

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121922AL\
 Data File : FE039399.D
 Signal(s) : FID1B.ch
 Acq On : 20 Dec 2022 01:28
 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: Dec 20 04:49:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.934	3177734	21.294 ug/ml
Spiked Amount 50.000		Recovery =	42.59%
12) S 1-chlorooctadecane (S...	13.370	2458261	21.358 ug/ml
Spiked Amount 50.000		Recovery =	42.72%
Target Compounds			
1) T n-Nonane (C9)	3.328	2616044	20.239 ug/ml
2) T n-Decane (C10)	4.578	2628961	20.632 ug/ml
3) T A~Naphthalene (C11.7)	6.281	3049640	21.096 ug/ml
4) T n-Dodecane (C12)	6.742	2675193	20.606 ug/ml
5) T A~2-methylnaphthalene...	7.376	2878332	21.253 ug/ml
6) T n-Tetradecane (C14)	8.568	2749331	20.748 ug/ml
7) T n-Hexadecane (C16)	10.175	2877696	20.917 ug/ml
8) T n-Octadecane (C18)	11.616	2950877	21.068 ug/ml
10) T n-Eicosane (C20)	12.925	2889540	21.168 ug/ml
11) T n-Heneicosane (C21)	13.537	2897556	21.244 ug/ml
13) T n-Docosane (C22)	14.123	2874630	21.250 ug/ml
14) T n-Tetracosane (C24)	15.225	2848510	21.220 ug/ml
15) T n-Hexacosane (C26)	16.246	2750362	21.123 ug/ml
16) T n-Octacosane (C28)	17.196	2780266	21.602 ug/ml
17) T n-Tricontane (C30)	18.084	2859383	22.209 ug/ml
18) T n-Dotriacontane (C32)	18.918	2916720	22.523 ug/ml
19) T n-Tetratriacontane (C34)	19.701	2802504	22.213 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2604200	21.537 ug/ml
21) T n-Octatriacontane (C38)	21.179	2545086	20.608 ug/ml
22) T n-Tetracontane (C40)	22.090	2523897	20.097 ug/ml

(f)=RT Delta > 1/2 Window

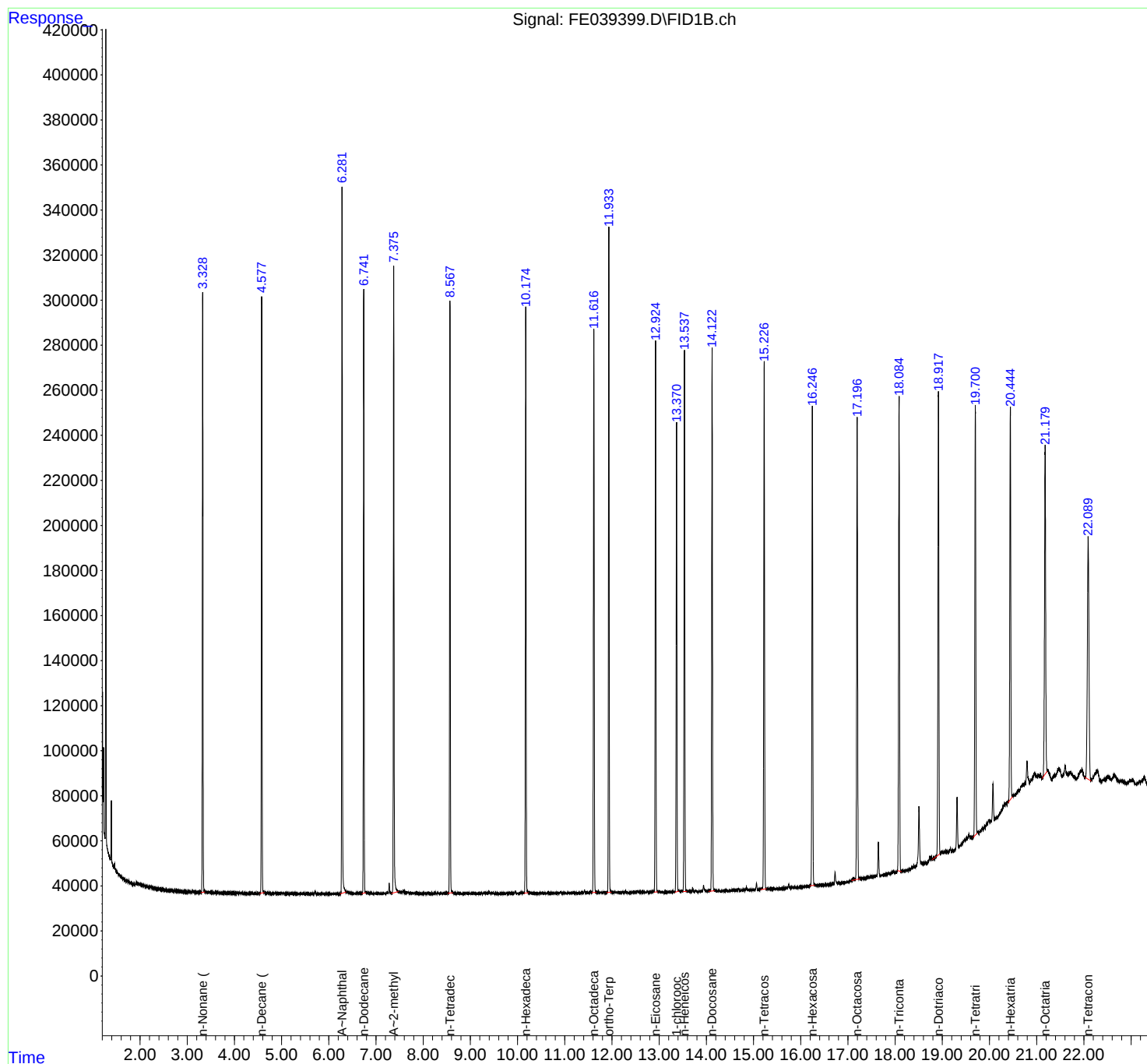
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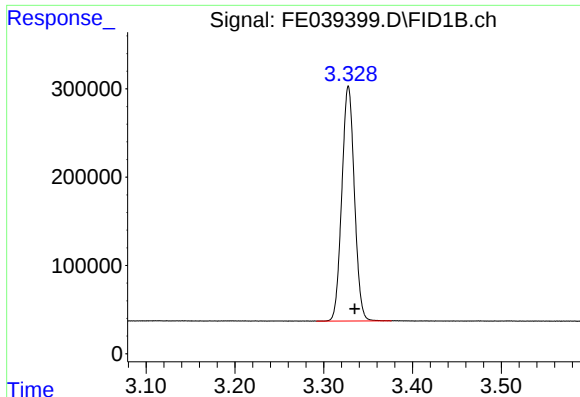
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121922AL\
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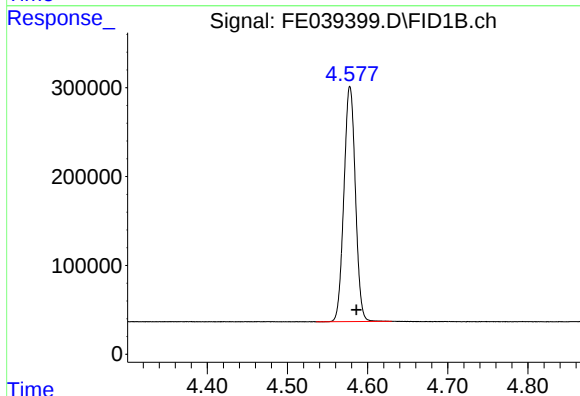




#1 n-Nonane (C9)

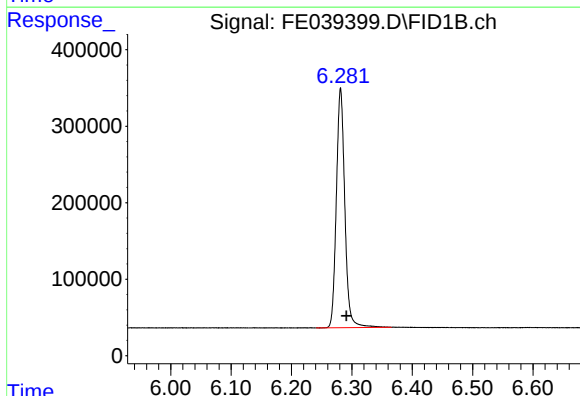
R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 2616044
Conc: 20.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



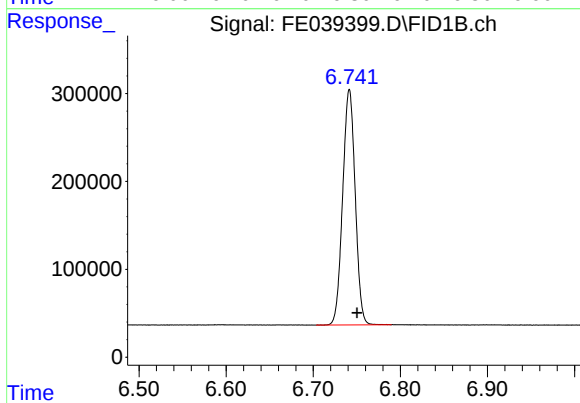
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.008 min
Response: 2628961
Conc: 20.63 ug/ml



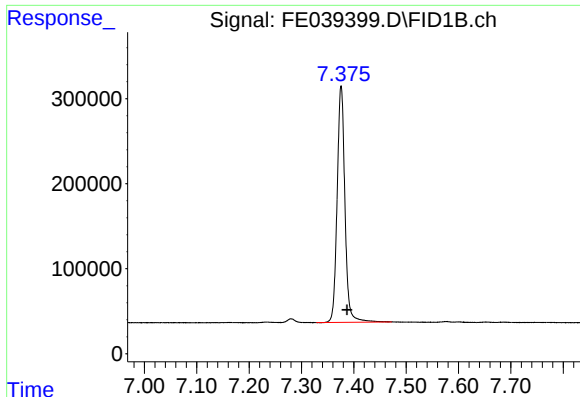
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.010 min
Response: 3049640
Conc: 21.10 ug/ml



#4 n-Dodecane (C12)

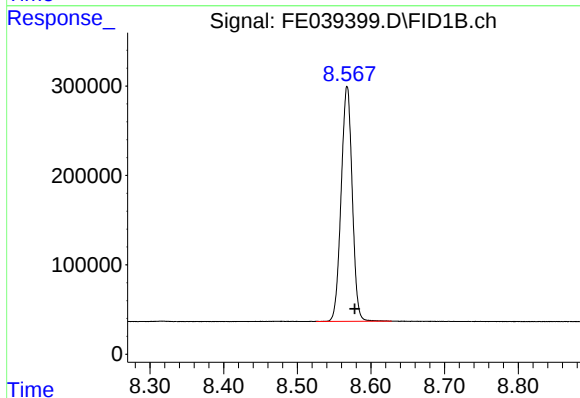
R.T.: 6.742 min
Delta R.T.: -0.009 min
Response: 2675193
Conc: 20.61 ug/ml



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

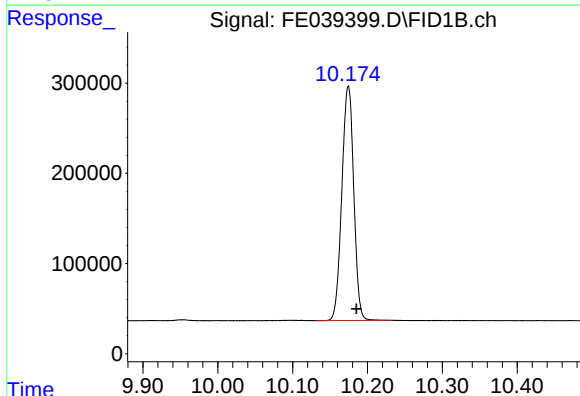
R.T.: 7.376 min
Delta R.T.: -0.011 min
Response: 2878332
Conc: 21.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



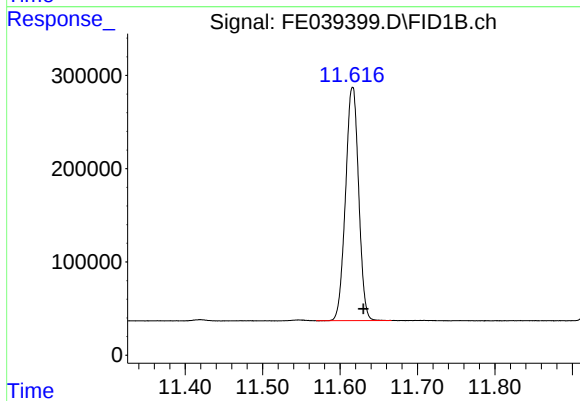
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.010 min
Response: 2749331
Conc: 20.75 ug/ml



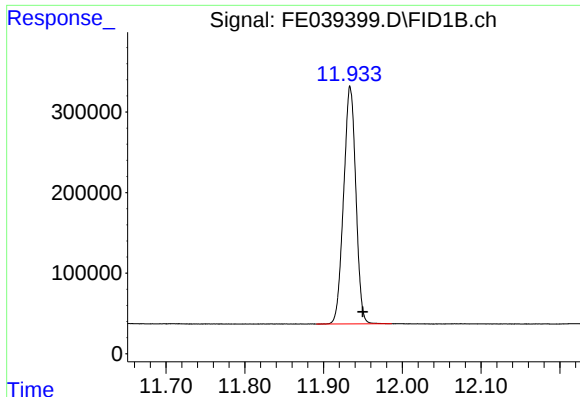
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.011 min
Response: 2877696
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

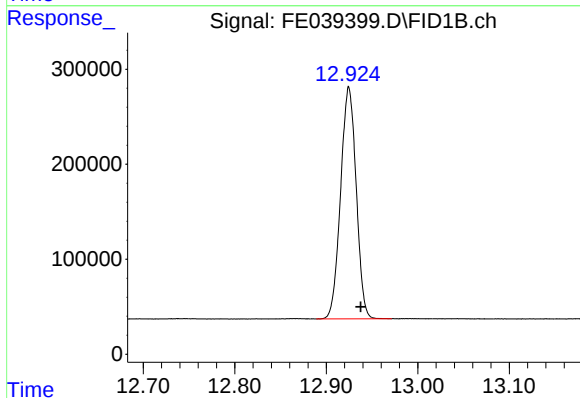
R.T.: 11.616 min
Delta R.T.: -0.014 min
Response: 2950877
Conc: 21.07 ug/ml



#9 ortho-Terphenyl (SURR)

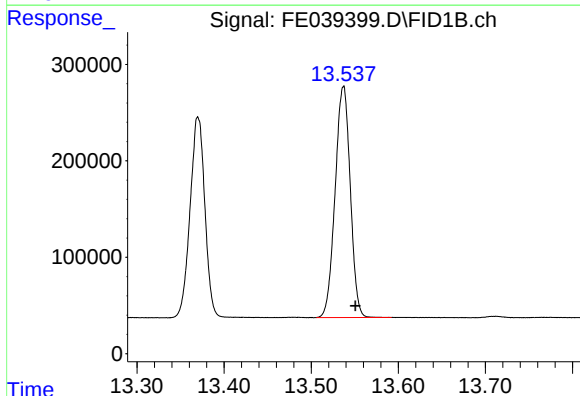
R.T.: 11.934 min
Delta R.T.: -0.016 min
Response: 3177734
Conc: 21.29 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



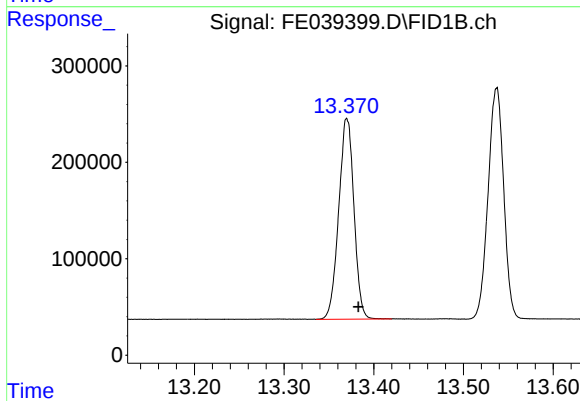
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.013 min
Response: 2889540
Conc: 21.17 ug/ml



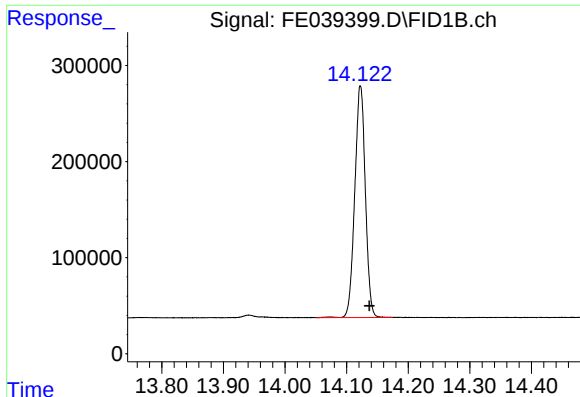
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.014 min
Response: 2897556
Conc: 21.24 ug/ml



#12 1-chlorooctadecane (SURR)

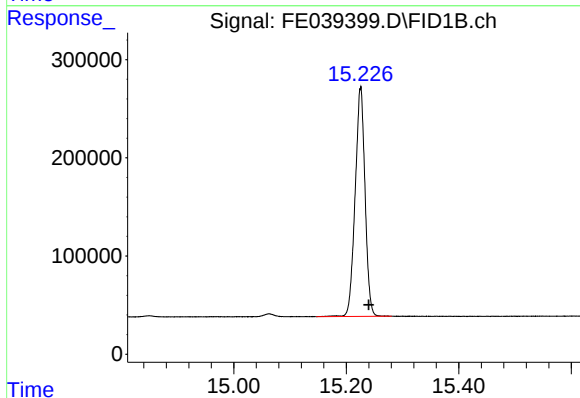
R.T.: 13.370 min
Delta R.T.: -0.013 min
Response: 2458261
Conc: 21.36 ug/ml



#13 n-Docosane (C22)

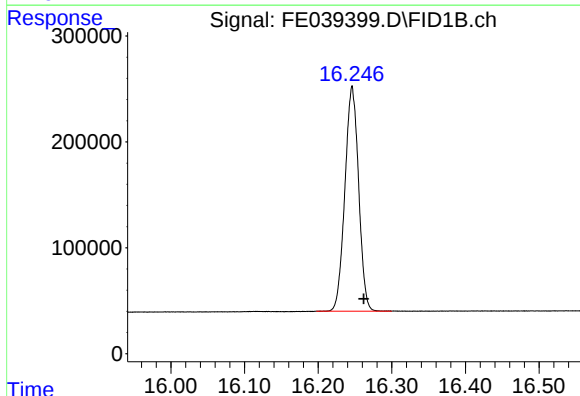
R.T.: 14.123 min
Delta R.T.: -0.015 min
Response: 2874630
Conc: 21.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



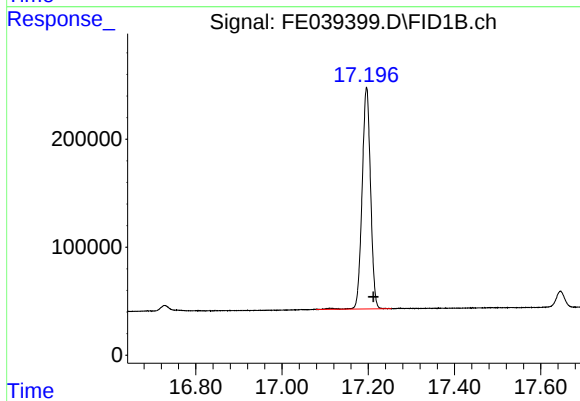
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.014 min
Response: 2848510
Conc: 21.22 ug/ml



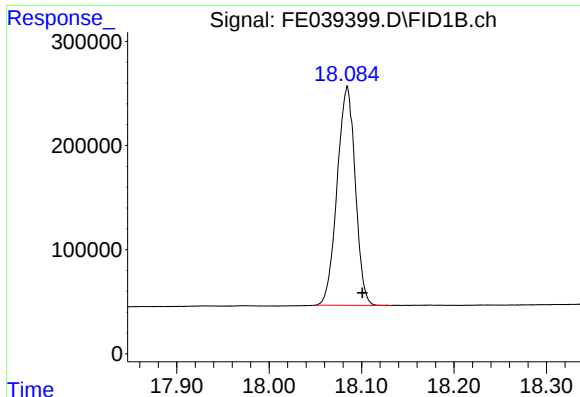
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.016 min
Response: 2750362
Conc: 21.12 ug/ml



#16 n-Octacosane (C28)

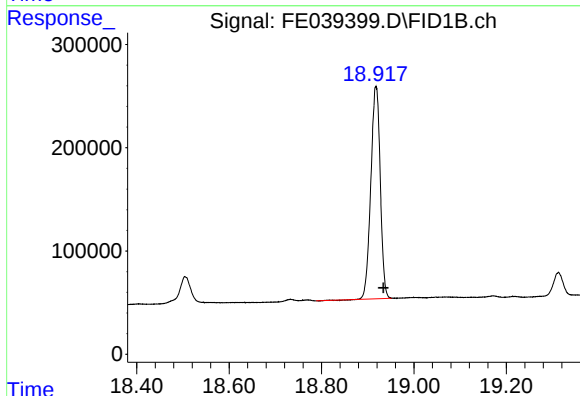
R.T.: 17.196 min
Delta R.T.: -0.016 min
Response: 2780266
Conc: 21.60 ug/ml



#17 n-Tricontane (C30)

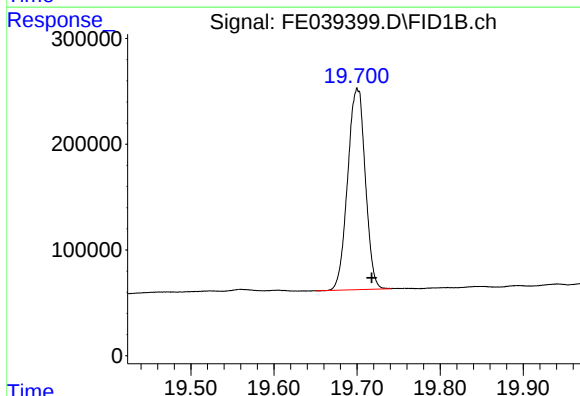
R.T.: 18.084 min
Delta R.T.: -0.016 min
Response: 2859383
Conc: 22.21 ug/ml

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20 PPM ALIPHATIC HC STD



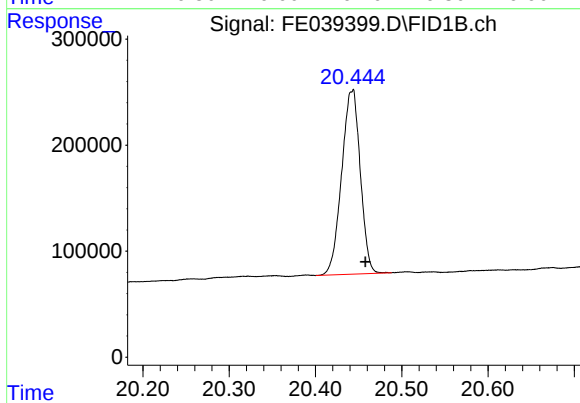
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.016 min
Response: 2916720
Conc: 22.52 ug/ml



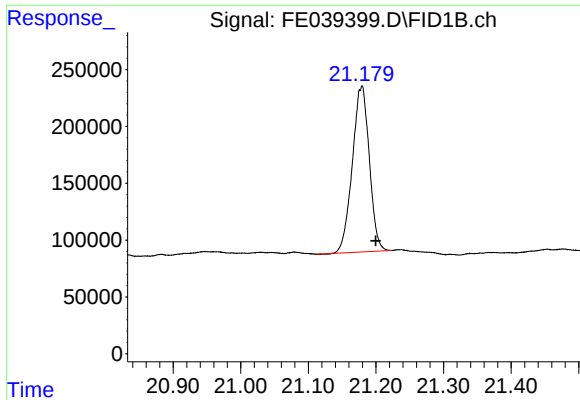
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.017 min
Response: 2802504
Conc: 22.21 ug/ml



#20 n-Hexatriacontane (C36)

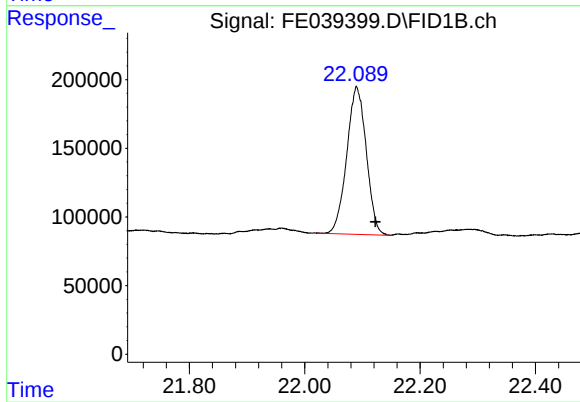
R.T.: 20.443 min
Delta R.T.: -0.015 min
Response: 2604200
Conc: 21.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.020 min
Response: 2545086
Conc: 20.61 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.090 min
Delta R.T.: -0.033 min
Response: 2523897
Conc: 20.10 ug/ml