

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080924AL\
 Data File : FE049530.D
 Signal(s) : FID1B.ch
 Acq On : 09 Aug 2024 06:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 09 11:07:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.891	3067577	19.778 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
12) S 1-chlorooctadecane (S...	13.326	2343899	20.061 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.280	2831304	18.827 ug/ml
2) T n-Decane (C10)	4.531	2953640	19.123 ug/ml
3) T A~Naphthalene (C11.7)	6.237	3006188	19.295 ug/ml
4) T n-Dodecane (C12)	6.697	2951920	19.171 ug/ml
5) T A~2-methylnaphthalene...	7.333	2842128	19.530 ug/ml
6) T n-Tetradecane (C14)	8.524	2905456	19.143 ug/ml
7) T n-Hexadecane (C16)	10.131	2980338	19.652 ug/ml
8) T n-Octadecane (C18)	11.573	3003738	19.783 ug/ml
10) T n-Eicosane (C20)	12.881	2861105	19.785 ug/ml
11) T n-Heneicosane (C21)	13.492	2806678	19.792 ug/ml
13) T n-Docosane (C22)	14.078	2797824	19.914 ug/ml
14) T n-Tetracosane (C24)	15.179	2819776	20.119 ug/ml
15) T n-Hexacosane (C26)	16.199	2811050	20.047 ug/ml
16) T n-Octacosane (C28)	17.148	2872614	20.523 ug/ml
17) T n-Tricontane (C30)	18.035	3095383	21.220 ug/ml
18) T n-Dotriacontane (C32)	18.866	3188655	21.686 ug/ml
19) T n-Tetratriacontane (C34)	19.647	3151591	21.576 ug/ml
20) T n-Hexatriacontane (C36)	20.388	3094128	21.463 ug/ml
21) T n-Octatriacontane (C38)	21.116	3076698	20.554 ug/ml
22) T n-Tetracontane (C40)	22.012	2931652	19.427 ug/ml

(f)=RT Delta > 1/2 Window

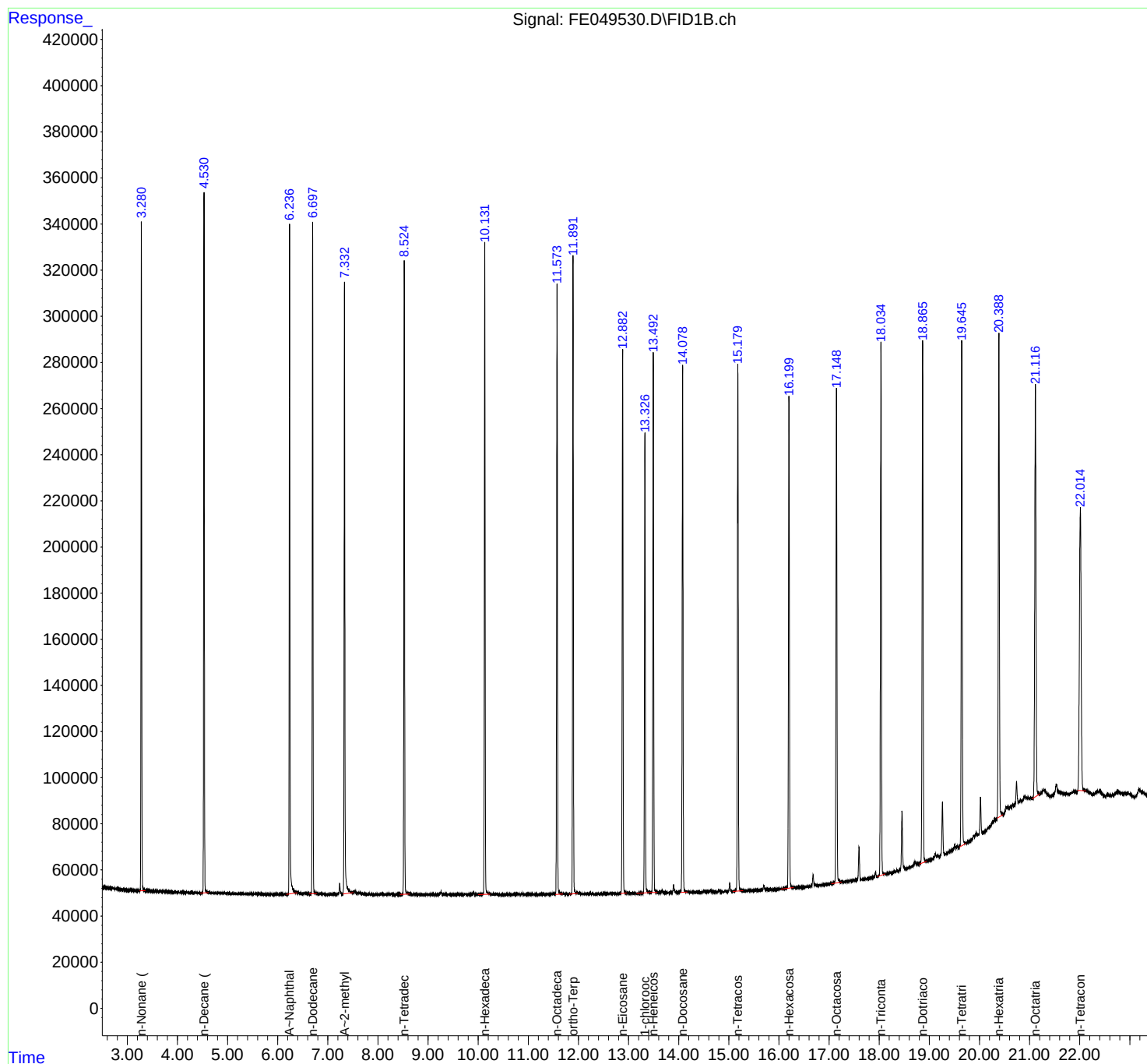
(m)=manual int.

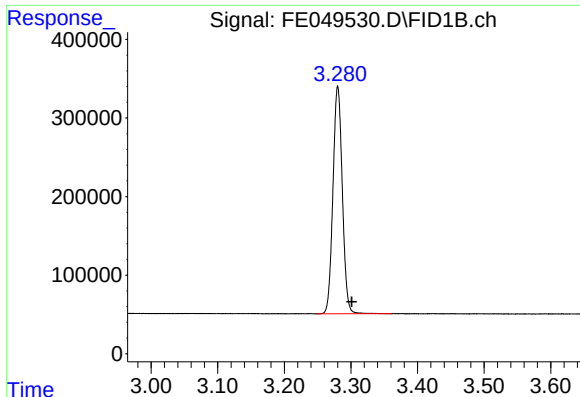
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080924AL\
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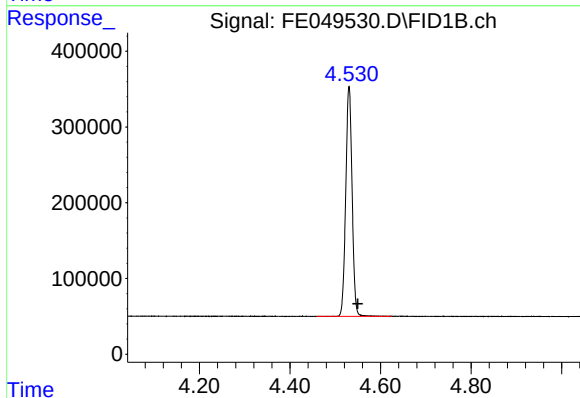




#1 n-Nonane (C9)

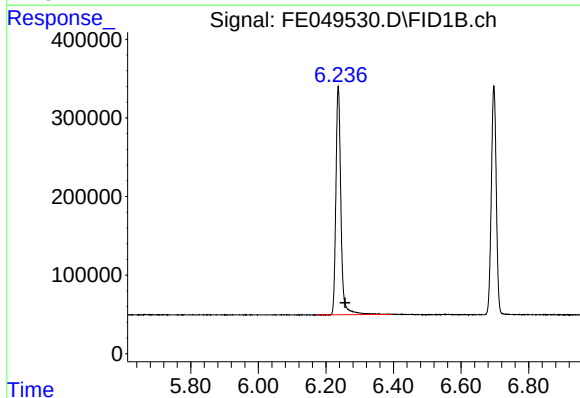
R.T.: 3.280 min
Delta R.T.: -0.021 min
Response: 2831304
Conc: 18.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



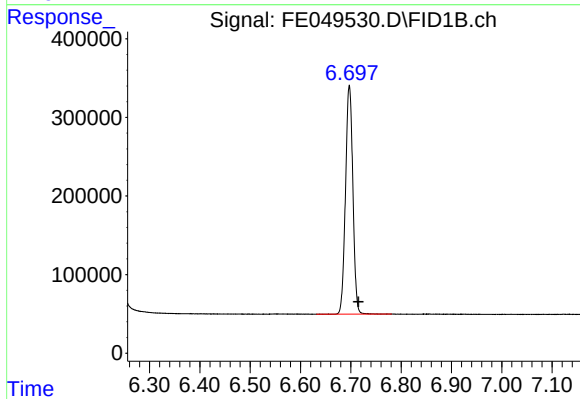
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.019 min
Response: 2953640
Conc: 19.12 ug/ml



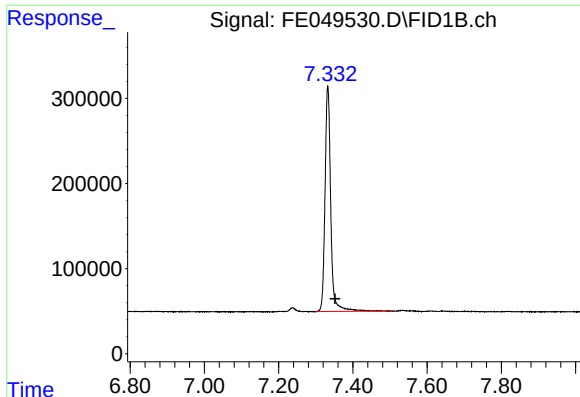
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.020 min
Response: 3006188
Conc: 19.29 ug/ml



#4 n-Dodecane (C12)

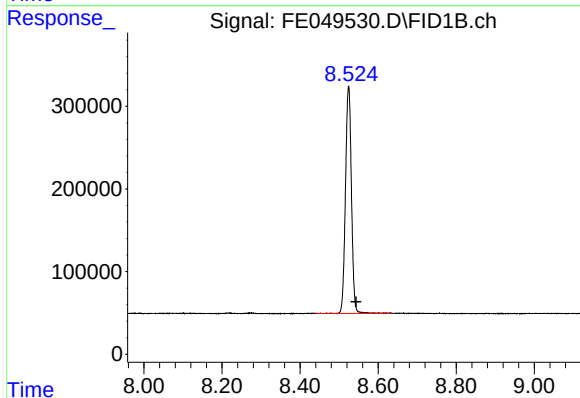
R.T.: 6.697 min
Delta R.T.: -0.018 min
Response: 2951920
Conc: 19.17 ug/ml



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

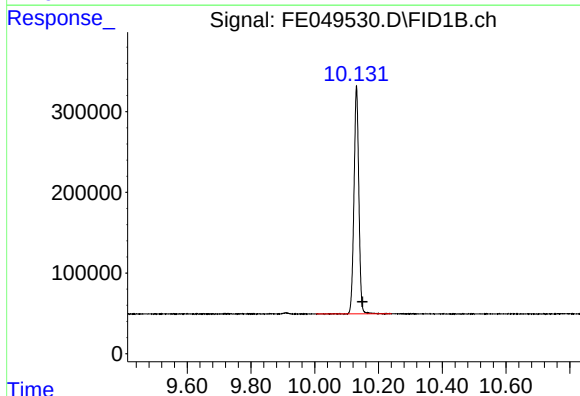
R.T.: 7.333 min
Delta R.T.: -0.020 min
Response: 2842128
Conc: 19.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



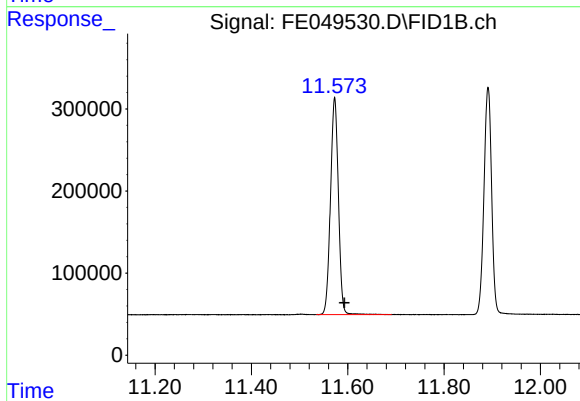
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.019 min
Response: 2905456
Conc: 19.14 ug/ml



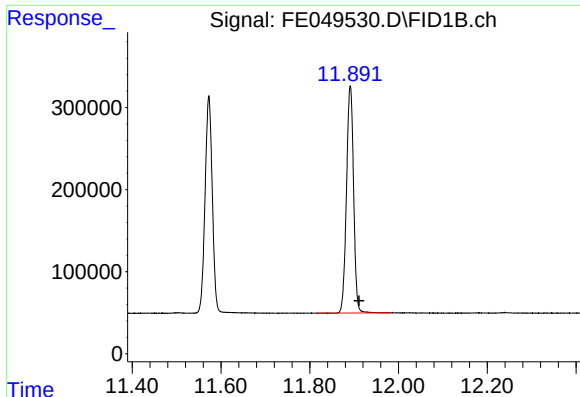
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.019 min
Response: 2980338
Conc: 19.65 ug/ml



#8 n-Octadecane (C18)

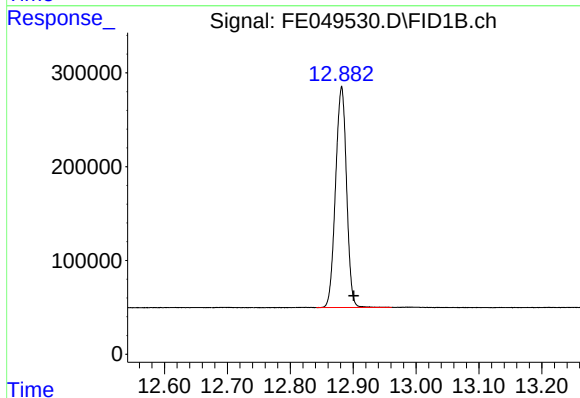
R.T.: 11.573 min
Delta R.T.: -0.020 min
Response: 3003738
Conc: 19.78 ug/ml



#9 ortho-Terphenyl (SURR)

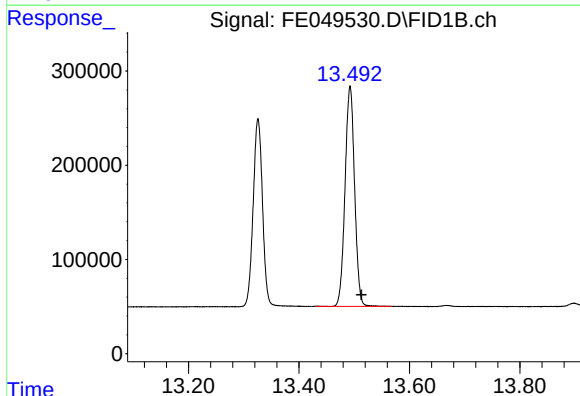
R.T.: 11.891 min
Delta R.T.: -0.020 min
Response: 3067577
Conc: 19.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



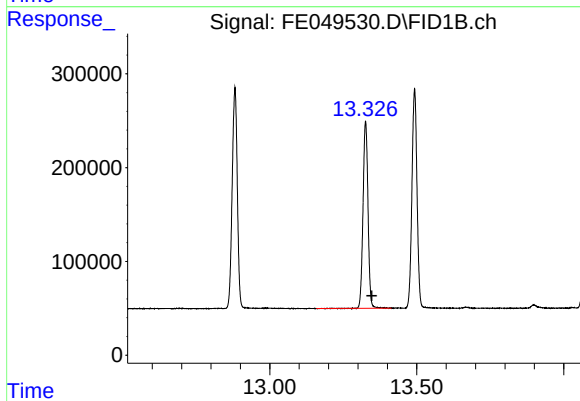
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.020 min
Response: 2861105
Conc: 19.79 ug/ml



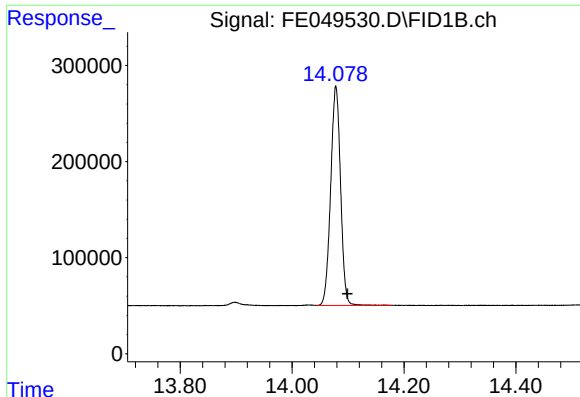
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: -0.021 min
Response: 2806678
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

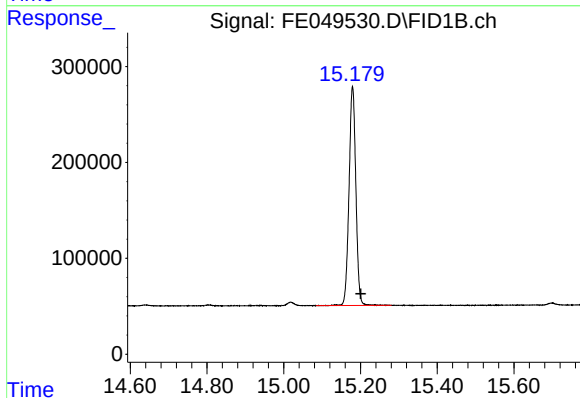
R.T.: 13.326 min
Delta R.T.: -0.020 min
Response: 2343899
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

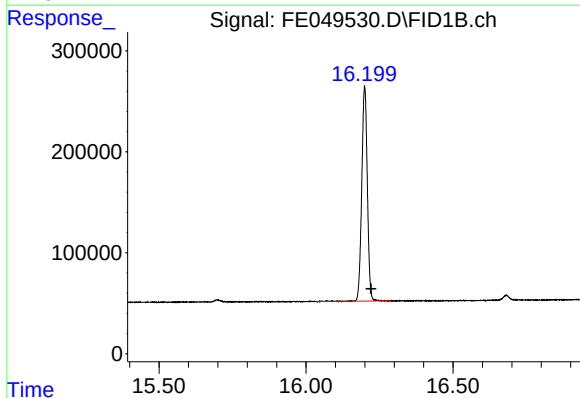
R.T.: 14.078 min
Delta R.T.: -0.021 min
Response: 2797824
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



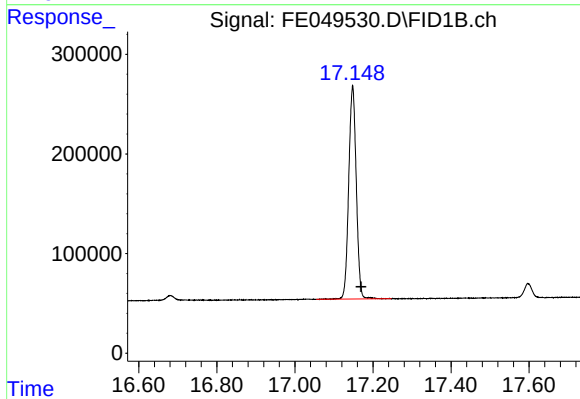
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: -0.021 min
Response: 2819776
Conc: 20.12 ug/ml



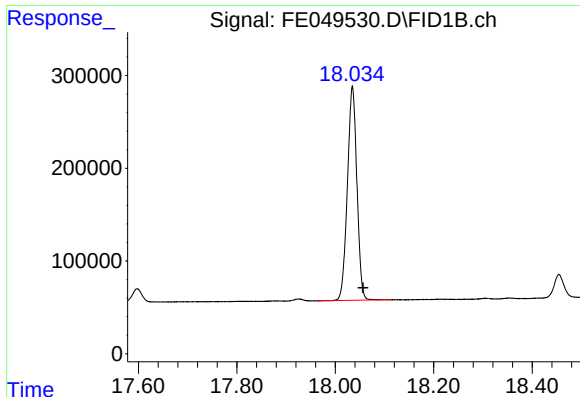
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: -0.022 min
Response: 2811050
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

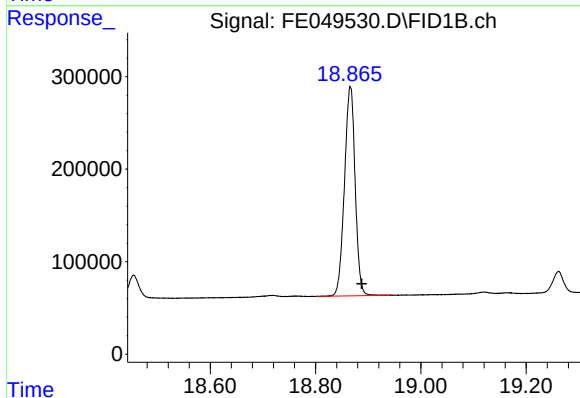
R.T.: 17.148 min
Delta R.T.: -0.022 min
Response: 2872614
Conc: 20.52 ug/ml



#17 n-Tricontane (C30)

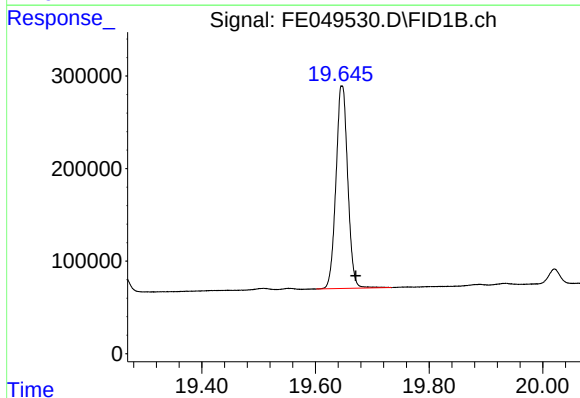
R.T.: 18.035 min
Delta R.T.: -0.022 min
Response: 3095383
Conc: 21.22 ug/ml

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20 PPM ALIPHATIC HC STD



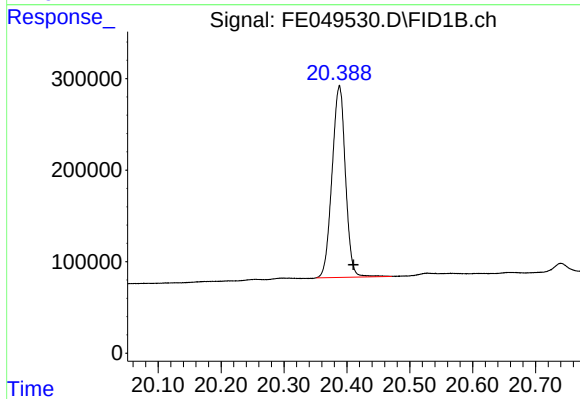
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: -0.022 min
Response: 3188655
Conc: 21.69 ug/ml



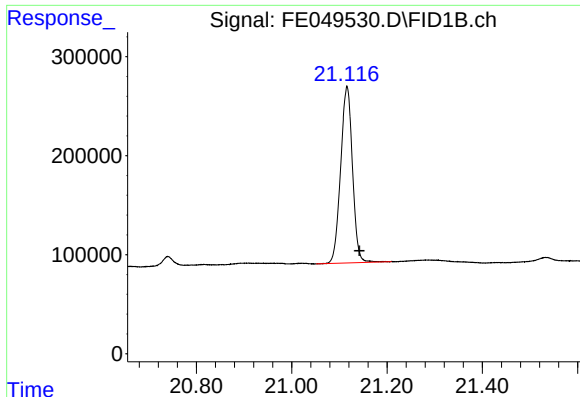
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: -0.024 min
Response: 3151591
Conc: 21.58 ug/ml



#20 n-Hexatriacontane (C36)

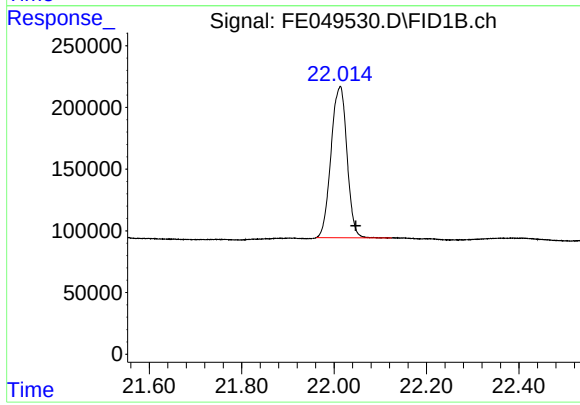
R.T.: 20.388 min
Delta R.T.: -0.023 min
Response: 3094128
Conc: 21.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: -0.026 min
Response: 3076698
Conc: 20.55 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.012 min
Delta R.T.: -0.035 min
Response: 2931652
Conc: 19.43 ug/ml