

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110423AL\
 Data File : FE045197.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2023 03:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Nov 04 05:20:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.886	3952730	20.703 ug/ml
Spiked Amount 50.000		Recovery =	41.41%
12) S 1-chlorooctadecane (S...	13.328	2855134	20.729 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
Target Compounds			
1) T n-Nonane (C9)	3.273	3408530	20.633 ug/ml
2) T n-Decane (C10)	4.524	3491827	20.824 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3720724	20.844 ug/ml
4) T n-Dodecane (C12)	6.689	3528043	20.890 ug/ml
5) T A~2-methylnaphthalene...	7.320	3586061	20.883 ug/ml
6) T n-Tetradecane (C14)	8.516	3473991	20.844 ug/ml
7) T n-Hexadecane (C16)	10.127	3503004	20.826 ug/ml
8) T n-Octadecane (C18)	11.572	3474427	20.759 ug/ml
10) T n-Eicosane (C20)	12.884	3283716	20.729 ug/ml
11) T n-Heneicosane (C21)	13.497	3181751	20.693 ug/ml
13) T n-Docosane (C22)	14.084	3142379	20.740 ug/ml
14) T n-Tetracosane (C24)	15.188	3111055	21.005 ug/ml
15) T n-Hexacosane (C26)	16.211	3067774	21.047 ug/ml
16) T n-Octacosane (C28)	17.162	3090106	21.146 ug/ml
17) T n-Tricontane (C30)	18.051	3208591	21.123 ug/ml
18) T n-Dotriacontane (C32)	18.886	3297862	21.110 ug/ml
19) T n-Tetratriacontane (C34)	19.673	3304010	21.161 ug/ml
20) T n-Hexatriacontane (C36)	20.415	3328317	20.505 ug/ml
21) T n-Octatriacontane (C38)	21.151	3468803	20.878 ug/ml
22) T n-Tetracontane (C40)	22.065	3505860	20.525 ug/ml

(f)=RT Delta > 1/2 Window

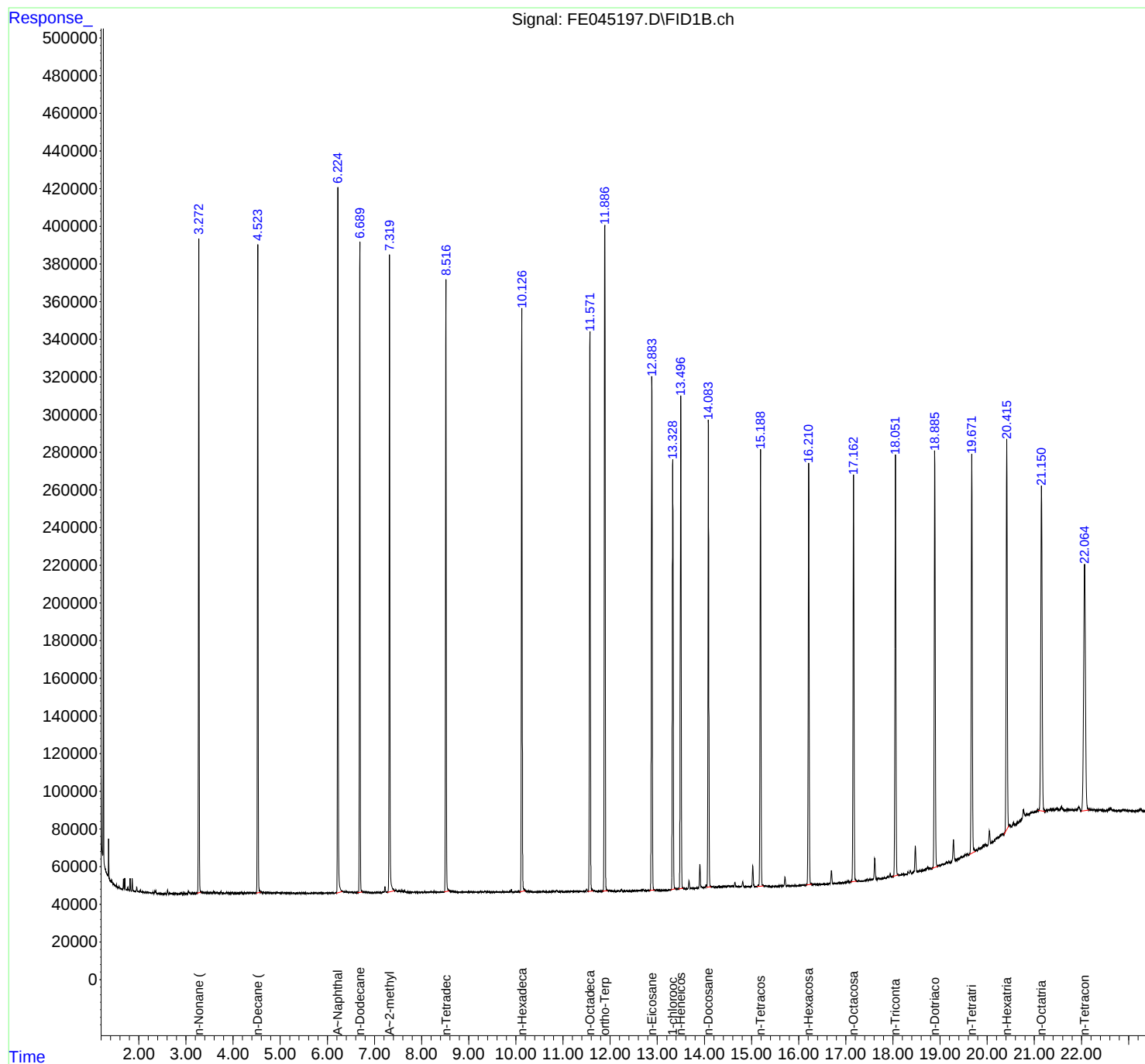
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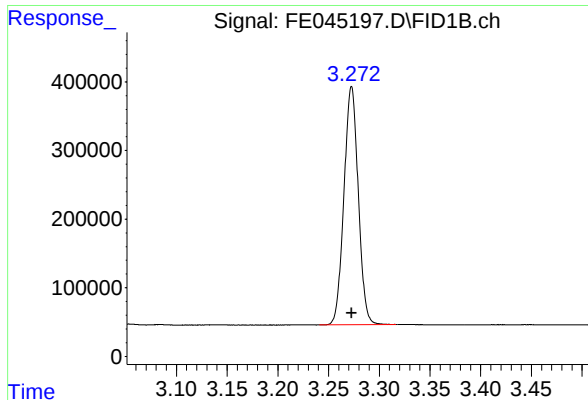
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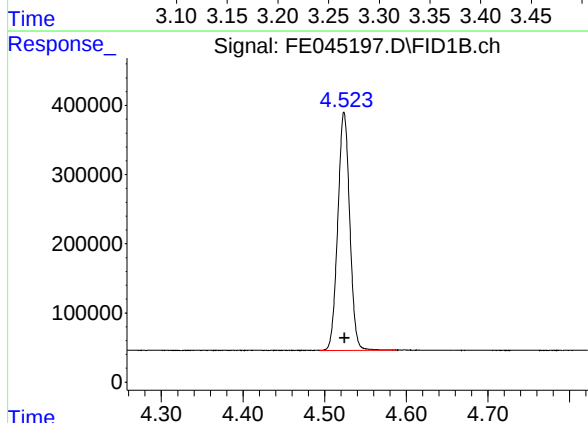




#1 n-Nonane (C9)

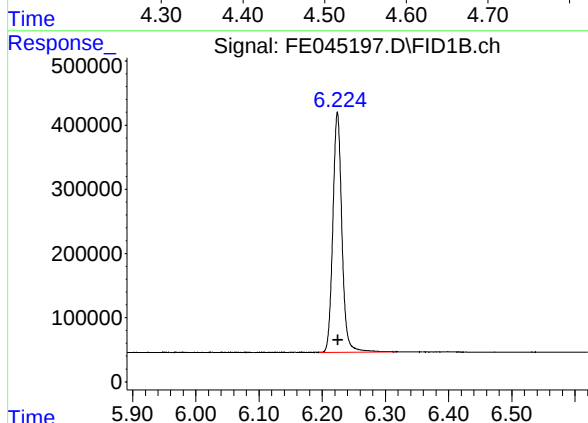
R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 3408530
Conc: 20.63 ug/ml

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20 PPM ALIPHATIC HC STD ICV



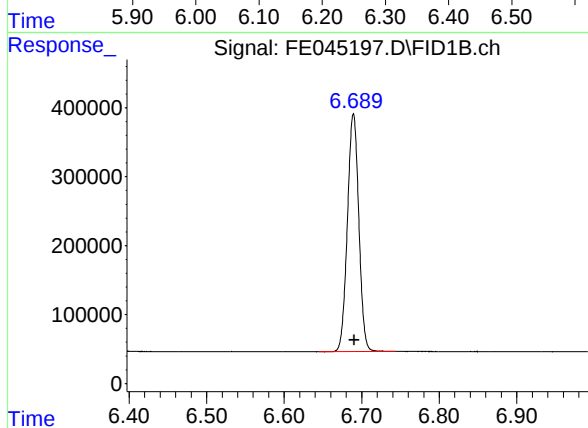
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 3491827
Conc: 20.82 ug/ml



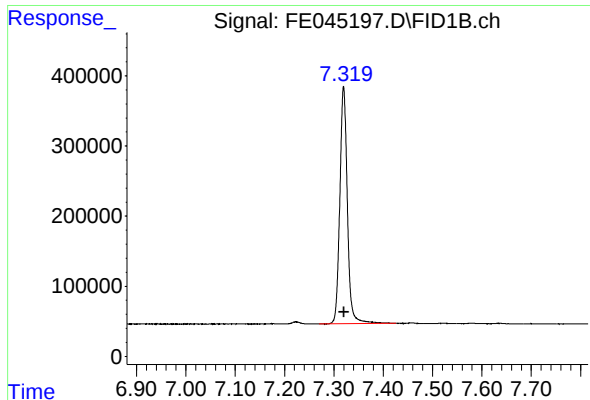
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 3720724
Conc: 20.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 3528043
Conc: 20.89 ug/ml



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

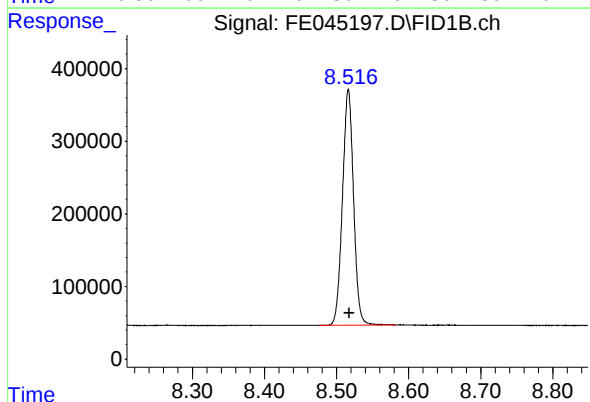
R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 3586061
Conc: 20.88 ug/ml

Instrument :

FID_E

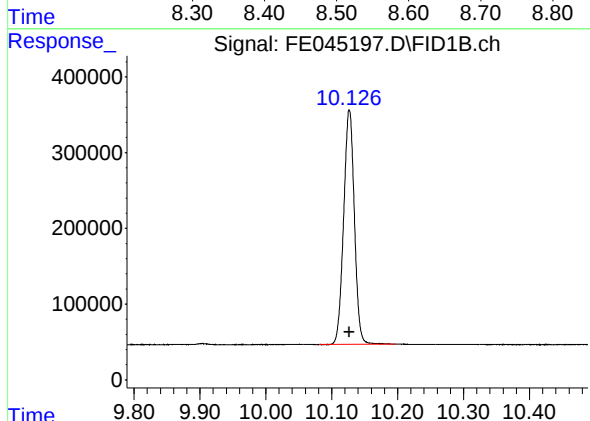
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



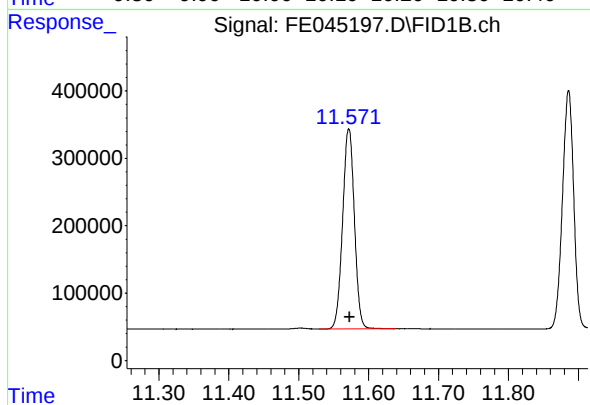
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.001 min
Response: 3473991
Conc: 20.84 ug/ml



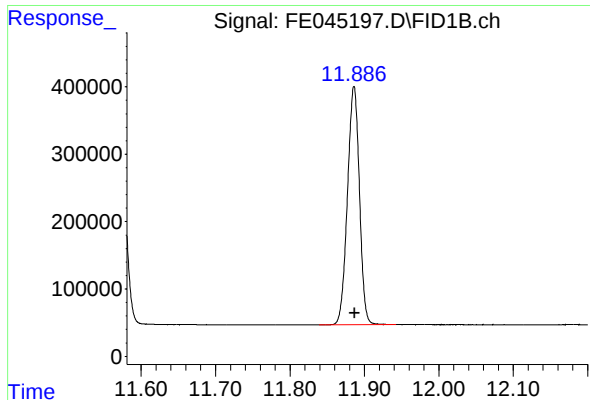
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: 0.000 min
Response: 3503004
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.572 min
Delta R.T.: -0.001 min
Response: 3474427
Conc: 20.76 ug/ml



#9 ortho-Terphenyl (SURR)

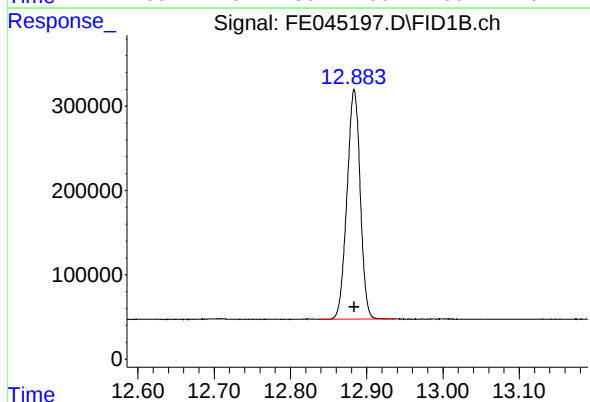
R.T.: 11.886 min
Delta R.T.: 0.000 min
Response: 3952730
Conc: 20.70 ug/ml

Instrument :

FID_E

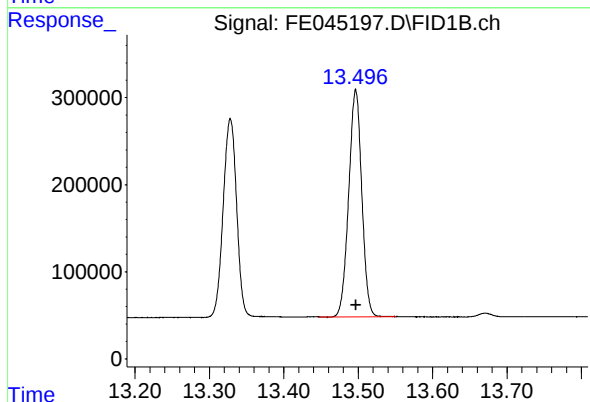
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



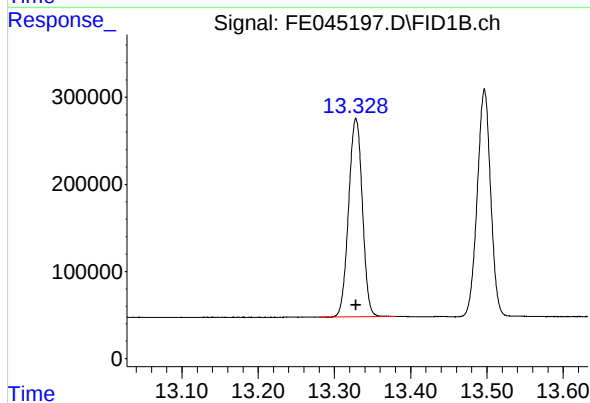
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: 0.000 min
Response: 3283716
Conc: 20.73 ug/ml



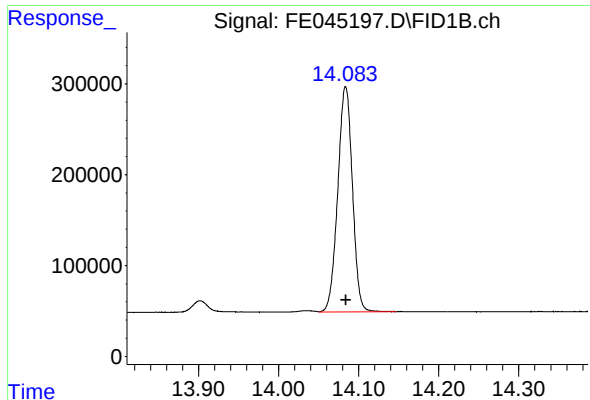
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: 0.000 min
Response: 3181751
Conc: 20.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.328 min
Delta R.T.: 0.000 min
Response: 2855134
Conc: 20.73 ug/ml



#13 n-Docosane (C22)

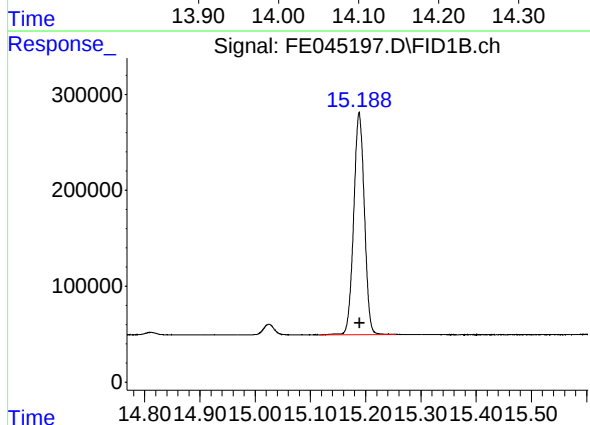
R.T.: 14.084 min
Delta R.T.: 0.000 min
Response: 3142379
Conc: 20.74 ug/ml

Instrument :

FID_E

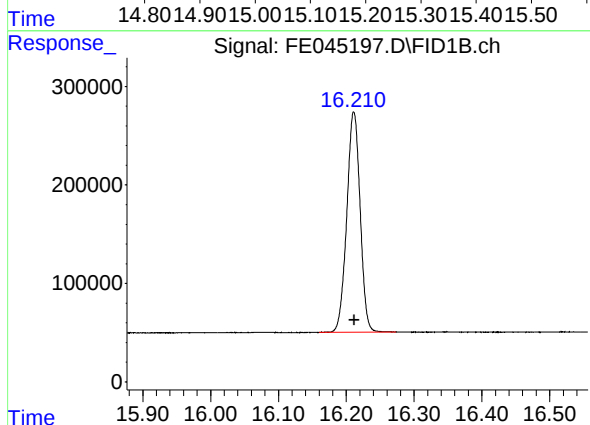
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



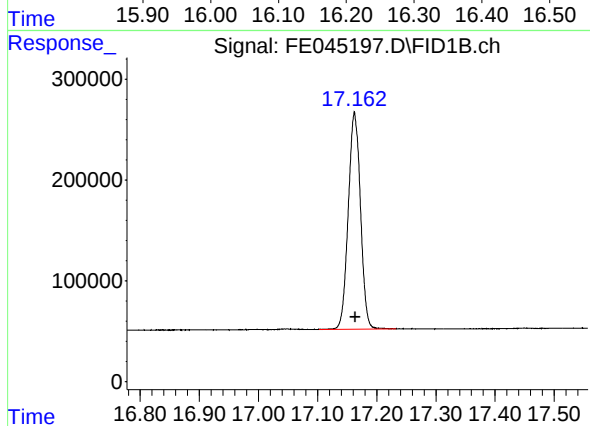
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: 0.000 min
Response: 3111055
Conc: 21.00 ug/ml



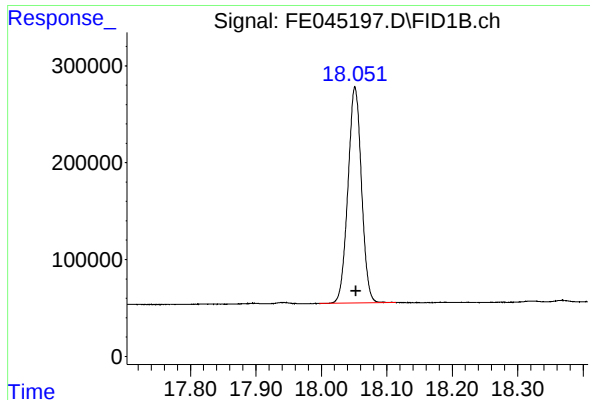
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: 0.000 min
Response: 3067774
Conc: 21.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.162 min
Delta R.T.: -0.001 min
Response: 3090106
Conc: 21.15 ug/ml



#17 n-Tricontane (C30)

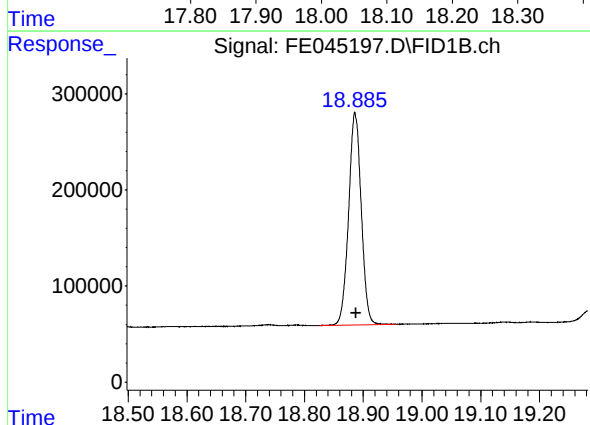
R.T.: 18.051 min
Delta R.T.: -0.001 min
Response: 3208591
Conc: 21.12 ug/ml

Instrument :

FID_E

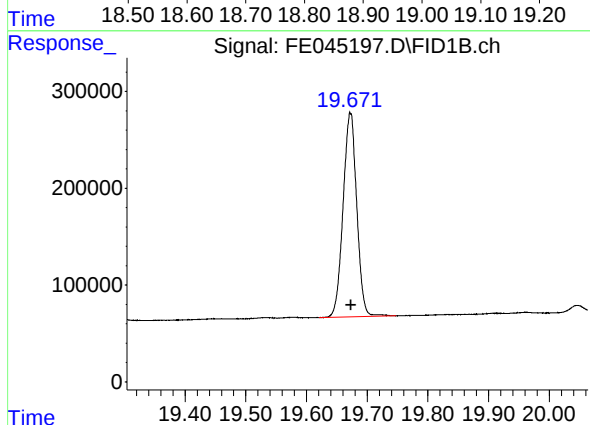
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



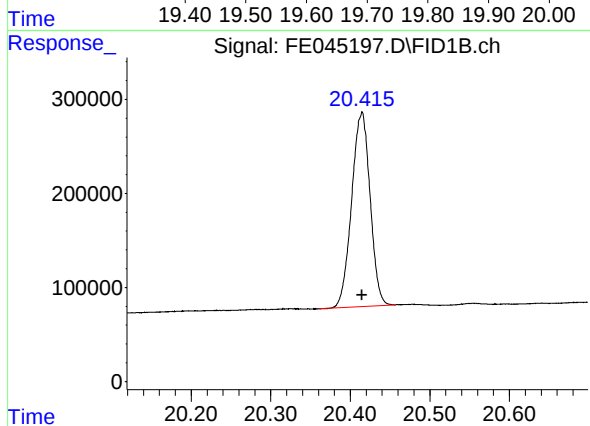
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.002 min
Response: 3297862
Conc: 21.11 ug/ml



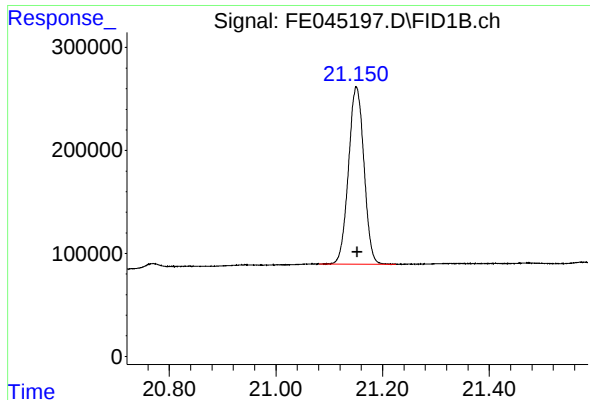
#19 n-Tetatriacontane (C34)

R.T.: 19.673 min
Delta R.T.: 0.000 min
Response: 3304010
Conc: 21.16 ug/ml



#20 n-Hexatriacontane (C36)

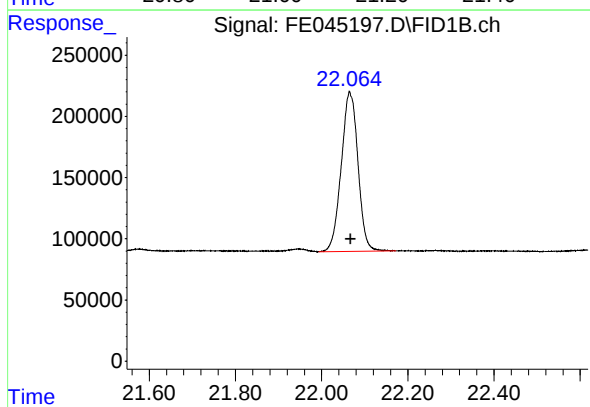
R.T.: 20.415 min
Delta R.T.: 0.000 min
Response: 3328317
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: -0.002 min
Response: 3468803
Conc: 20.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.065 min
Delta R.T.: -0.003 min
Response: 3505860
Conc: 20.53 ug/ml