

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053123AL\
 Data File : FE042329.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jun 2023 04:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 01 09:16:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.954	3424364	19.393 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
12) S 1-chlorooctadecane (S...	13.390	2510360	18.892 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
Target Compounds			
1) T n-Nonane (C9)	3.336	2874840	19.937 ug/ml
2) T n-Decane (C10)	4.587	2960304	19.997 ug/ml
3) T A~Naphthalene (C11.7)	6.295	3212132	19.687 ug/ml
4) T n-Dodecane (C12)	6.755	2991813	19.951 ug/ml
5) T A~2-methylnaphthalene...	7.392	3089964	19.470 ug/ml
6) T n-Tetradecane (C14)	8.584	2950622	19.696 ug/ml
7) T n-Hexadecane (C16)	10.191	3049229	19.575 ug/ml
8) T n-Octadecane (C18)	11.634	3067619	19.399 ug/ml
10) T n-Eicosane (C20)	12.944	2923286	19.285 ug/ml
11) T n-Heneicosane (C21)	13.556	2846597	19.214 ug/ml
13) T n-Docosane (C22)	14.143	2812747	19.187 ug/ml
14) T n-Tetracosane (C24)	15.246	2753835	19.077 ug/ml
15) T n-Hexacosane (C26)	16.266	2690689	19.428 ug/ml
16) T n-Octacosane (C28)	17.217	2665533	19.909 ug/ml
17) T n-Tricontane (C30)	18.105	2822364	20.908 ug/ml
18) T n-Dotriacontane (C32)	18.937	2838863	21.250 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2683407	20.404 ug/ml
20) T n-Hexatriacontane (C36)	20.462	2602440	20.023 ug/ml
21) T n-Octatriacontane (C38)	21.209	2594956	19.127 ug/ml
22) T n-Tetracontane (C40)	22.141	2523855	18.142 ug/ml

(f)=RT Delta > 1/2 Window

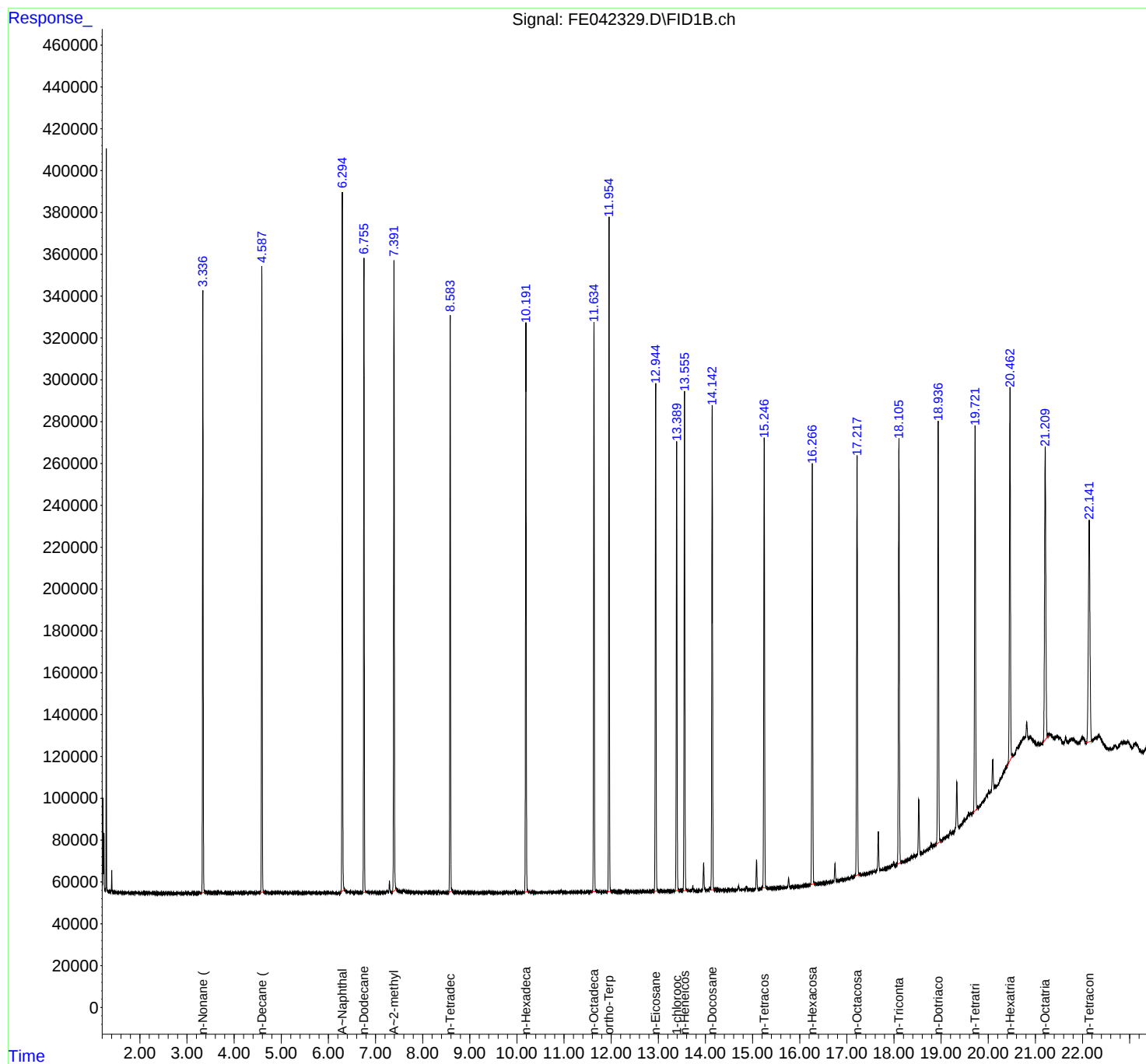
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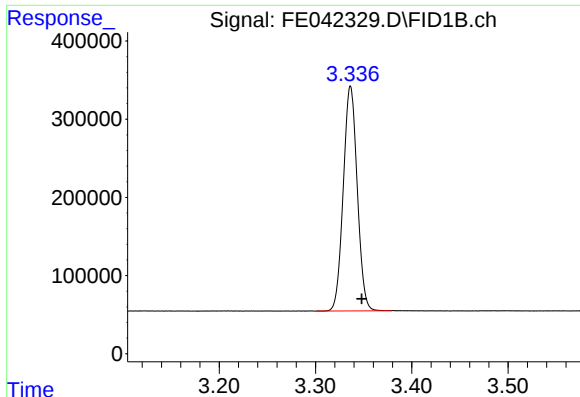
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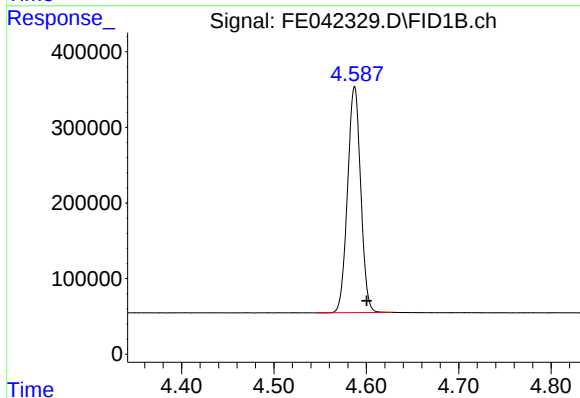




#1 n-Nonane (C9)

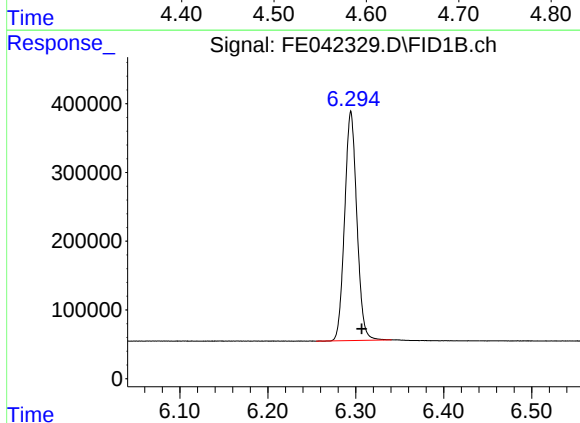
R.T.: 3.336 min
Delta R.T.: -0.012 min
Response: 2874840
Conc: 19.94 ug/ml

Instrument :
FID_E
ClientSampleId :



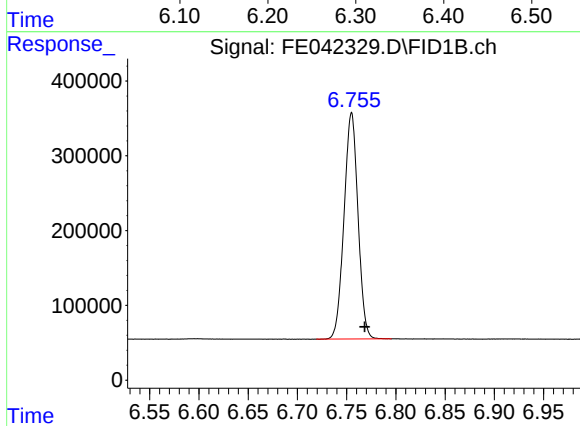
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.013 min
Response: 2960304
Conc: 20.00 ug/ml



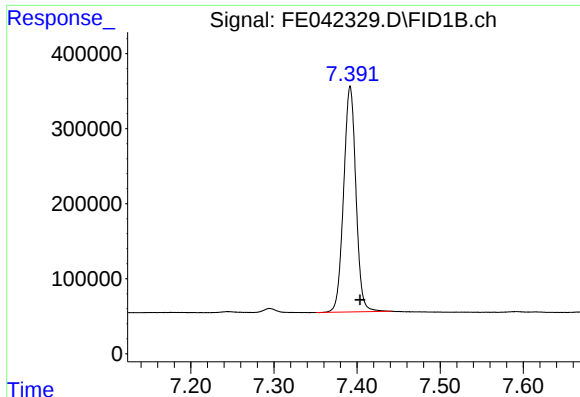
#3 A~Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: -0.012 min
Response: 3212132
Conc: 19.69 ug/ml



#4 n-Dodecane (C12)

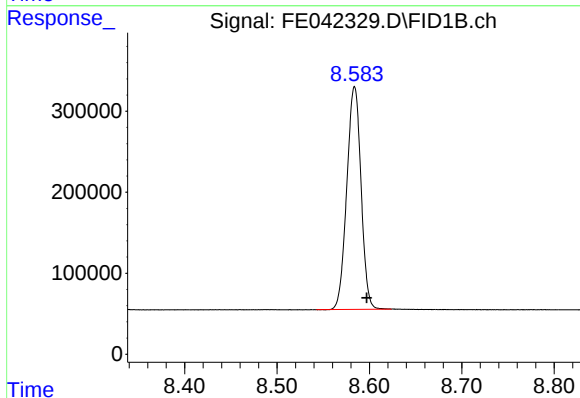
R.T.: 6.755 min
Delta R.T.: -0.013 min
Response: 2991813
Conc: 19.95 ug/ml



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

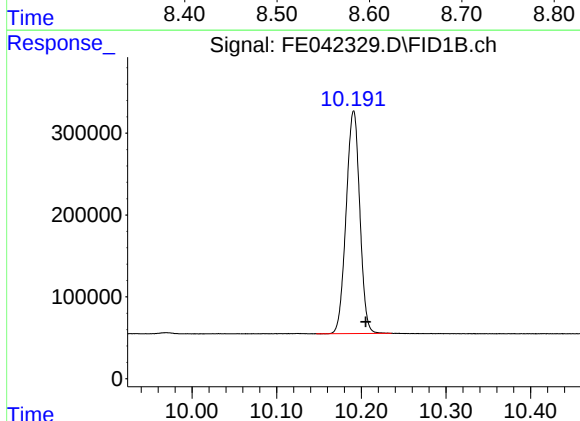
R.T.: 7.392 min
Delta R.T.: -0.012 min
Response: 3089964
Conc: 19.47 ug/ml

Instrument :
FID_E
ClientSampleId :



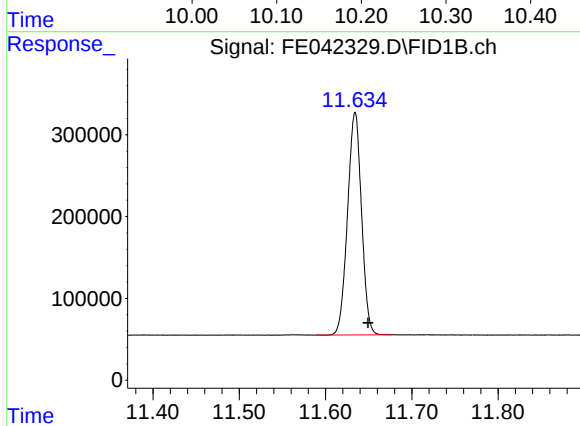
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.013 min
Response: 2950622
Conc: 19.70 ug/ml



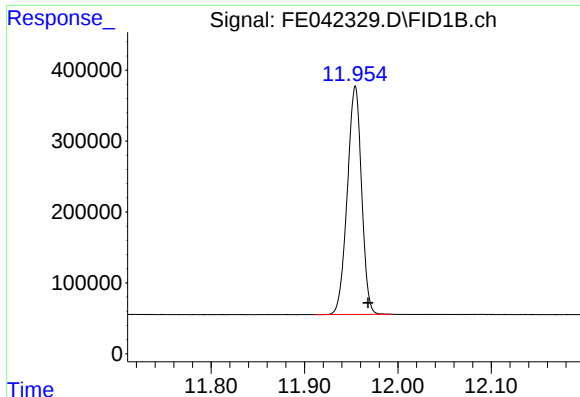
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.014 min
Response: 3049229
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

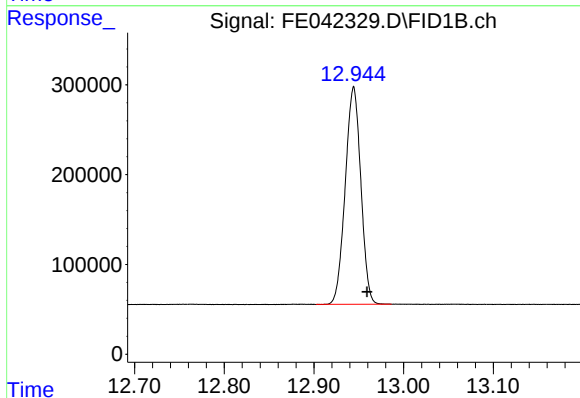
R.T.: 11.634 min
Delta R.T.: -0.015 min
Response: 3067619
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

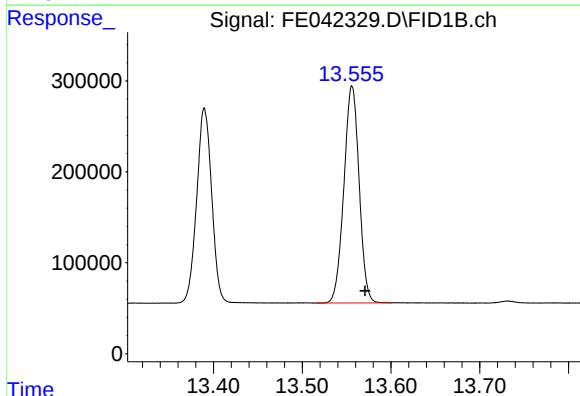
R.T.: 11.954 min
Delta R.T.: -0.014 min
Response: 3424364
Conc: 19.39 ug/ml

Instrument :
FID_E
ClientSampleId :



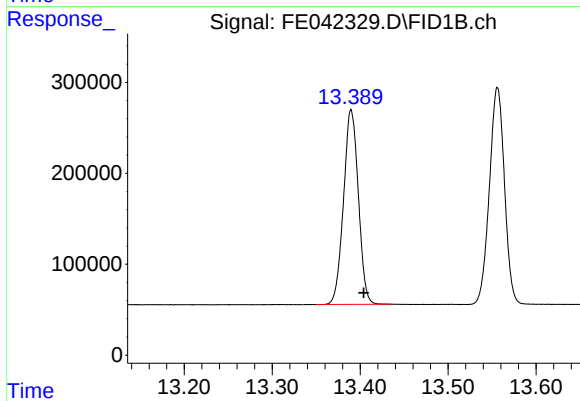
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.015 min
Response: 2923286
Conc: 19.29 ug/ml



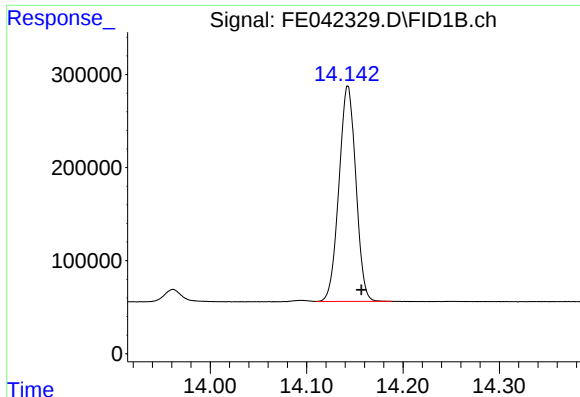
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: -0.015 min
Response: 2846597
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

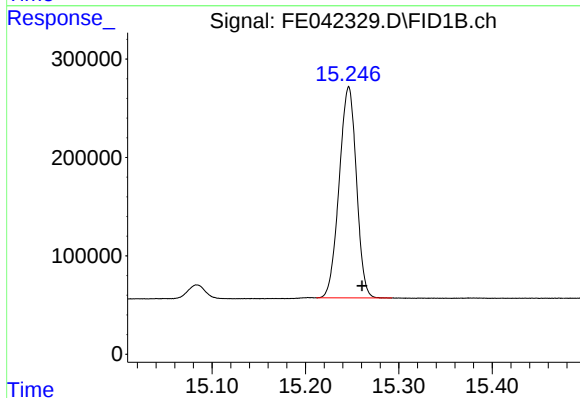
R.T.: 13.390 min
Delta R.T.: -0.014 min
Response: 2510360
Conc: 18.89 ug/ml



#13 n-Docosane (C22)

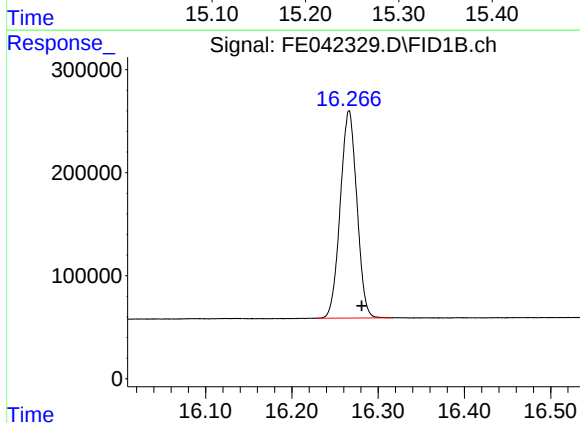
R.T.: 14.143 min
Delta R.T.: -0.014 min
Response: 2812747
Conc: 19.19 ug/ml

Instrument :
FID_E
ClientSampleId :



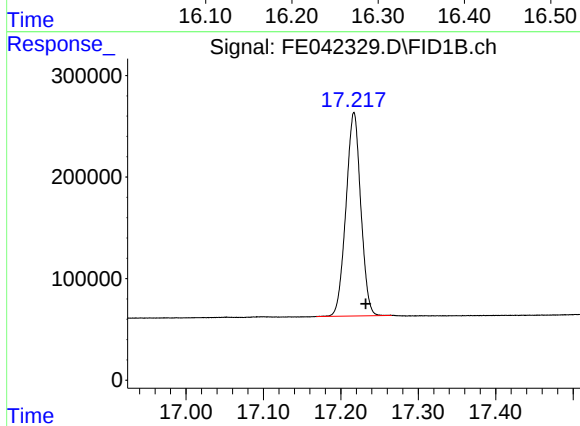
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.014 min
Response: 2753835
Conc: 19.08 ug/ml



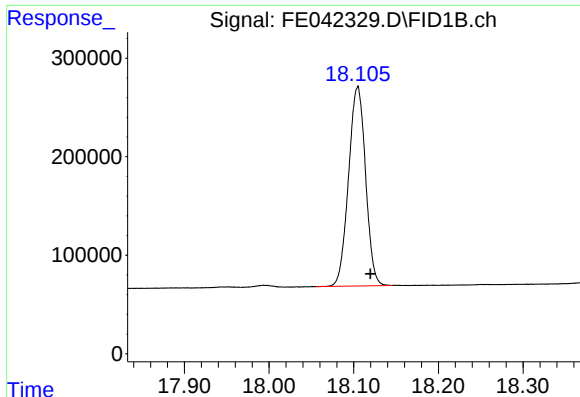
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: -0.015 min
Response: 2690689
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

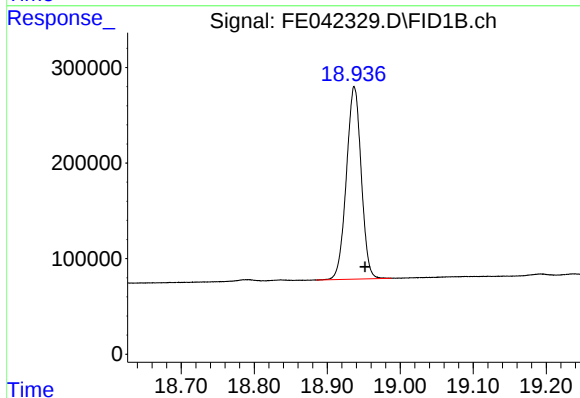
R.T.: 17.217 min
Delta R.T.: -0.015 min
Response: 2665533
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

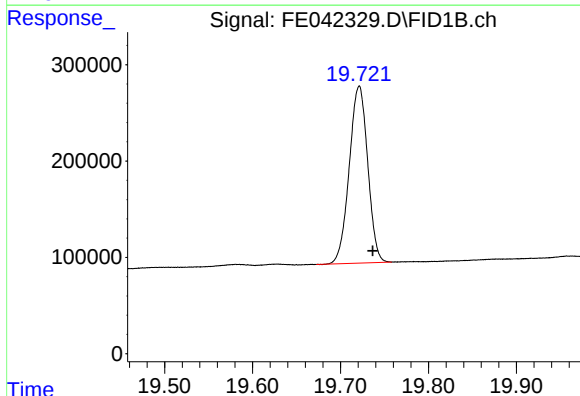
R.T.: 18.105 min
Delta R.T.: -0.015 min
Response: 2822364
Conc: 20.91 ug/ml

Instrument :
FID_E
ClientSampleId :



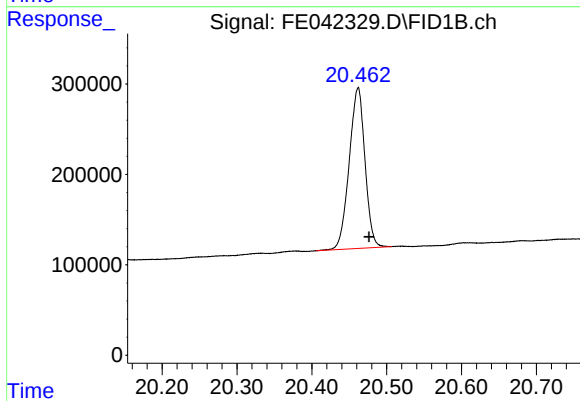
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.015 min
Response: 2838863
Conc: 21.25 ug/ml



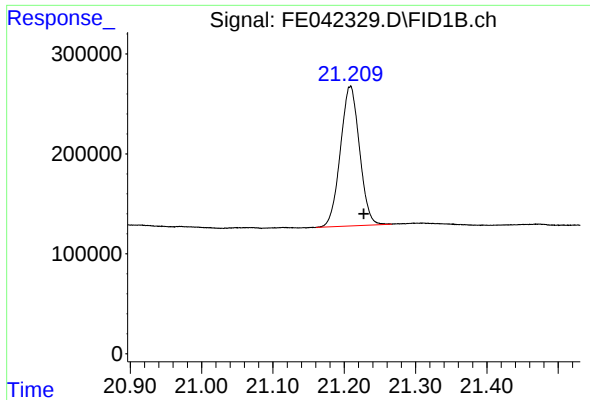
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.015 min
Response: 2683407
Conc: 20.40 ug/ml



#20 n-Hexatriacontane (C36)

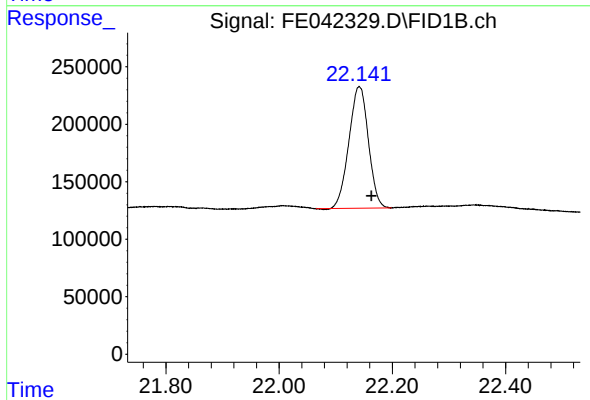
R.T.: 20.462 min
Delta R.T.: -0.015 min
Response: 2602440
Conc: 20.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.019 min
Response: 2594956
Conc: 19.13 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.022 min
Response: 2523855
Conc: 18.14 ug/ml