

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080423AL\
 Data File : FE043706.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2023 09:42
 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 04 01:29:34 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)	11.942	4304848	20.890 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
12) S 1-chlorooctadecane (S...	13.381	3272146	20.969 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
Target Compounds			
1) T n-Nonane (C9)	3.329	3406136	21.092 ug/ml
2) T n-Decane (C10)	4.580	3504884	21.266 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3868661	21.248 ug/ml
4) T n-Dodecane (C12)	6.744	3558840	21.264 ug/ml
5) T A~2-methylnaphthalene...	7.373	3782650	21.248 ug/ml
6) T n-Tetradecane (C14)	8.571	3560275	21.131 ug/ml
7) T n-Hexadecane (C16)	10.180	3730936	21.150 ug/ml
8) T n-Octadecane (C18)	11.626	3826767	21.125 ug/ml
10) T n-Eicosane (C20)	12.937	3735748	21.110 ug/ml
11) T n-Heneicosane (C21)	13.549	3704895	20.924 ug/ml
13) T n-Docosane (C22)	14.137	3684472	21.006 ug/ml
14) T n-Tetracosane (C24)	15.241	3676603	20.925 ug/ml
15) T n-Hexacosane (C26)	16.264	3581261	20.721 ug/ml
16) T n-Octacosane (C28)	17.215	3418483	20.431 ug/ml
17) T n-Tricontane (C30)	18.104	3346924	20.207 ug/ml
18) T n-Dotriacontane (C32)	18.938	3167483	20.061 ug/ml
19) T n-Tetratriacontane (C34)	19.723	2994275	20.150 ug/ml
20) T n-Hexatriacontane (C36)	20.465	2839587	20.315 ug/ml
21) T n-Octatriacontane (C38)	21.208	2769245	20.758 ug/ml
22) T n-Tetracontane (C40)	22.135	2724637	21.117 ug/ml

(f)=RT Delta > 1/2 Window

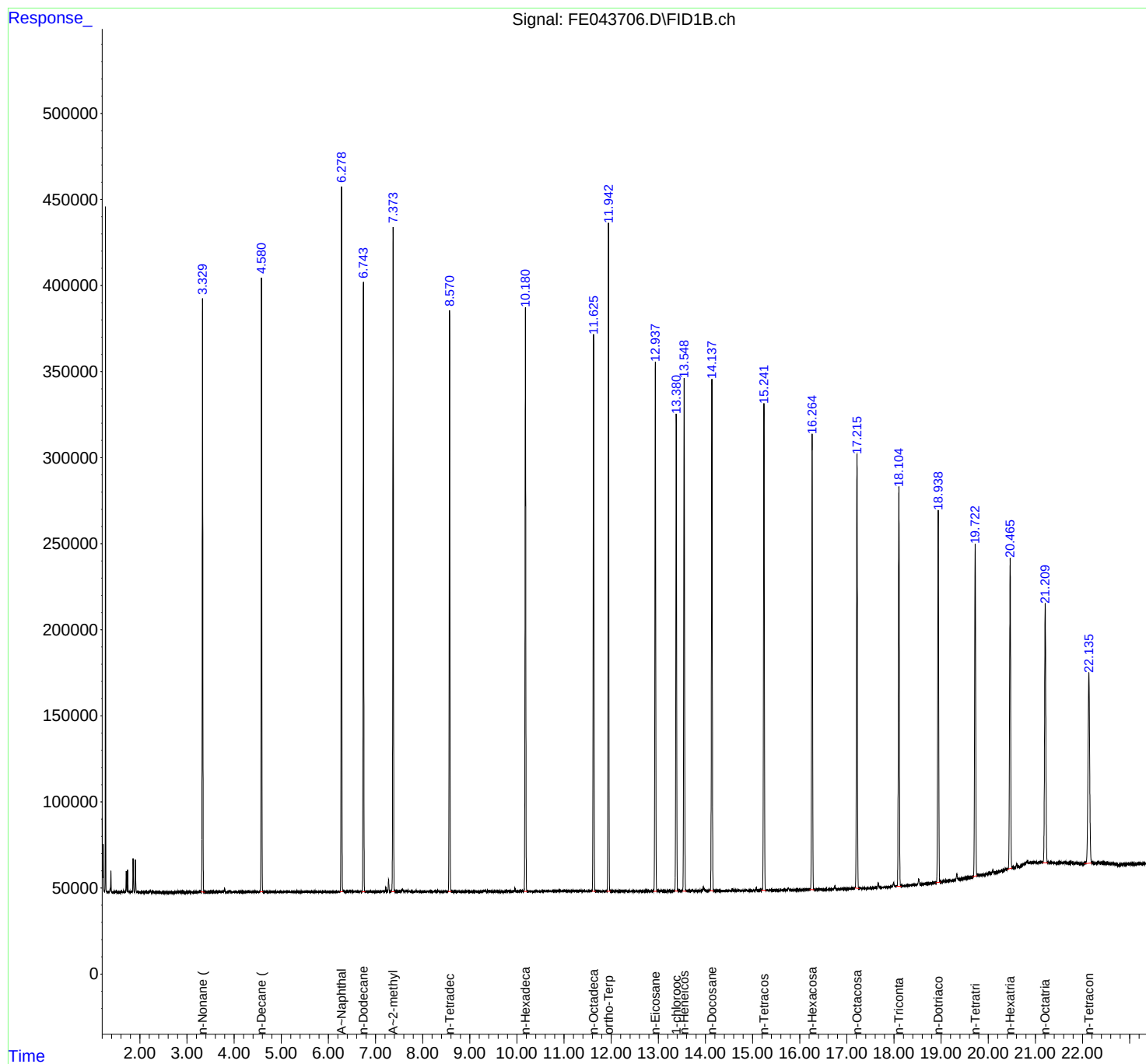
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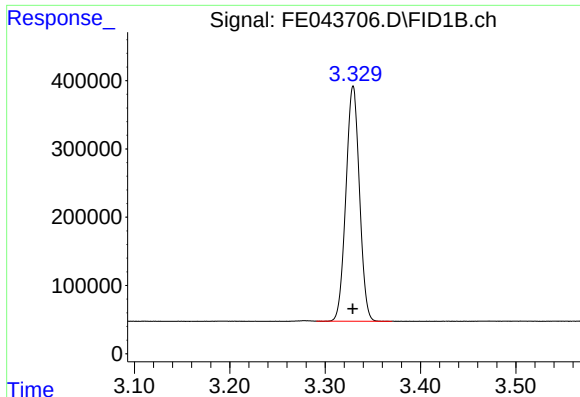
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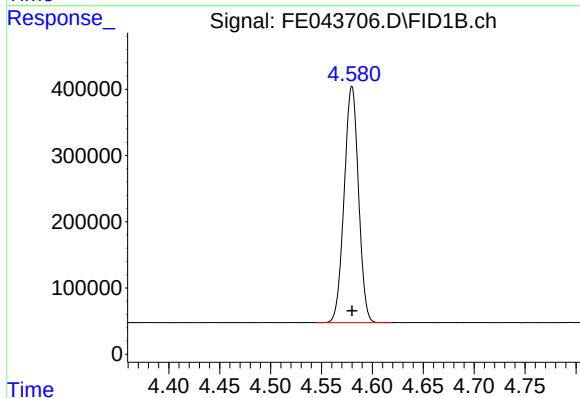




#1 n-Nonane (C9)

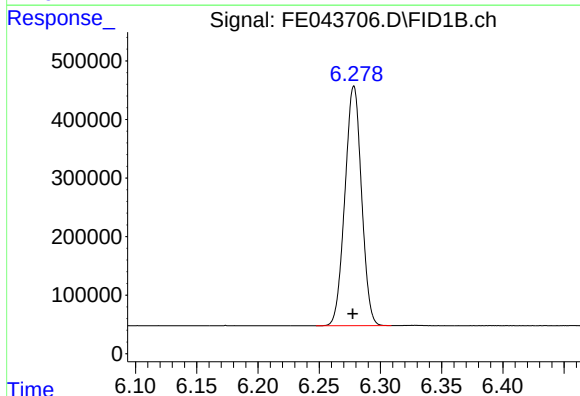
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3406136
Conc: 21.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



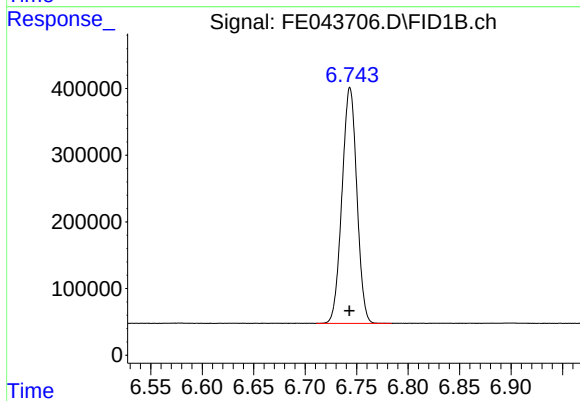
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 3504884
Conc: 21.27 ug/ml



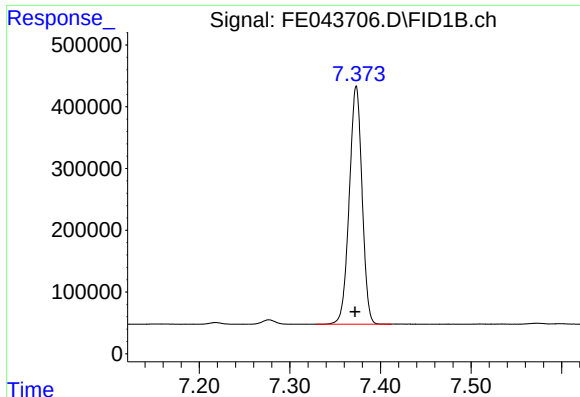
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.001 min
Response: 3868661
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

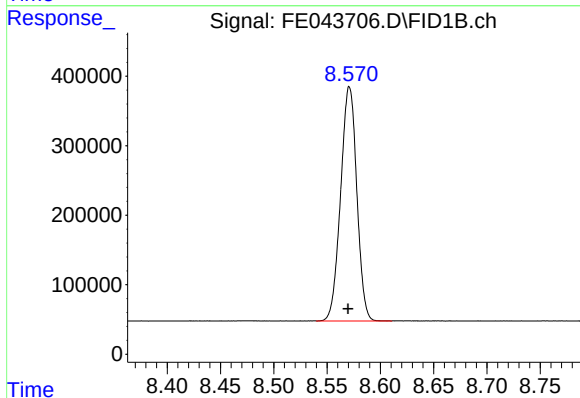
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3558840
Conc: 21.26 ug/ml



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

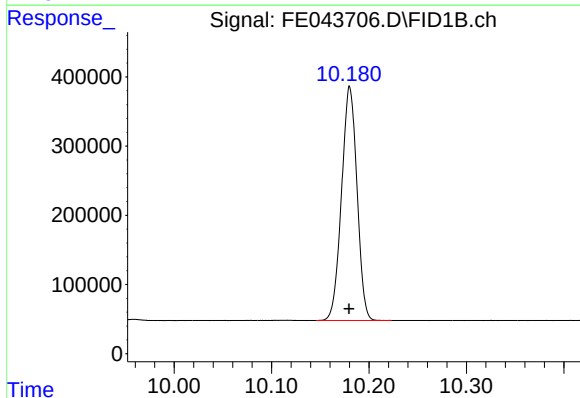
R.T.: 7.373 min
Delta R.T.: 0.001 min
Response: 3782650
Conc: 21.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



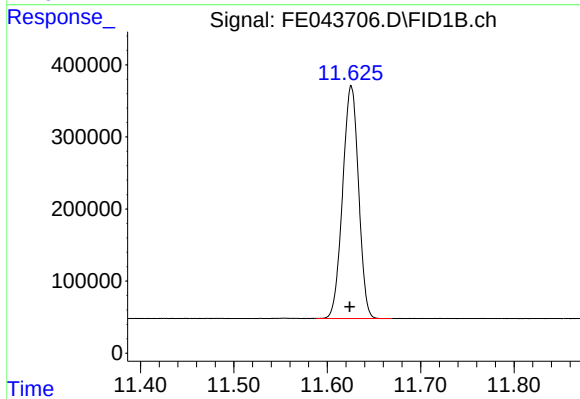
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: 0.001 min
Response: 3560275
Conc: 21.13 ug/ml



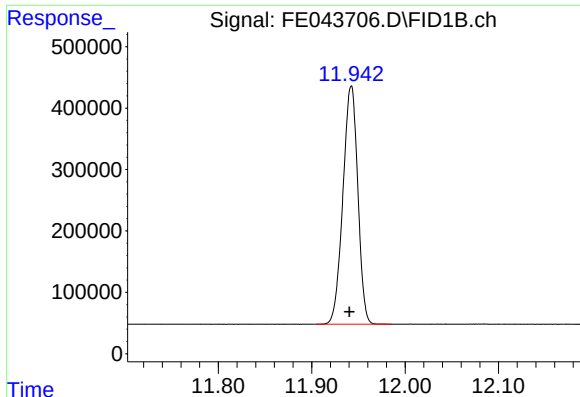
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: 0.000 min
Response: 3730936
Conc: 21.15 ug/ml



#8 n-Octadecane (C18)

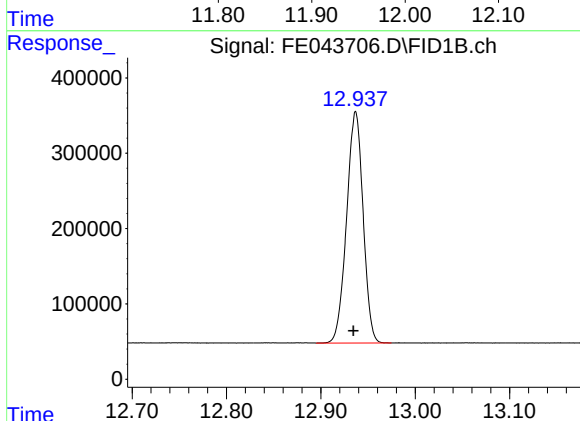
R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 3826767
Conc: 21.13 ug/ml



#9 ortho-Terphenyl (SURR)

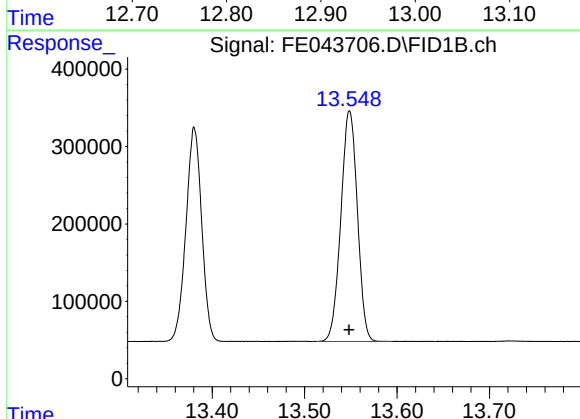
R.T.: 11.942 min
Delta R.T.: 0.002 min
Response: 4304848
Conc: 20.89 ug/ml

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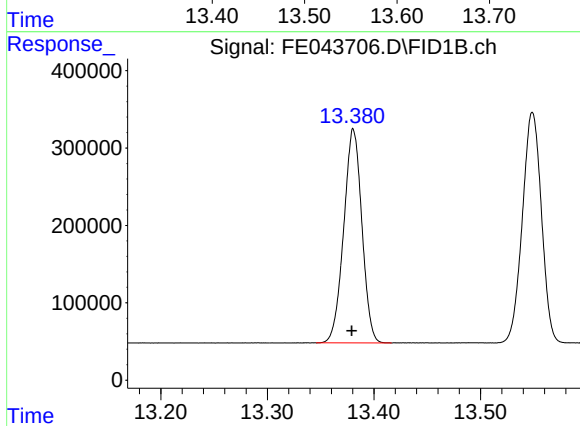
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: 0.003 min
Response: 3735748
Conc: 21.11 ug/ml



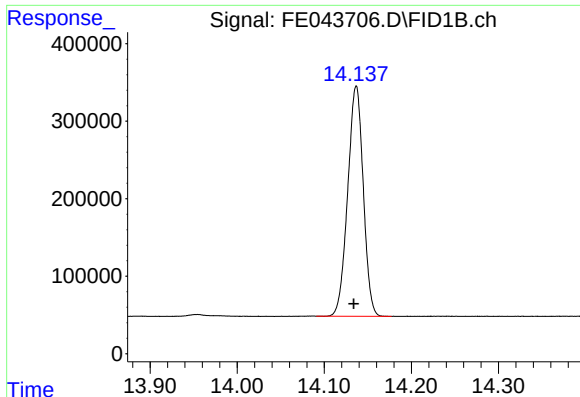
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: 0.000 min
Response: 3704895
Conc: 20.92 ug/ml



#12 1-chlorooctadecane (SURR)

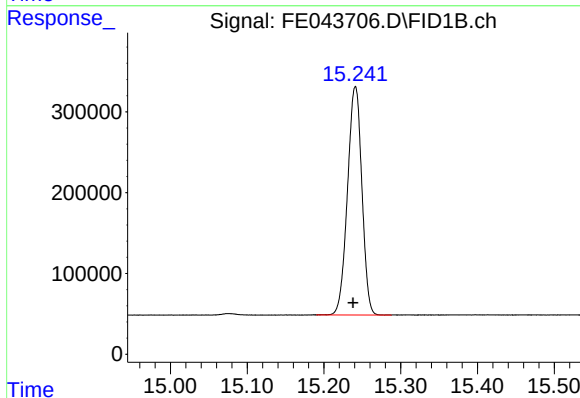
R.T.: 13.381 min
Delta R.T.: 0.002 min
Response: 3272146
Conc: 20.97 ug/ml



#13 n-Docosane (C22)

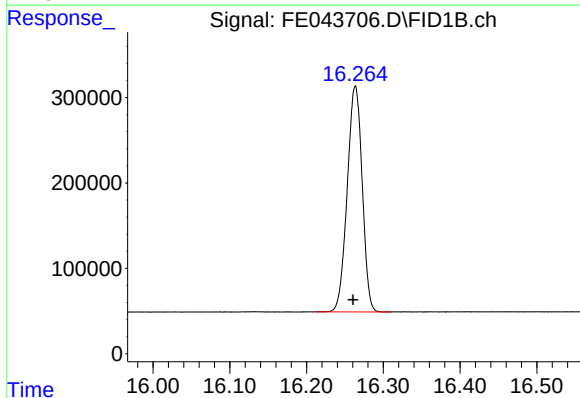
R.T.: 14.137 min
Delta R.T.: 0.003 min
Response: 3684472
Conc: 21.01 ug/ml

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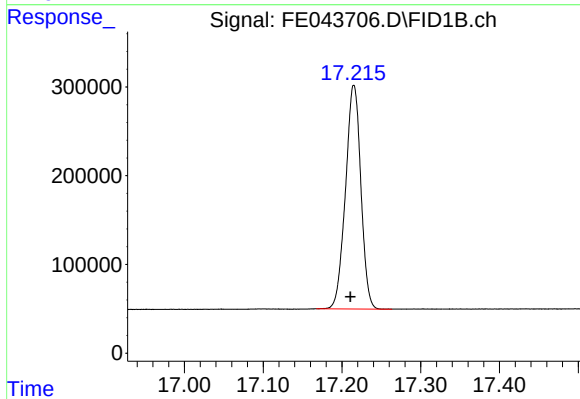
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: 0.003 min
Response: 3676603
Conc: 20.93 ug/ml



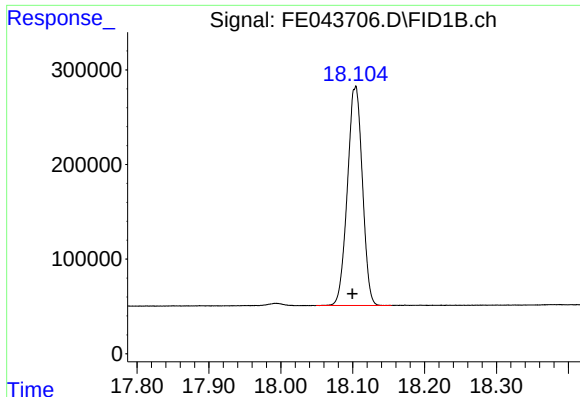
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: 0.003 min
Response: 3581261
Conc: 20.72 ug/ml



#16 n-Octacosane (C28)

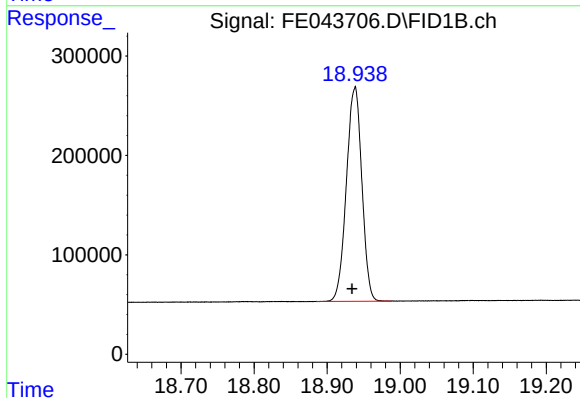
R.T.: 17.215 min
Delta R.T.: 0.004 min
Response: 3418483
Conc: 20.43 ug/ml



#17 n-Tricontane (C30)

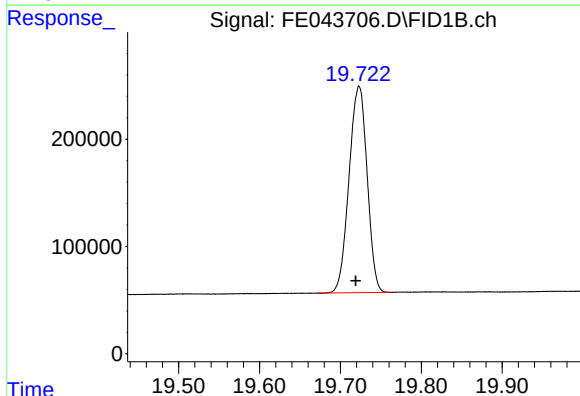
R.T.: 18.104 min
Delta R.T.: 0.004 min
Response: 3346924
Conc: 20.21 ug/ml

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20 PPM ALIPHATIC HC STD



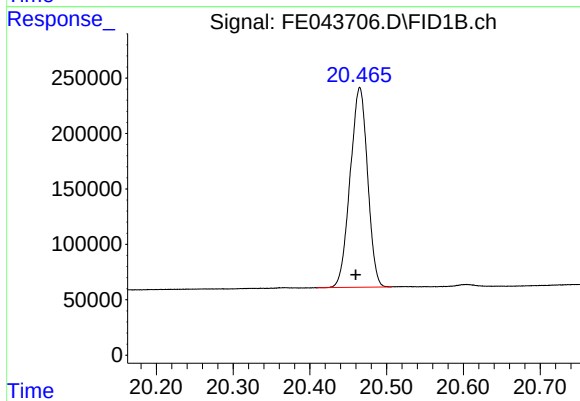
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.004 min
Response: 3167483
Conc: 20.06 ug/ml



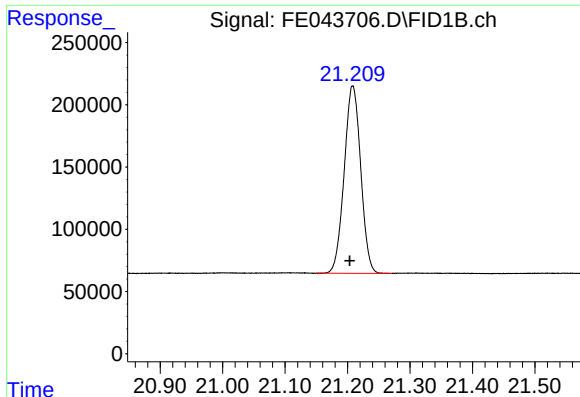
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: 0.004 min
Response: 2994275
Conc: 20.15 ug/ml



#20 n-Hexatriacontane (C36)

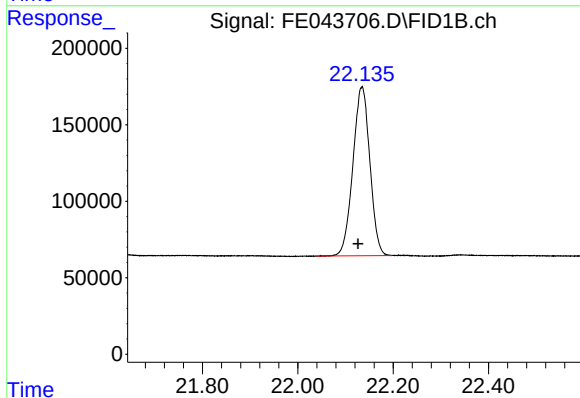
R.T.: 20.465 min
Delta R.T.: 0.005 min
Response: 2839587
Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.005 min
Response: 2769245
Conc: 20.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.135 min
Delta R.T.: 0.008 min
Response: 2724637
Conc: 21.12 ug/ml