

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052024AL\
 Data File : FE048279.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2024 13:02
 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: May 21 01:22:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.958	2405877	16.677 ug/ml
Spiked Amount 50.000		Recovery =	33.35%
12) S 1-chlorooctadecane (S...	13.393	1832956	16.404 ug/ml
Spiked Amount 50.000		Recovery =	32.81%
Target Compounds			
1) T n-Nonane (C9)	3.345	2291237	17.778 ug/ml
2) T n-Decane (C10)	4.593	2454867	18.646 ug/ml
3) T A~Naphthalene (C11.7)	6.300	2415730	17.495 ug/ml
4) T n-Dodecane (C12)	6.759	2437314	18.283 ug/ml
5) T A~2-methylnaphthalene...	7.397	2289817	17.207 ug/ml
6) T n-Tetradecane (C14)	8.587	2349828	17.732 ug/ml
7) T n-Hexadecane (C16)	10.195	2368241	17.219 ug/ml
8) T n-Octadecane (C18)	11.638	2350201	16.872 ug/ml
10) T n-Eicosane (C20)	12.947	2252404	16.729 ug/ml
11) T n-Heneicosane (C21)	13.558	2194165	16.575 ug/ml
13) T n-Docosane (C22)	14.144	2238418	16.891 ug/ml
14) T n-Tetracosane (C24)	15.246	2362320	17.741 ug/ml
15) T n-Hexacosane (C26)	16.267	2460306	18.437 ug/ml
16) T n-Octacosane (C28)	17.215	2634826	19.789 ug/ml
17) T n-Tricontane (C30)	18.102	2913011	21.107 ug/ml
18) T n-Dotriacontane (C32)	18.934	2934023	21.242 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2699401	19.816 ug/ml
20) T n-Hexatriacontane (C36)	20.457	2483373	18.341 ug/ml
21) T n-Octatriacontane (C38)	21.194	2335260	16.914 ug/ml
22) T n-Tetracontane (C40)	22.118	2335994	16.767 ug/ml

(f)=RT Delta > 1/2 Window

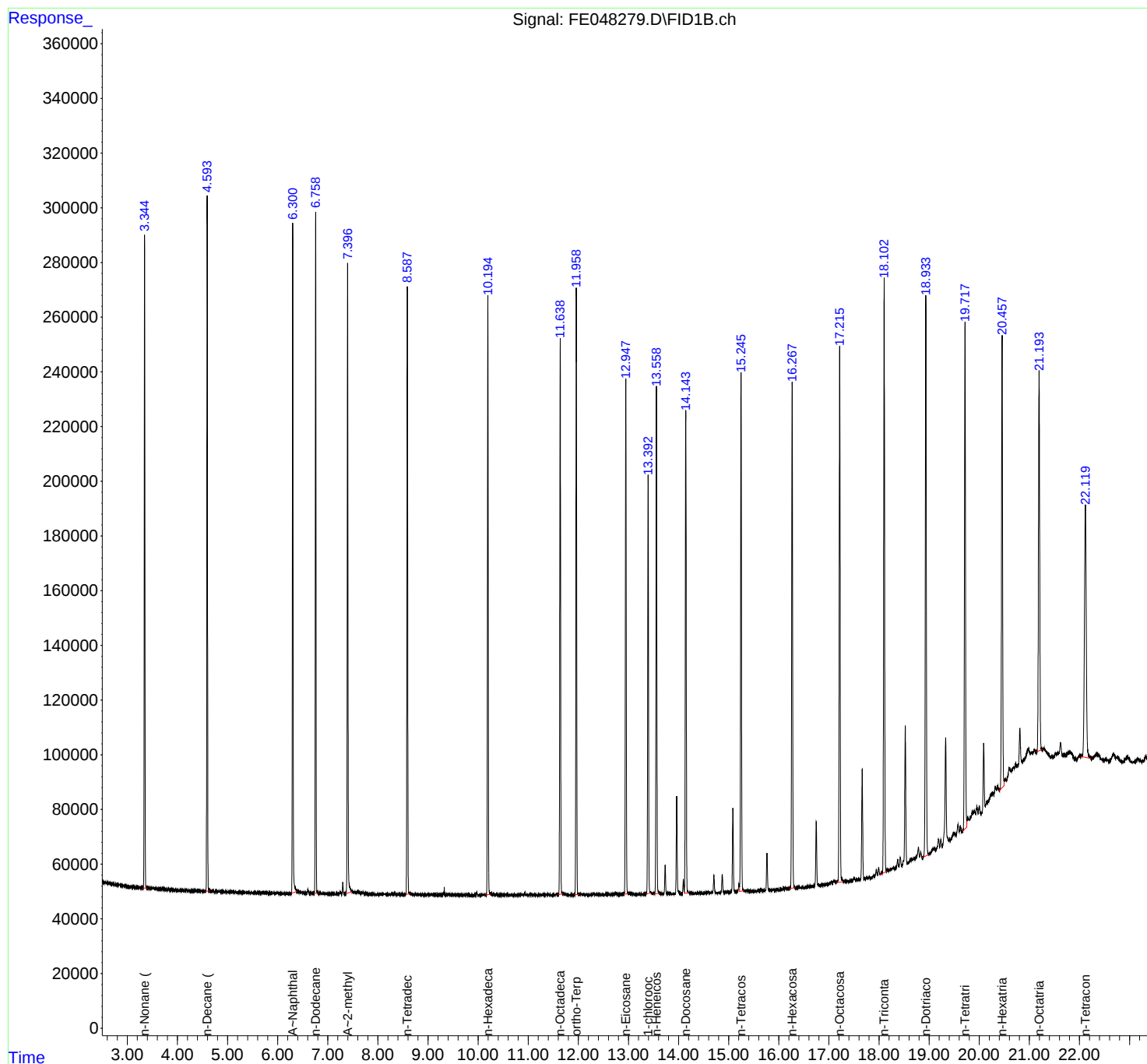
(m)=manual int.

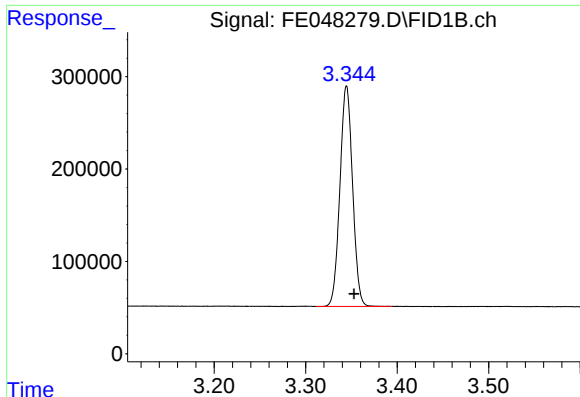
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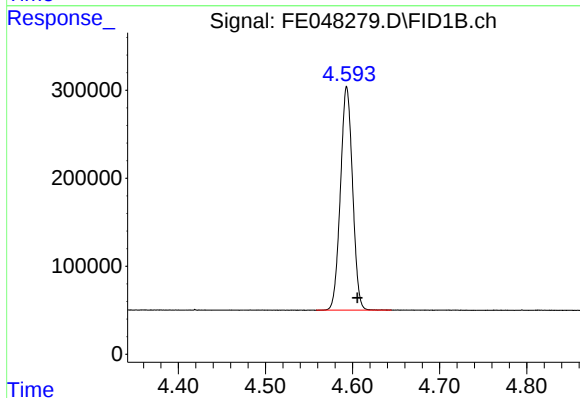




#1 n-Nonane (C9)

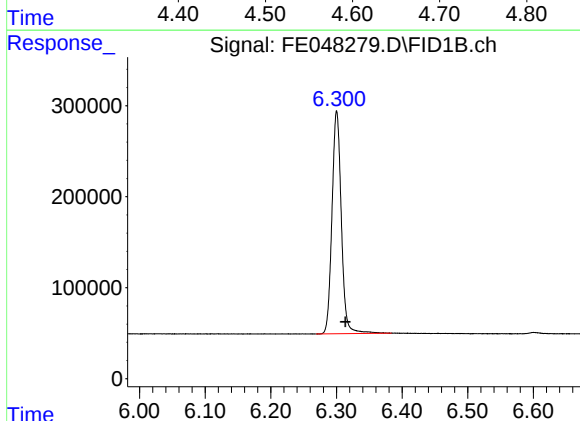
R.T.: 3.345 min
Delta R.T.: -0.008 min
Response: 2291237
Conc: 17.78 ug/ml

Instrument :
FID_E
ClientSampleId :



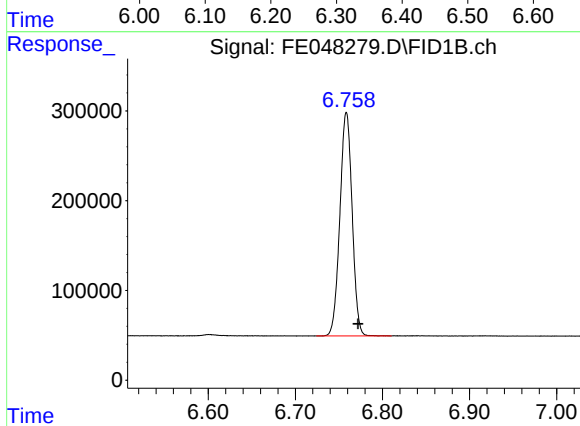
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.012 min
Response: 2454867
Conc: 18.65 ug/ml



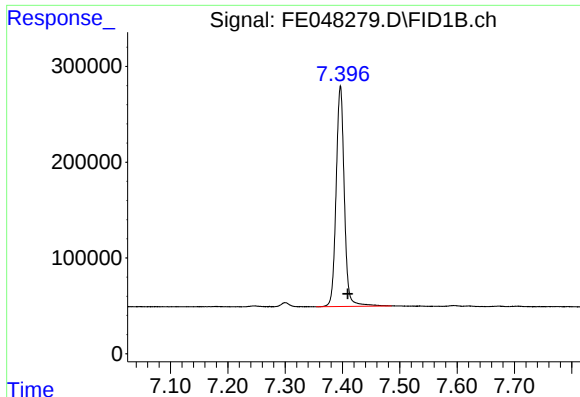
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.013 min
Response: 2415730
Conc: 17.49 ug/ml



#4 n-Dodecane (C12)

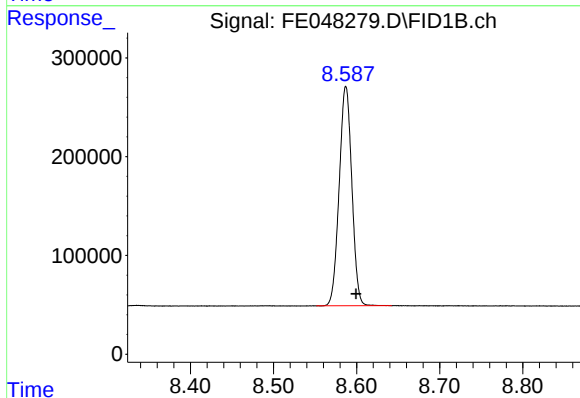
R.T.: 6.759 min
Delta R.T.: -0.013 min
Response: 2437314
Conc: 18.28 ug/ml



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

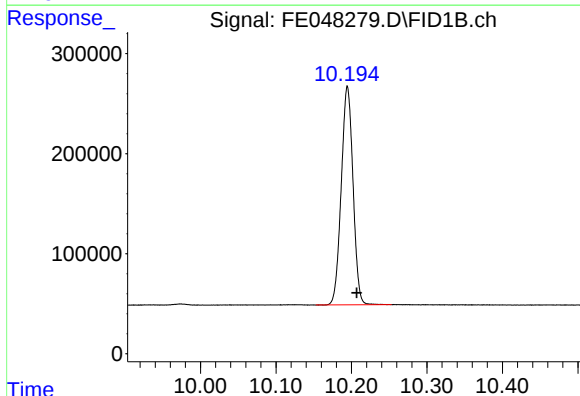
R.T.: 7.397 min
Delta R.T.: -0.012 min
Response: 2289817
Conc: 17.21 ug/ml

Instrument :
FID_E
ClientSampleId :



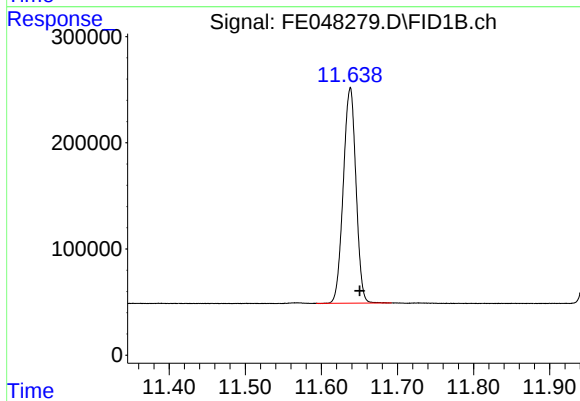
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: -0.012 min
Response: 2349828
Conc: 17.73 ug/ml



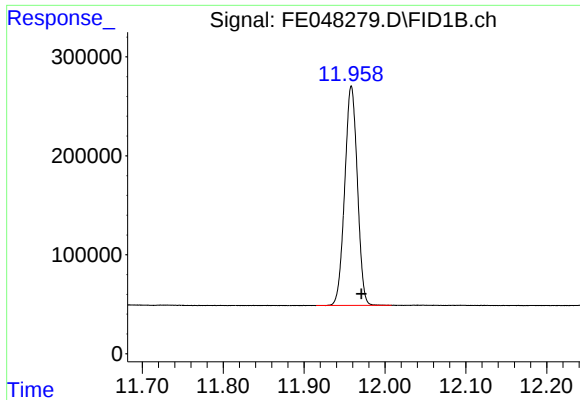
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: -0.012 min
Response: 2368241
Conc: 17.22 ug/ml



#8 n-Octadecane (C18)

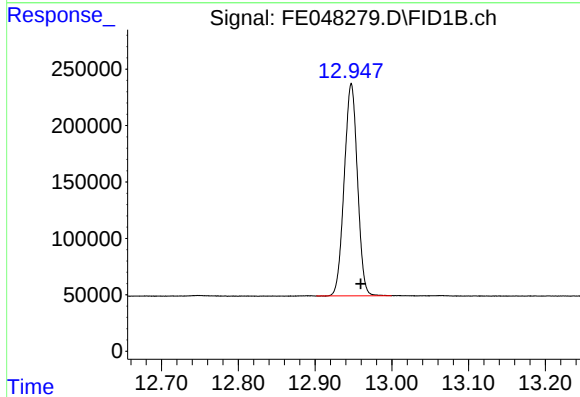
R.T.: 11.638 min
Delta R.T.: -0.012 min
Response: 2350201
Conc: 16.87 ug/ml



#9 ortho-Terphenyl (SURR)

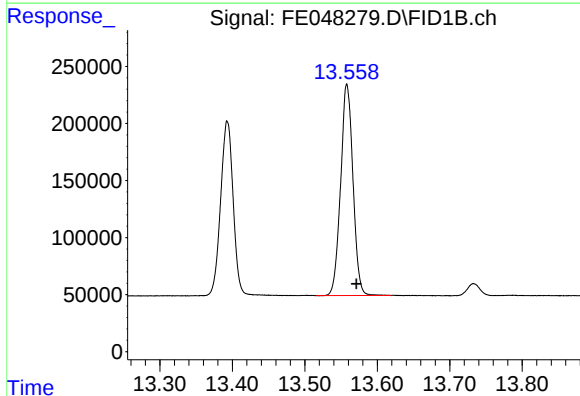
R.T.: 11.958 min
Delta R.T.: -0.013 min
Response: 2405877
Conc: 16.68 ug/ml

Instrument :
FID_E
ClientSampleId :



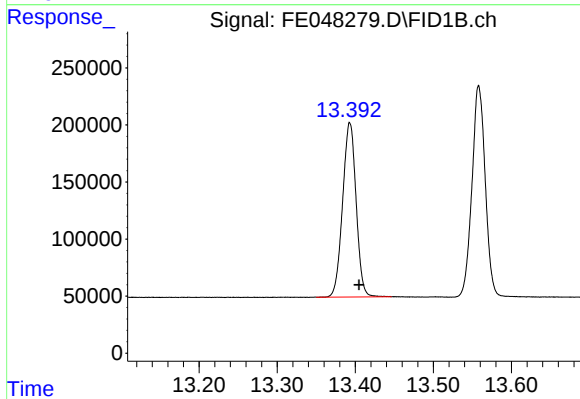
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.012 min
Response: 2252404
Conc: 16.73 ug/ml



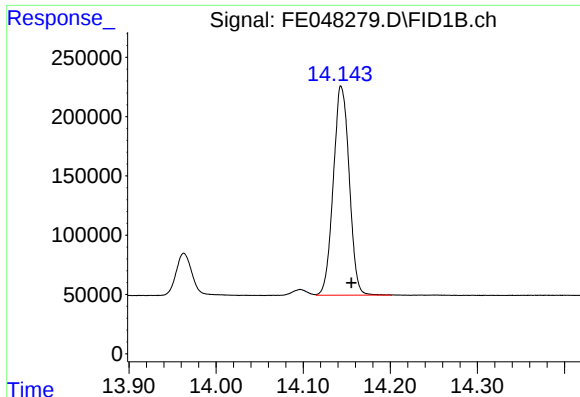
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.013 min
Response: 2194165
Conc: 16.58 ug/ml



#12 1-chlorooctadecane (SURR)

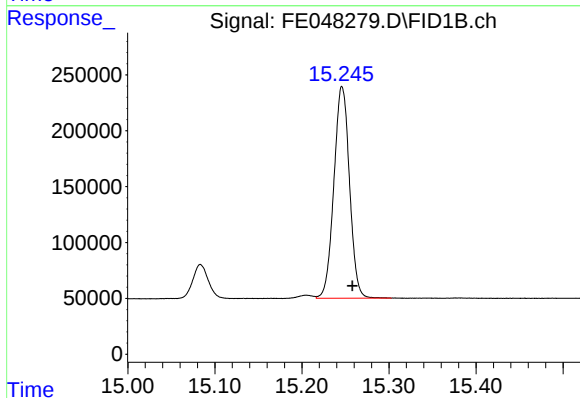
R.T.: 13.393 min
Delta R.T.: -0.012 min
Response: 1832956
Conc: 16.40 ug/ml



#13 n-Docosane (C22)

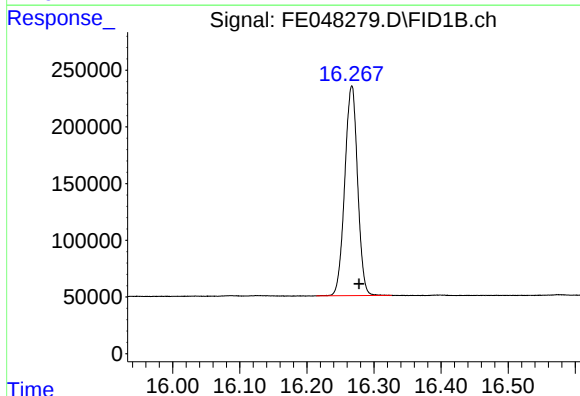
R.T.: 14.144 min
Delta R.T.: -0.012 min
Response: 2238418
Conc: 16.89 ug/ml

Instrument :
FID_E
ClientSampleId :



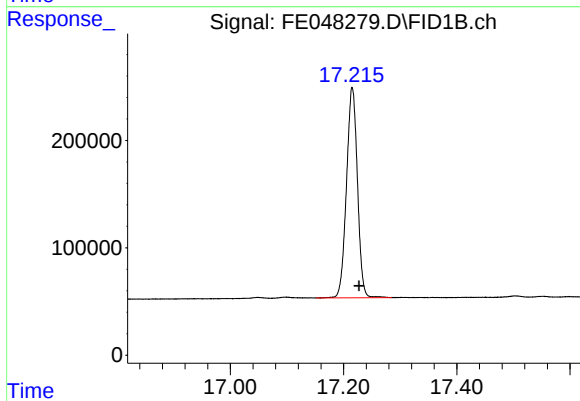
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.012 min
Response: 2362320
Conc: 17.74 ug/ml



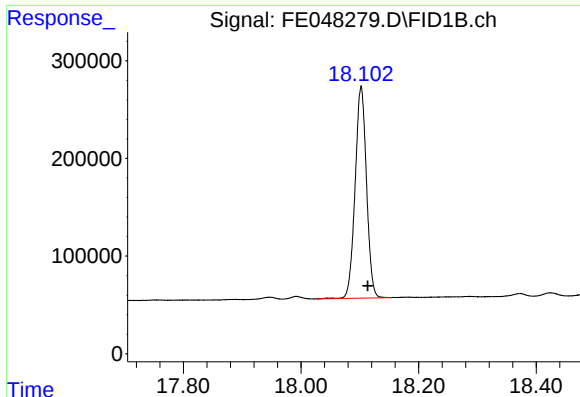
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: -0.011 min
Response: 2460306
Conc: 18.44 ug/ml



#16 n-Octacosane (C28)

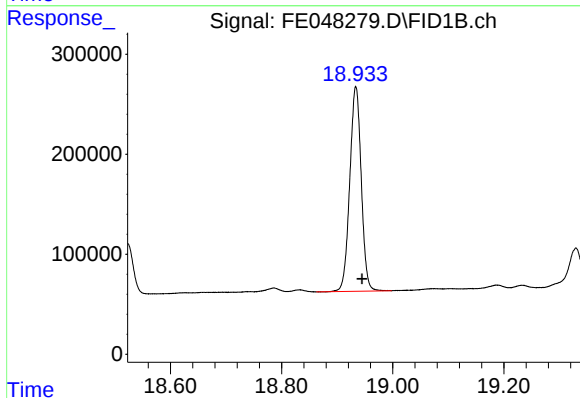
R.T.: 17.215 min
Delta R.T.: -0.012 min
Response: 2634826
Conc: 19.79 ug/ml



#17 n-Tricontane (C30)

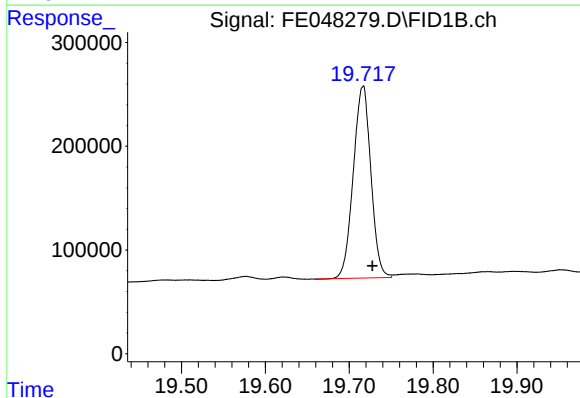
R.T.: 18.102 min
Delta R.T.: -0.011 min
Response: 2913011
Conc: 21.11 ug/ml

Instrument :
FID_E
ClientSampleId :



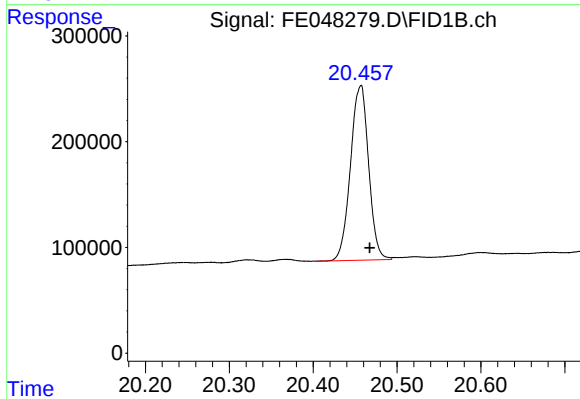
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.011 min
Response: 2934023
Conc: 21.24 ug/ml



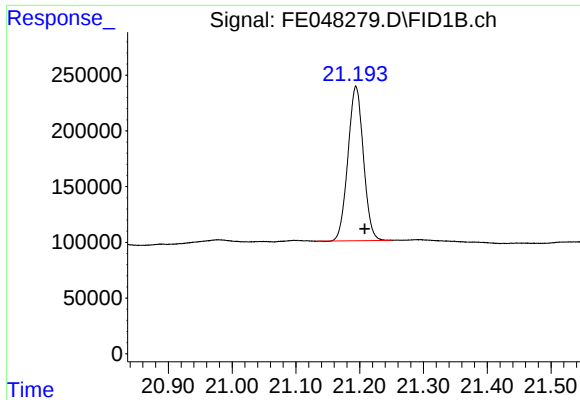
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.011 min
Response: 2699401
Conc: 19.82 ug/ml



#20 n-Hexatriacontane (C36)

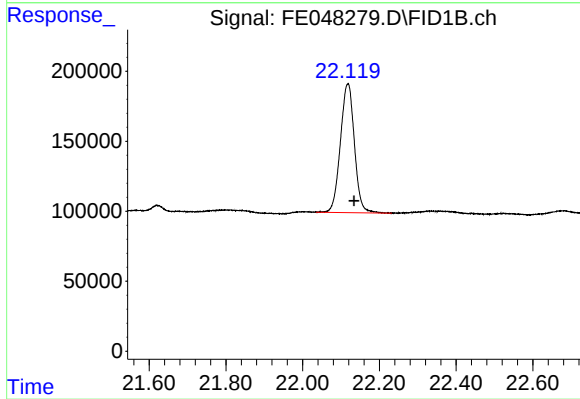
R.T.: 20.457 min
Delta R.T.: -0.011 min
Response: 2483373
Conc: 18.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.014 min
Response: 2335260
Conc: 16.91 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.118 min
Delta R.T.: -0.016 min
Response: 2335994
Conc: 16.77 ug/ml