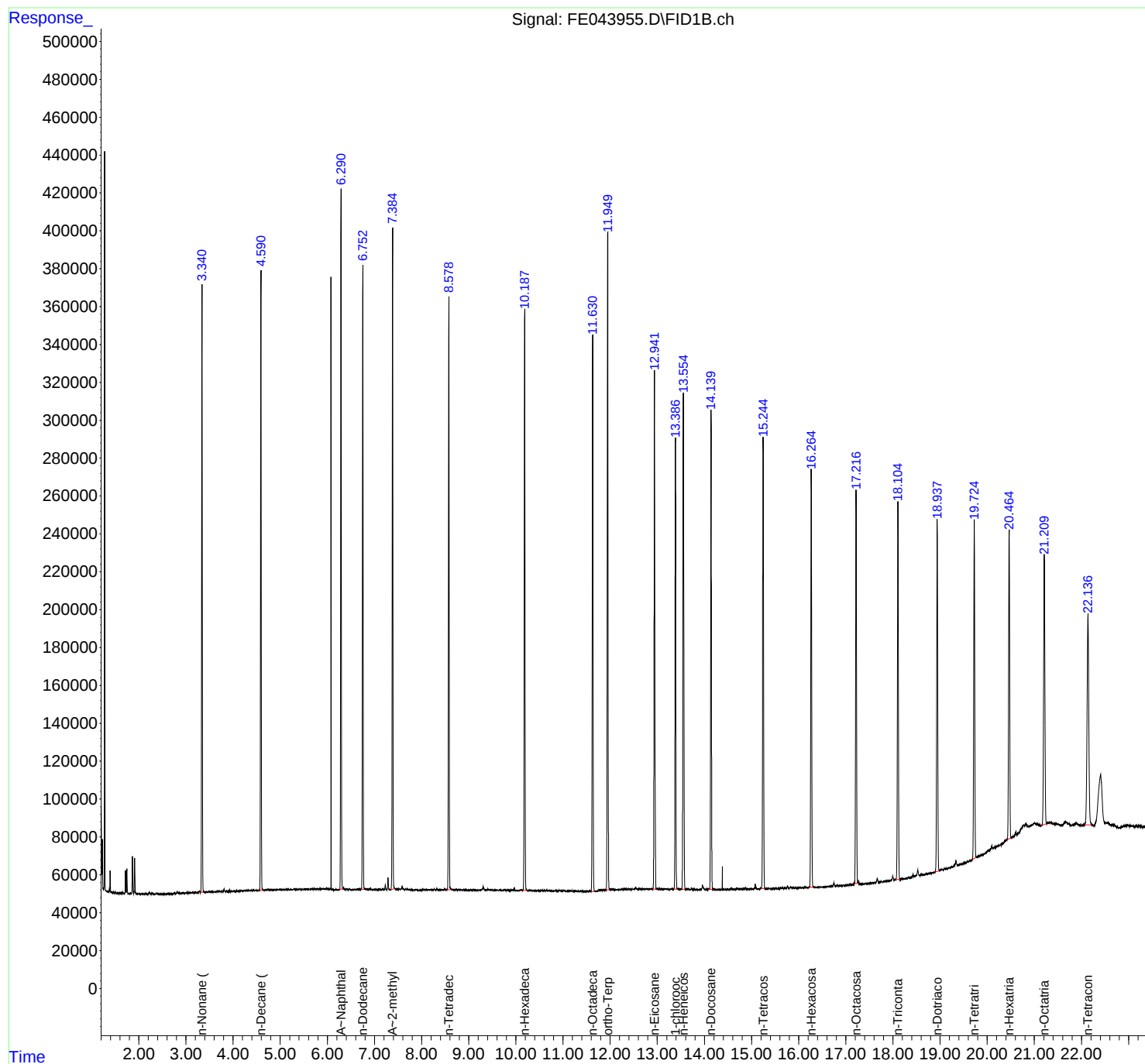
(m)=manual int.

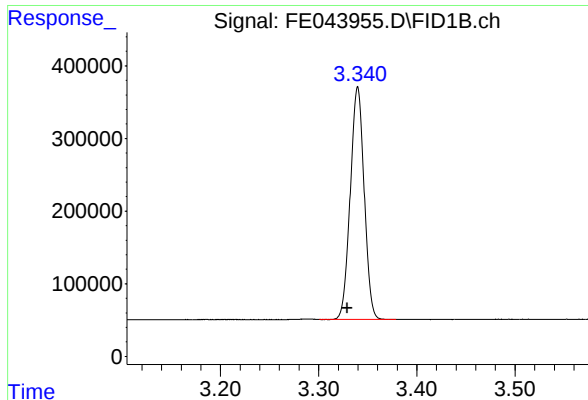
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081523AL\
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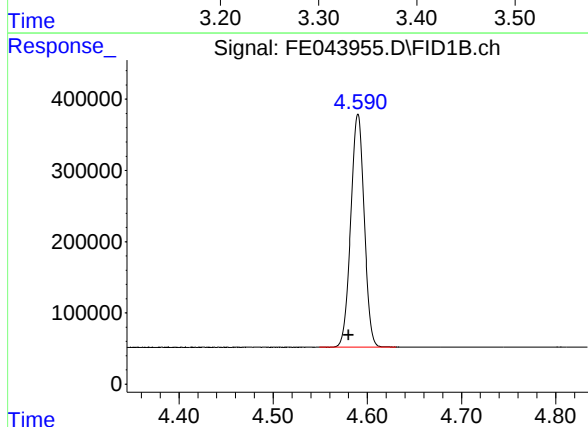




#1 n-Nonane (C9)

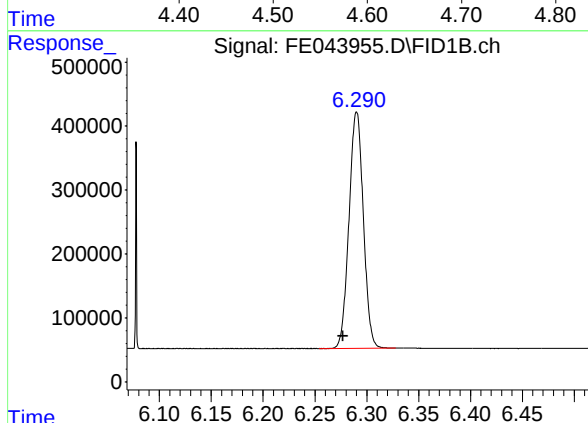
R.T.: 3.340 min
Delta R.T.: 0.011 min
Response: 3148888
Conc: 19.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



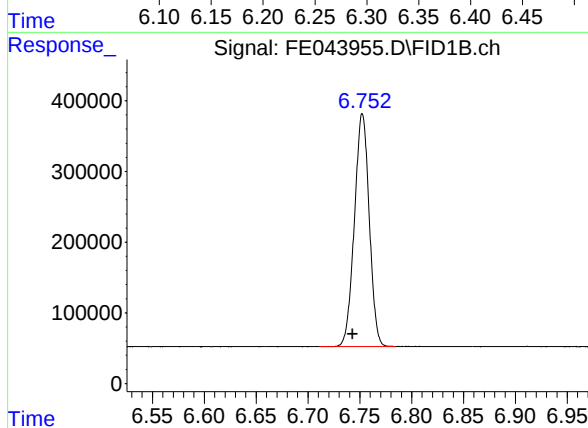
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.010 min
Response: 3237241
Conc: 19.64 ug/ml



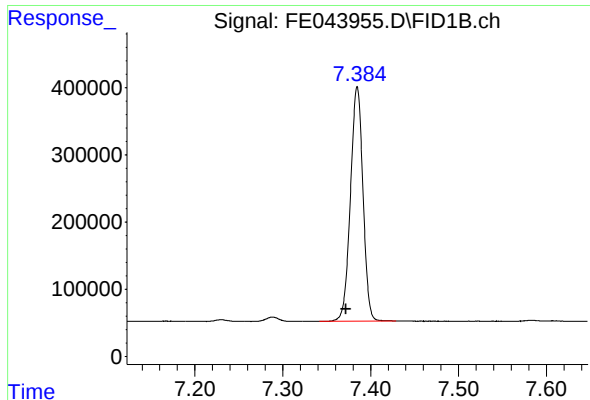
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: 0.013 min
Response: 3560465
Conc: 19.56 ug/ml



#4 n-Dodecane (C12)

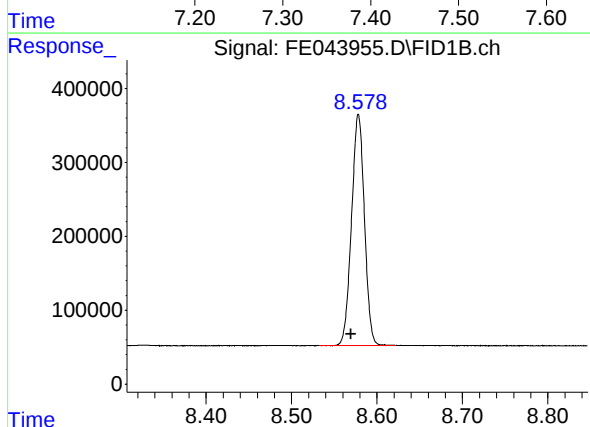
R.T.: 6.753 min
Delta R.T.: 0.009 min
Response: 3280367
Conc: 19.60 ug/ml



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

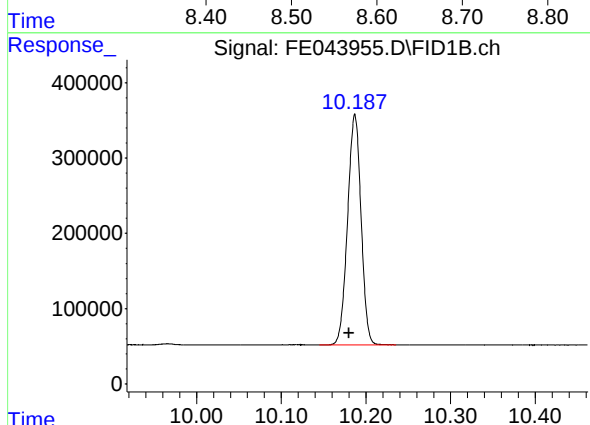
R.T.: 7.385 min
Delta R.T.: 0.013 min
Response: 3450028
Conc: 19.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



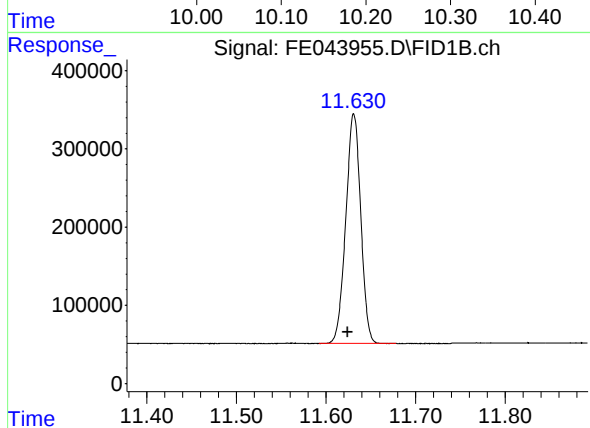
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: 0.009 min
Response: 3284463
Conc: 19.49 ug/ml



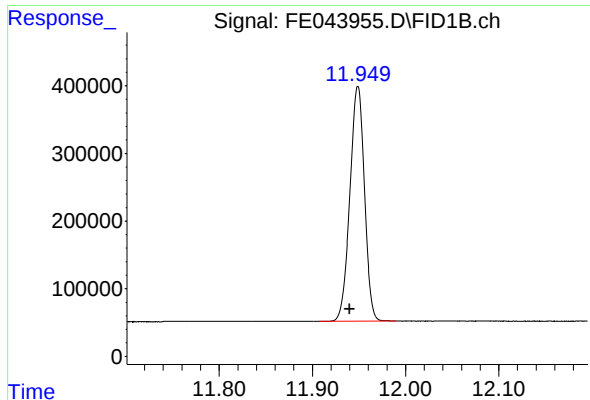
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: 0.007 min
Response: 3387128
Conc: 19.20 ug/ml



#8 n-Octadecane (C18)

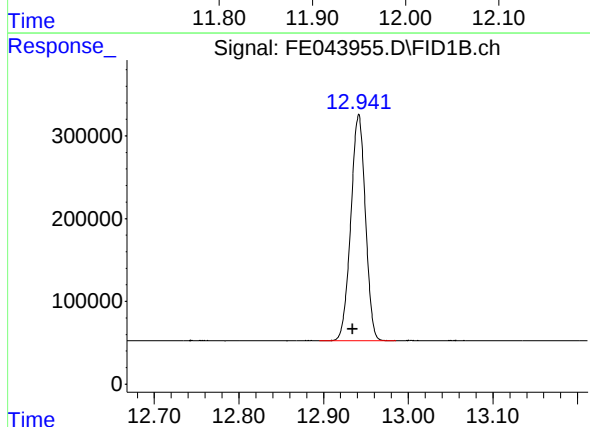
R.T.: 11.631 min
Delta R.T.: 0.007 min
Response: 3411070
Conc: 18.83 ug/ml



#9 ortho-Terphenyl (SURR)

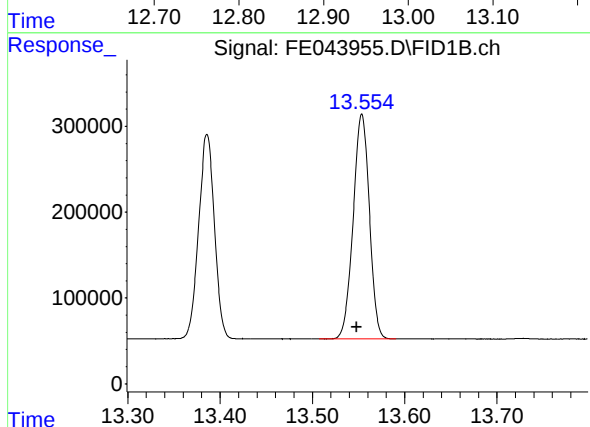
R.T.: 11.949 min
Delta R.T.: 0.009 min
Response: 3772889
Conc: 18.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



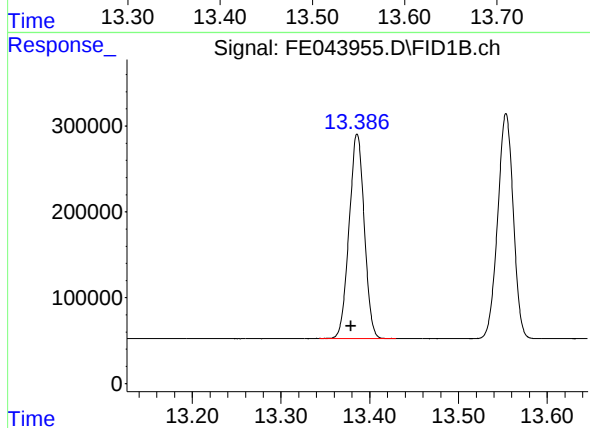
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.007 min
Response: 3273079
Conc: 18.50 ug/ml



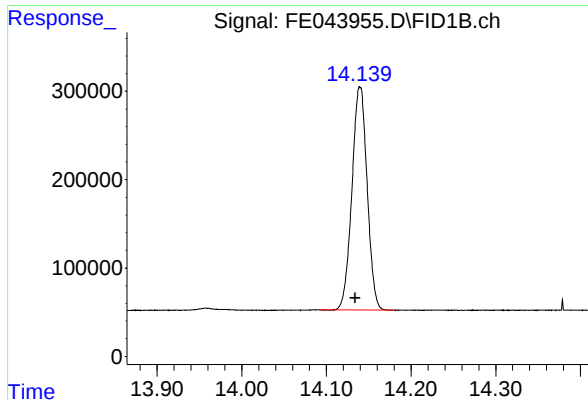
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.006 min
Response: 3198605
Conc: 18.06 ug/ml



#12 1-chlorooctadecane (SURR)

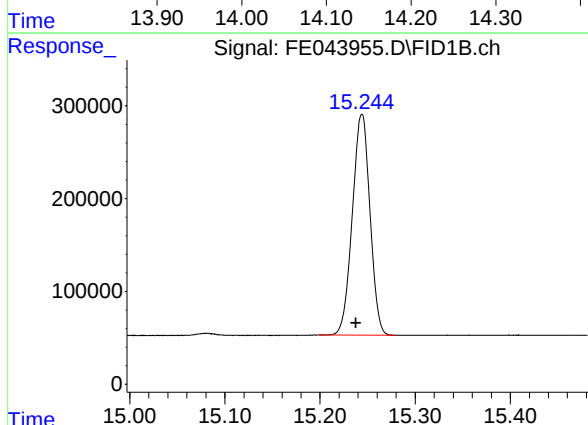
R.T.: 13.386 min
Delta R.T.: 0.007 min
Response: 2827818
Conc: 18.12 ug/ml



#13 n-Docosane (C22)

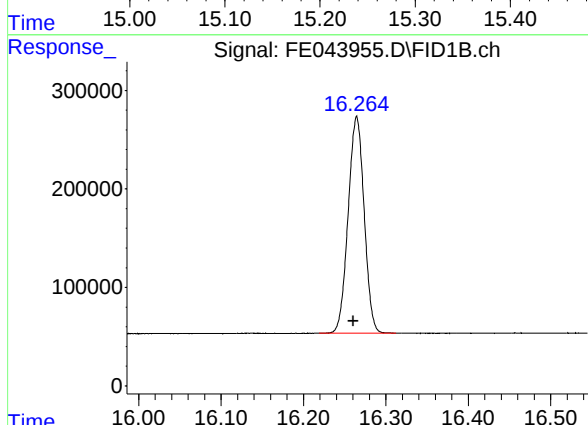
R.T.: 14.140 min
Delta R.T.: 0.006 min
Response: 3157749
Conc: 18.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



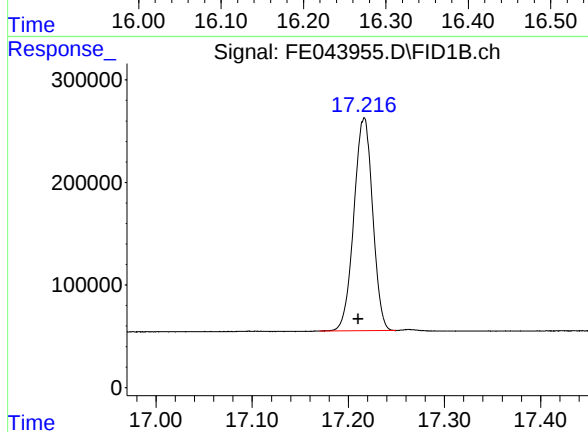
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.006 min
Response: 3090550
Conc: 17.59 ug/ml



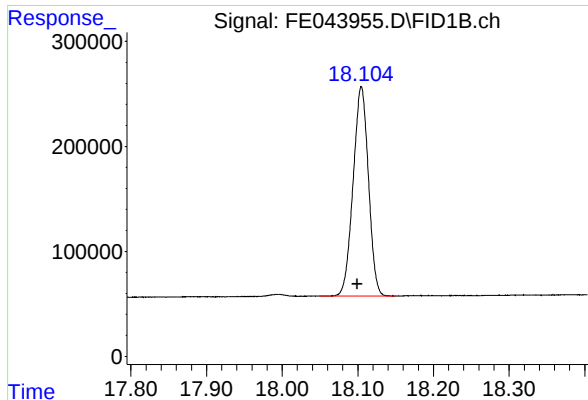
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.004 min
Response: 2972023
Conc: 17.20 ug/ml



#16 n-Octacosane (C28)

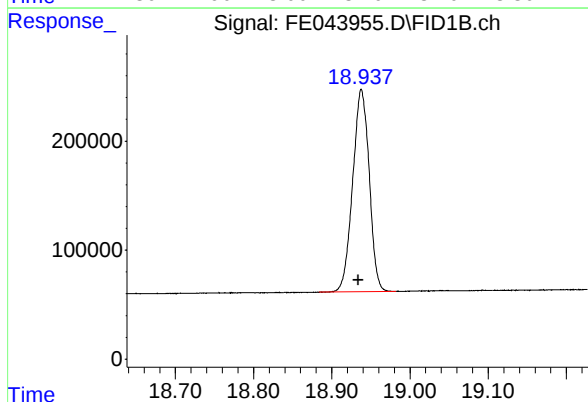
R.T.: 17.217 min
Delta R.T.: 0.006 min
Response: 2817797
Conc: 16.84 ug/ml



#17 n-Tricontane (C30)

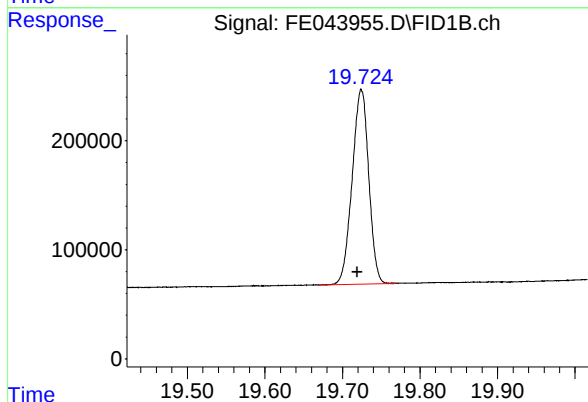
R.T.: 18.105 min
Delta R.T.: 0.005 min
Response: 2808654
Conc: 16.96 ug/ml

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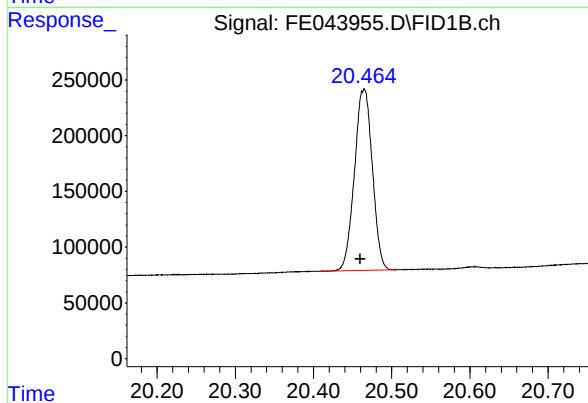
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.004 min
Response: 2726020
Conc: 17.27 ug/ml



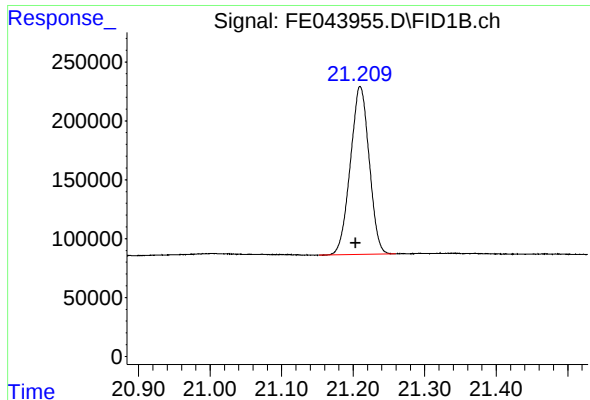
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.006 min
Response: 2650252
Conc: 17.83 ug/ml



#20 n-Hexatriacontane (C36)

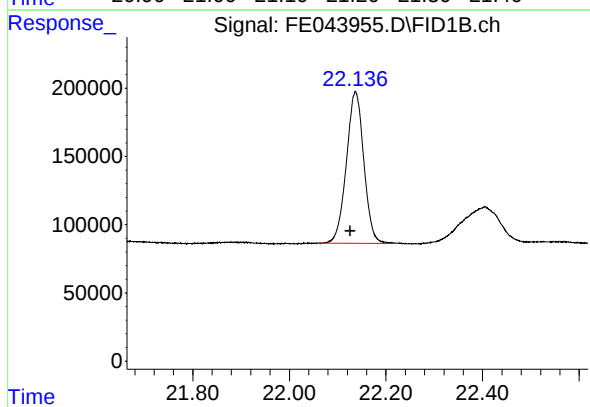
R.T.: 20.465 min
Delta R.T.: 0.005 min
Response: 2584530
Conc: 18.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: 0.006 min
Response: 2606483
Conc: 19.54 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: 0.010 min
Response: 2775742
Conc: 21.51 ug/ml