

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102324AL\
 Data File : FE050804.D
 Signal(s) : FID1B.ch
 Acq On : 23 Oct 2024 22:21
 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: Oct 24 02:32:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.859	3181062	20.177 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
12) S 1-chlorooctadecane (S...	13.292	2433349	20.570 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.247	2894583	20.487 ug/ml
2) T n-Decane (C10)	4.497	3003865	20.936 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2984507	20.872 ug/ml
4) T n-Dodecane (C12)	6.664	3004104	20.871 ug/ml
5) T A~2-methylnaphthalene...	7.305	2772504	20.928 ug/ml
6) T n-Tetradecane (C14)	8.492	2965856	20.731 ug/ml
7) T n-Hexadecane (C16)	10.097	3040176	20.658 ug/ml
8) T n-Octadecane (C18)	11.538	3046094	20.393 ug/ml
10) T n-Eicosane (C20)	12.846	2911802	20.305 ug/ml
11) T n-Heneicosane (C21)	13.457	2845766	20.264 ug/ml
13) T n-Docosane (C22)	14.043	2830468	20.175 ug/ml
14) T n-Tetracosane (C24)	15.144	2839779	20.101 ug/ml
15) T n-Hexacosane (C26)	16.165	2843098	20.204 ug/ml
16) T n-Octacosane (C28)	17.113	2880668	19.686 ug/ml
17) T n-Tricontane (C30)	18.000	3161609	19.884 ug/ml
18) T n-Dotriacontane (C32)	18.832	3272493	20.186 ug/ml
19) T n-Tetratriacontane (C34)	19.614	2965139	20.186 ug/ml
20) T n-Hexatriacontane (C36)	20.357	2616117	20.630 ug/ml
21) T n-Octatriacontane (C38)	21.080	2383294	19.275 ug/ml
22) T n-Tetracontane (C40)	21.965	2013129	18.079 ug/ml

(f)=RT Delta > 1/2 Window

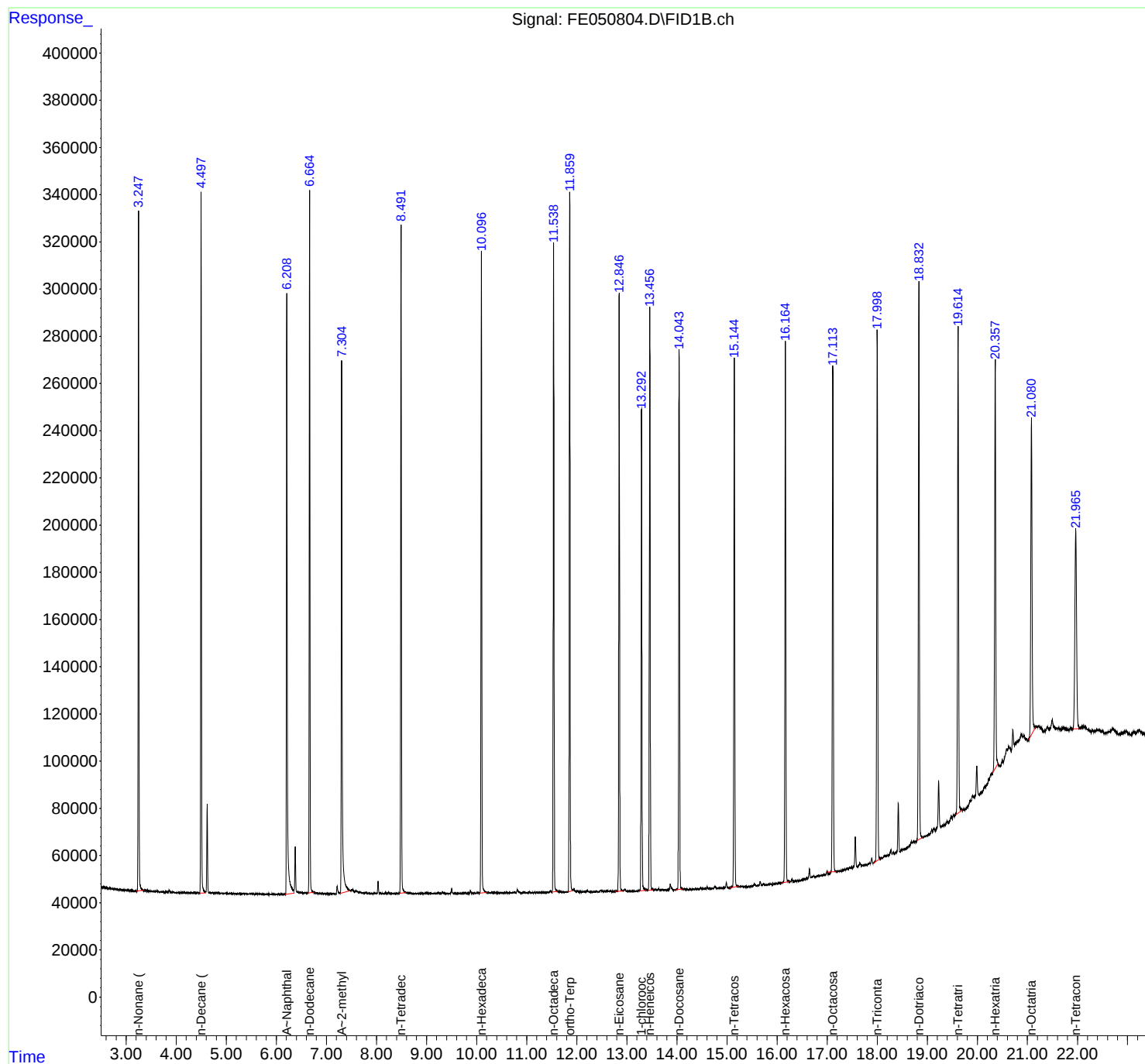
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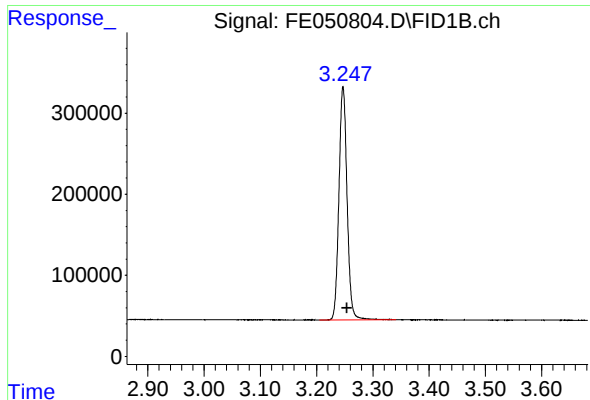
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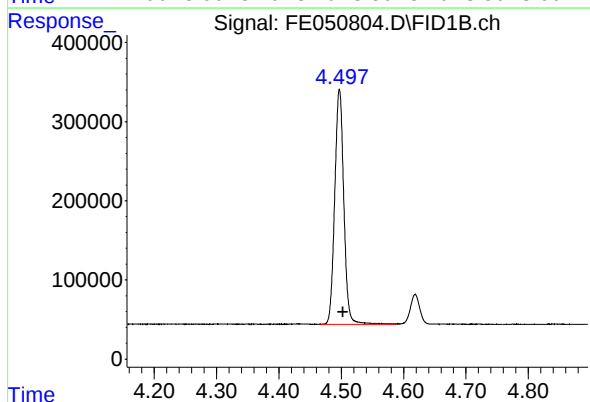




#1 n-Nonane (C9)

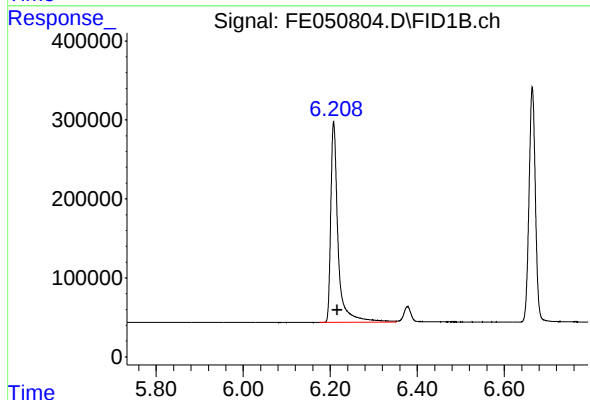
R.T.: 3.247 min
Delta R.T.: -0.007 min
Response: 2894583
Conc: 20.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



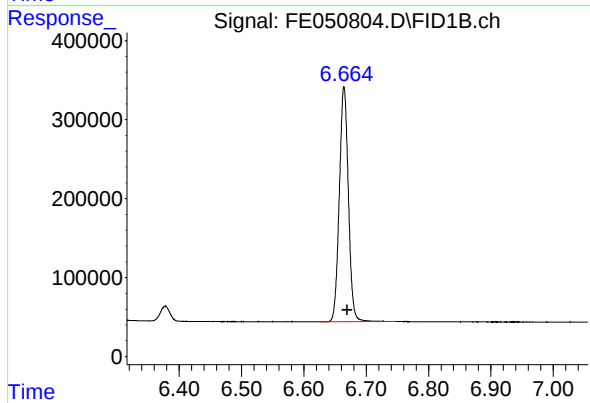
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: -0.006 min
Response: 3003865
Conc: 20.94 ug/ml



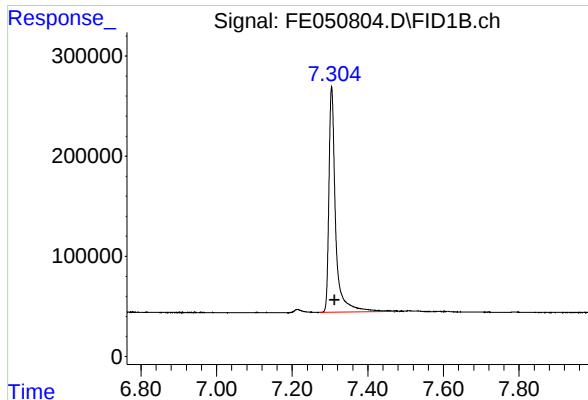
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.008 min
Response: 2984507
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

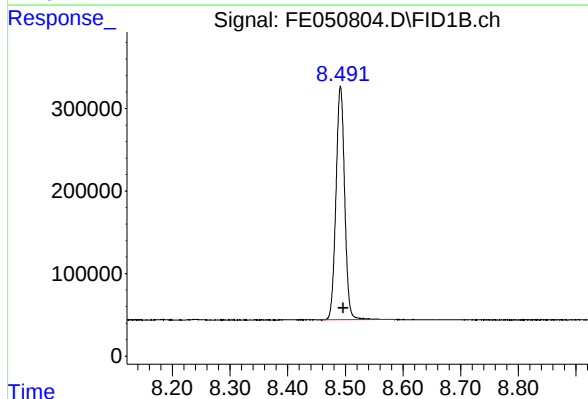
R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 3004104
Conc: 20.87 ug/ml



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

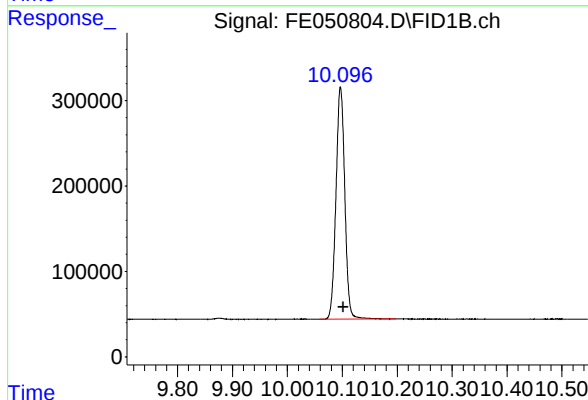
R.T.: 7.305 min
Delta R.T.: -0.008 min
Response: 2772504
Conc: 20.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



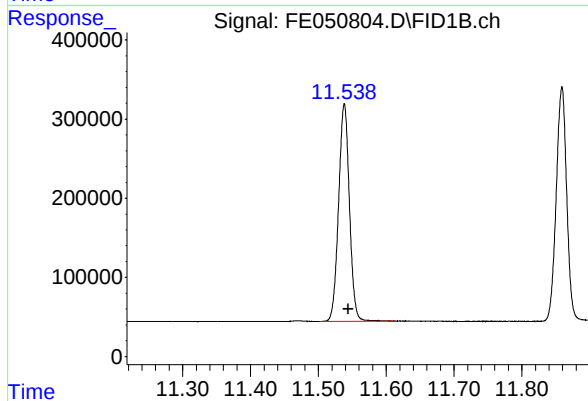
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.005 min
Response: 2965856
Conc: 20.73 ug/ml



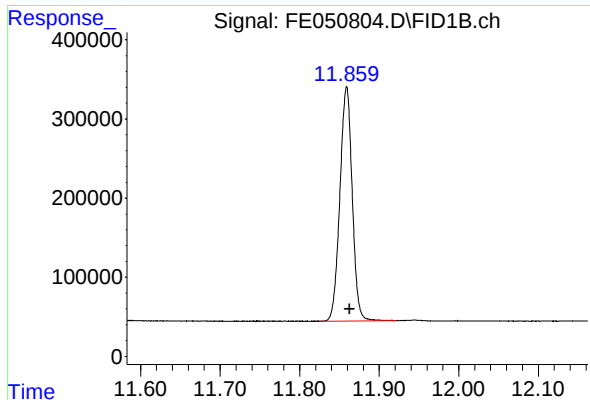
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.005 min
Response: 3040176
Conc: 20.66 ug/ml



#8 n-Octadecane (C18)

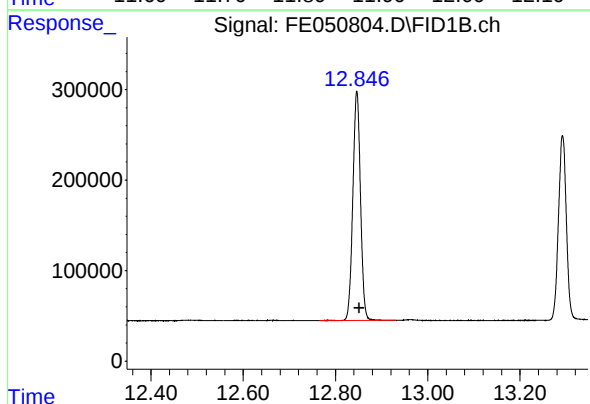
R.T.: 11.538 min
Delta R.T.: -0.006 min
Response: 3046094
Conc: 20.39 ug/ml



#9 ortho-Terphenyl (SURR)

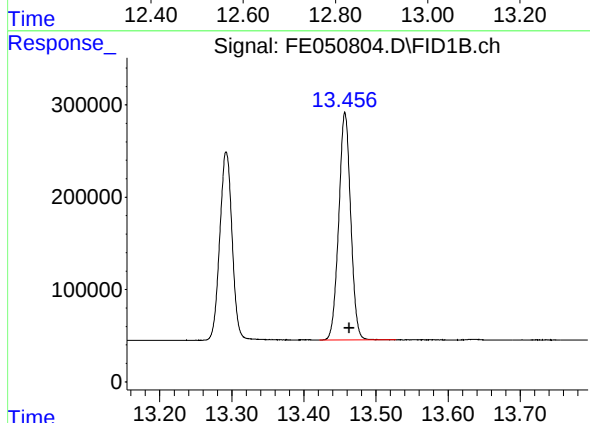
R.T.: 11.859 min
Delta R.T.: -0.004 min
Response: 3181062
Conc: 20.18 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



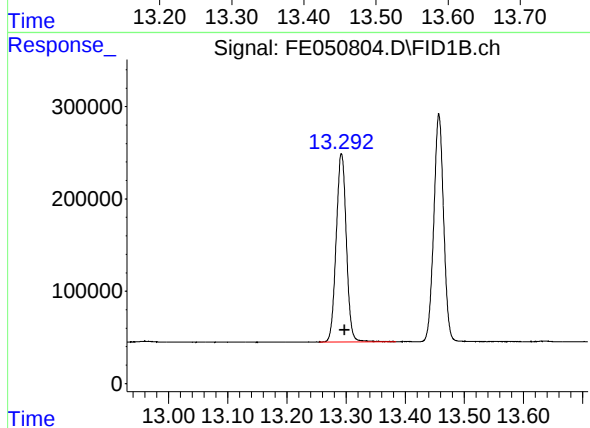
#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: -0.005 min
Response: 2911802
Conc: 20.31 ug/ml



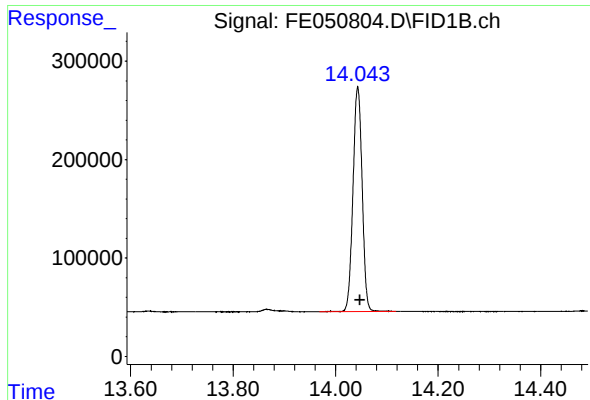
#11 n-Heneicosane (C21)

R.T.: 13.457 min
Delta R.T.: -0.006 min
Response: 2845766
Conc: 20.26 ug/ml



#12 1-chlorooctadecane (SURR)

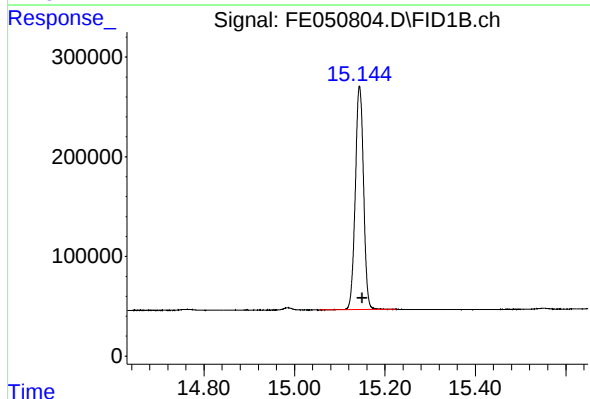
R.T.: 13.292 min
Delta R.T.: -0.005 min
Response: 2433349
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

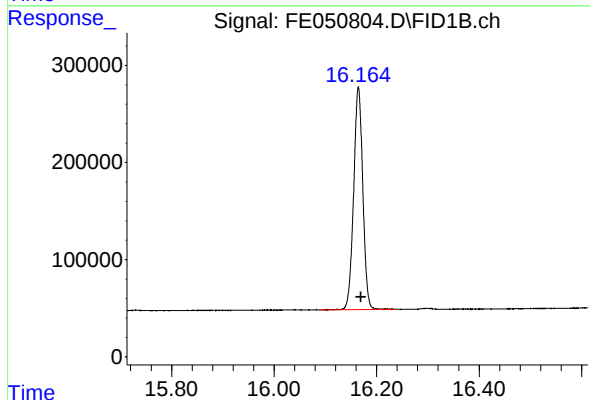
R.T.: 14.043 min
Delta R.T.: -0.005 min
Response: 2830468
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



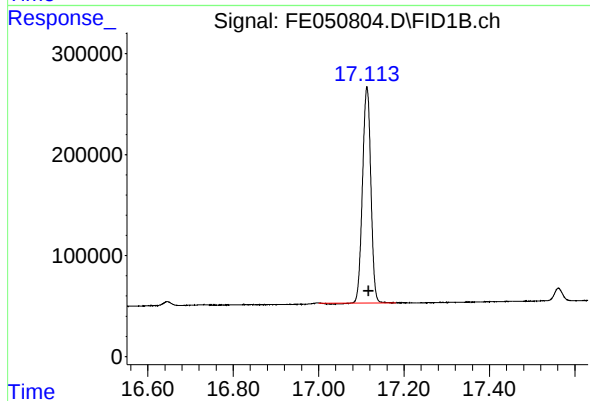
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.006 min
Response: 2839779
Conc: 20.10 ug/ml



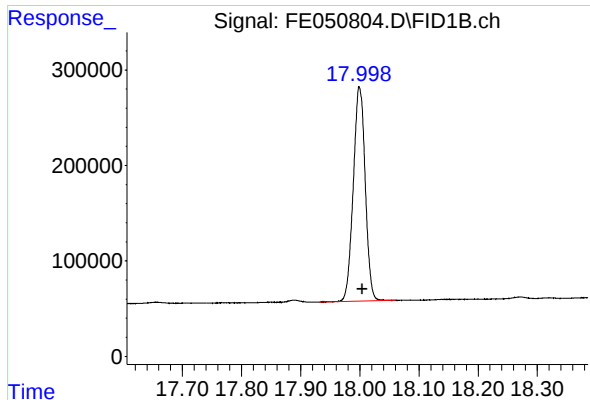
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.005 min
Response: 2843098
Conc: 20.20 ug/ml



#16 n-Octacosane (C28)

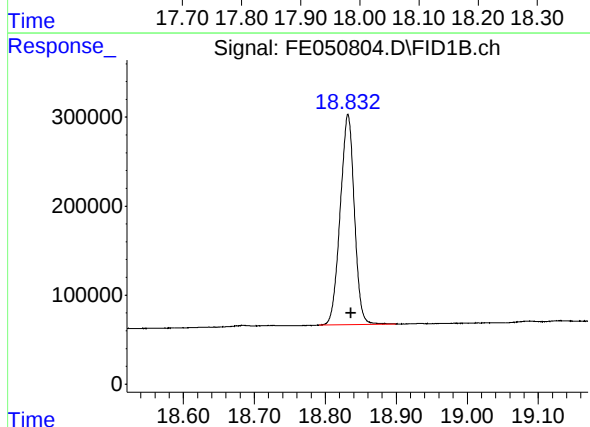
R.T.: 17.113 min
Delta R.T.: -0.004 min
Response: 2880668
Conc: 19.69 ug/ml



#17 n-Tricontane (C30)

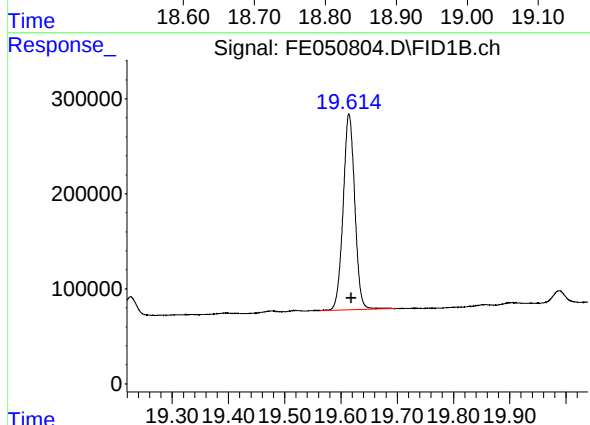
R.T.: 18.000 min
Delta R.T.: -0.005 min
Response: 3161609
Conc: 19.88 ug/ml

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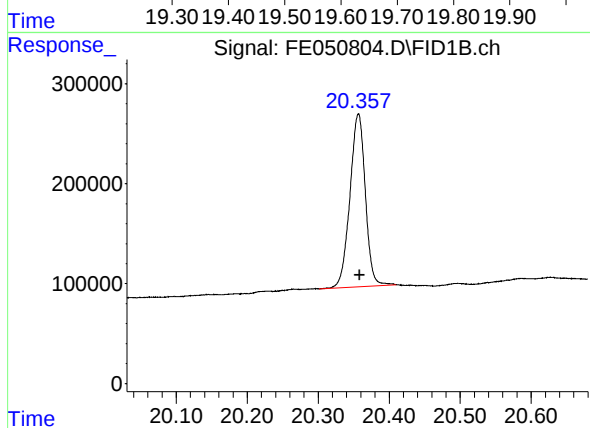
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.005 min
Response: 3272493
Conc: 20.19 ug/ml



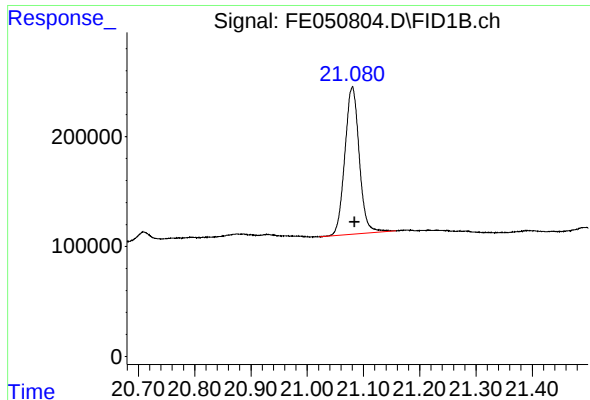
#19 n-Tetatriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.004 min
Response: 2965139
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

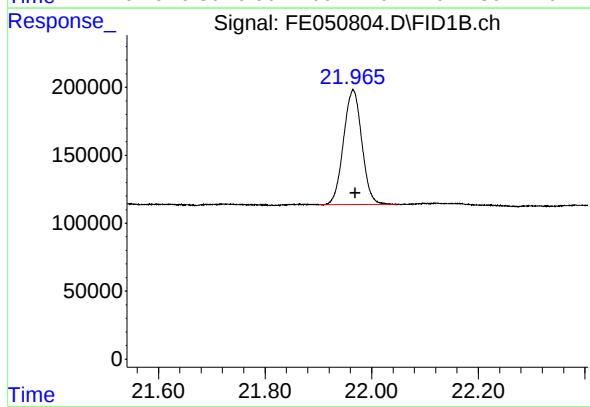
R.T.: 20.357 min
Delta R.T.: -0.002 min
Response: 2616117
Conc: 20.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: -0.004 min
Response: 2383294
Conc: 19.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.004 min
Response: 2013129
Conc: 18.08 ug/ml