

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052524AL\
 Data File : FE048393.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2024 16:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 24 17:28:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.954	2843107	19.799 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
12) S 1-chlorooctadecane (S...	13.388	2165706	19.879 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T n-Nonane (C9)	3.340	2988165	19.987 ug/ml
2) T n-Decane (C10)	4.589	3013831	19.959 ug/ml
3) T A~Naphthalene (C11.7)	6.296	2966818	19.925 ug/ml
4) T n-Dodecane (C12)	6.755	2950109	19.930 ug/ml
5) T A~2-methylnaphthalene...	7.392	2751224	19.842 ug/ml
6) T n-Tetradecane (C14)	8.583	2811853	19.825 ug/ml
7) T n-Hexadecane (C16)	10.191	2781799	19.732 ug/ml
8) T n-Octadecane (C18)	11.633	2746443	19.775 ug/ml
10) T n-Eicosane (C20)	12.942	2626094	19.844 ug/ml
11) T n-Heneicosane (C21)	13.554	2567600	19.822 ug/ml
13) T n-Docosane (C22)	14.139	2552514	19.808 ug/ml
14) T n-Tetracosane (C24)	15.242	2568268	19.825 ug/ml
15) T n-Hexacosane (C26)	16.262	2578654	19.896 ug/ml
16) T n-Octacosane (C28)	17.211	2570938	19.891 ug/ml
17) T n-Tricontane (C30)	18.098	2662466	19.875 ug/ml
18) T n-Dotriacontane (C32)	18.930	2710046	19.965 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2722930	19.904 ug/ml
20) T n-Hexatriacontane (C36)	20.452	2733866	20.112 ug/ml
21) T n-Octatriacontane (C38)	21.191	2685210	19.690 ug/ml
22) T n-Tetracontane (C40)	22.112	2704472	19.752 ug/ml

(f)=RT Delta > 1/2 Window

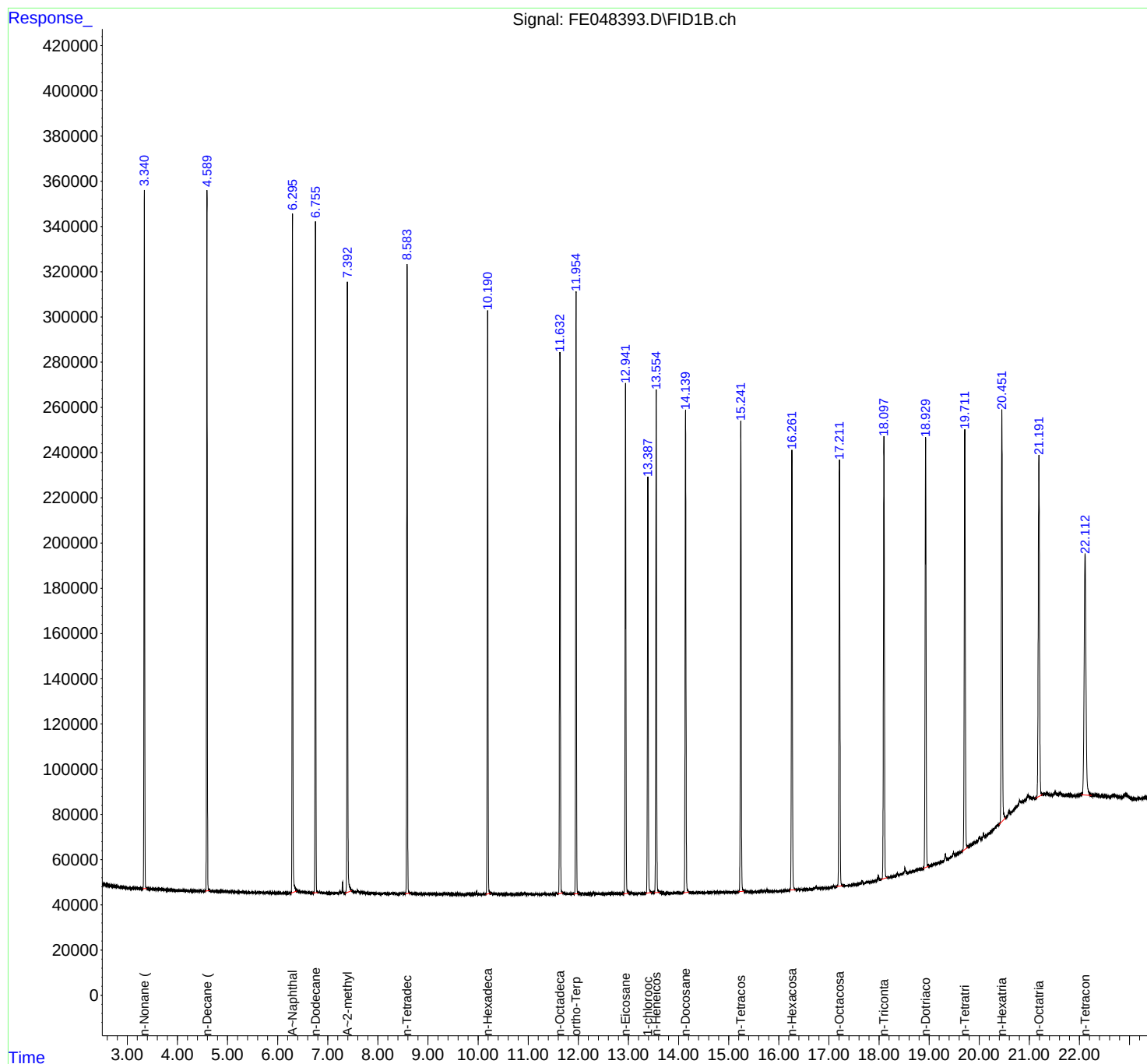
(m)=manual int.

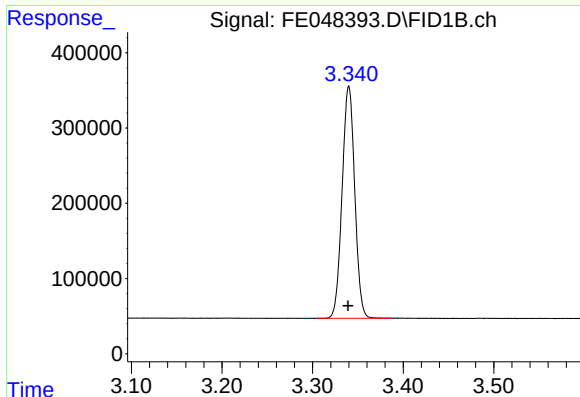
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052524AL\
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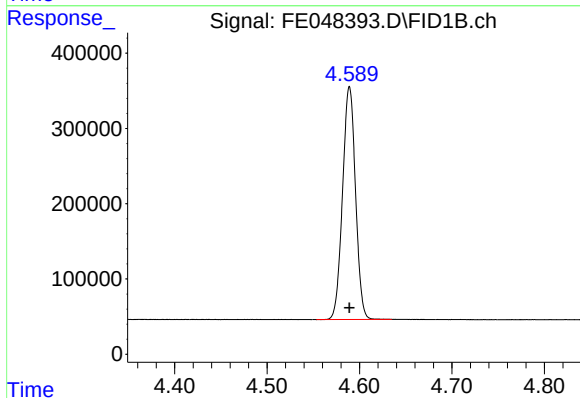




#1 n-Nonane (C9)

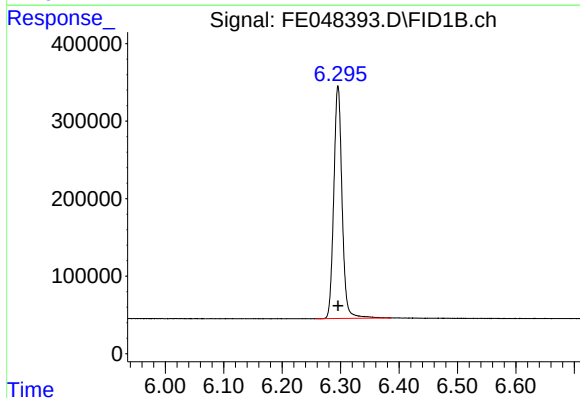
R.T.: 3.340 min
Delta R.T.: 0.001 min
Response: 2988165
Conc: 19.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



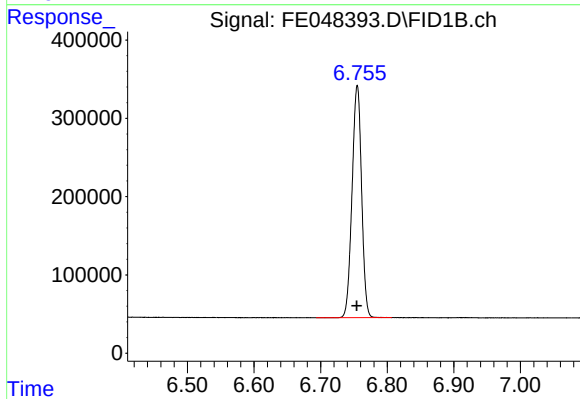
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 3013831
Conc: 19.96 ug/ml



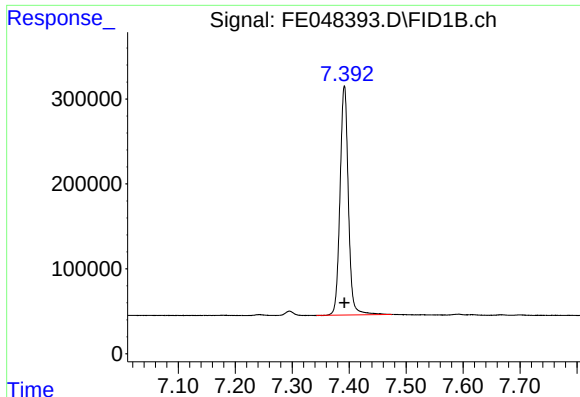
#3 A~Naphthalene (C11.7)

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 2966818
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

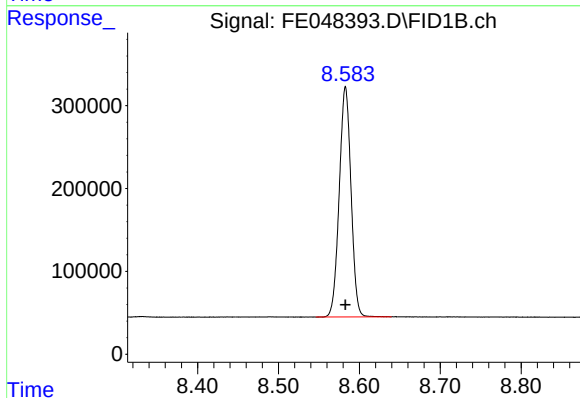
R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 2950109
Conc: 19.93 ug/ml



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

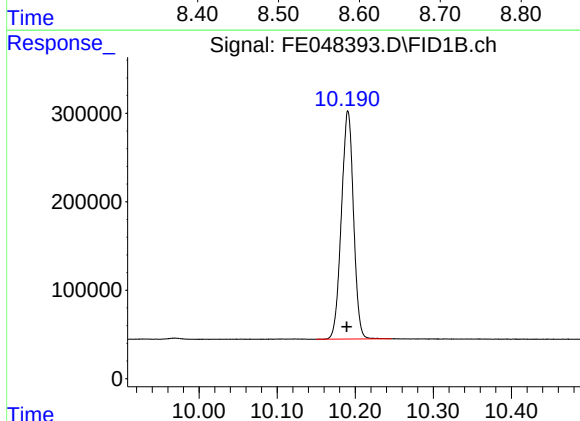
R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 2751224
Conc: 19.84 ug/ml

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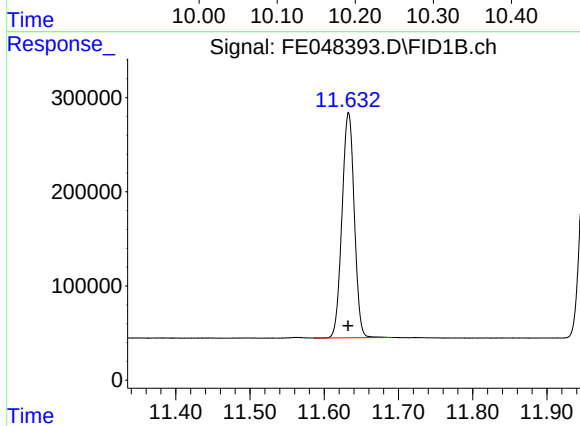
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 2811853
Conc: 19.83 ug/ml



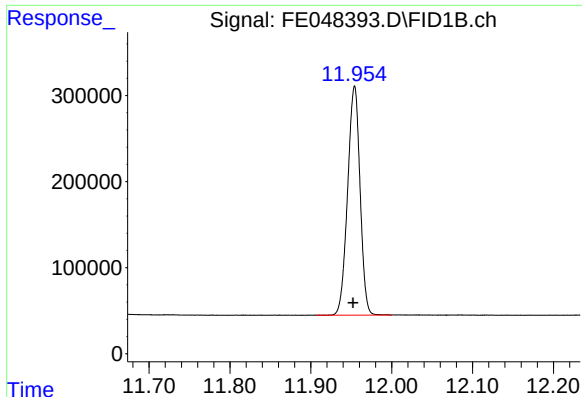
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: 0.001 min
Response: 2781799
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: 0.000 min
Response: 2746443
Conc: 19.77 ug/ml



#9 ortho-Terphenyl (SURR)

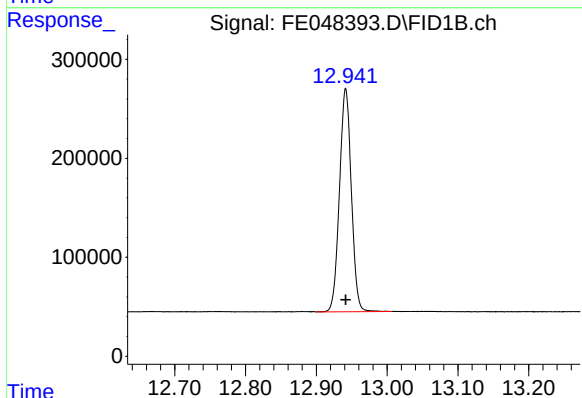
R.T.: 11.954 min
Delta R.T.: 0.002 min
Response: 2843107
Conc: 19.80 ug/ml

Instrument :

FID_E

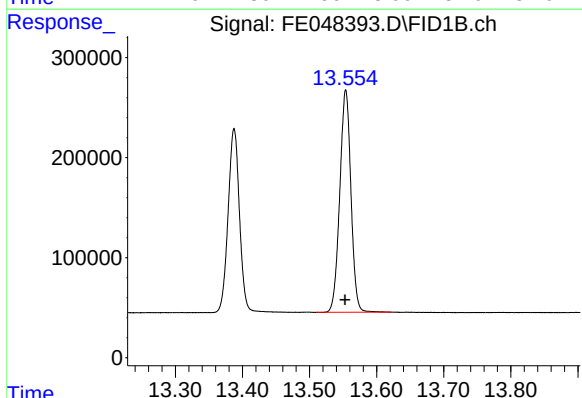
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



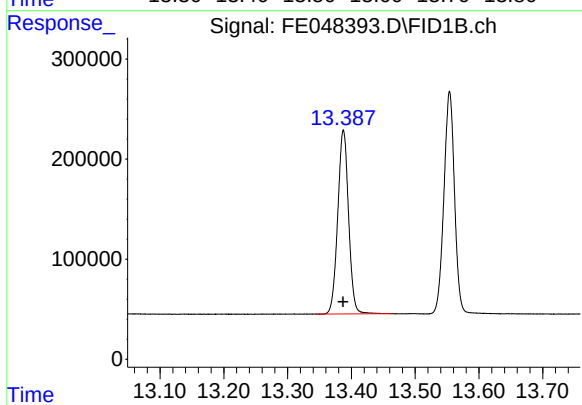
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 2626094
Conc: 19.84 ug/ml



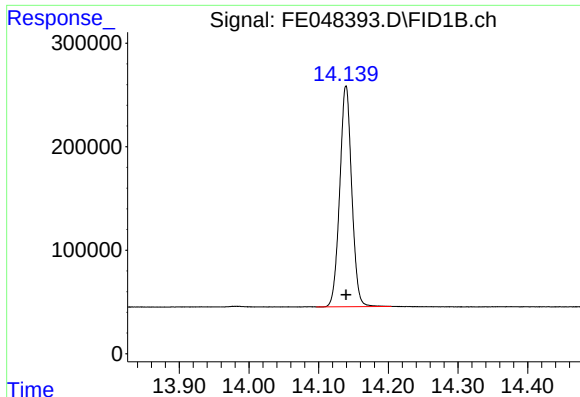
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.001 min
Response: 2567600
Conc: 19.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: 0.000 min
Response: 2165706
Conc: 19.88 ug/ml



#13 n-Docosane (C22)

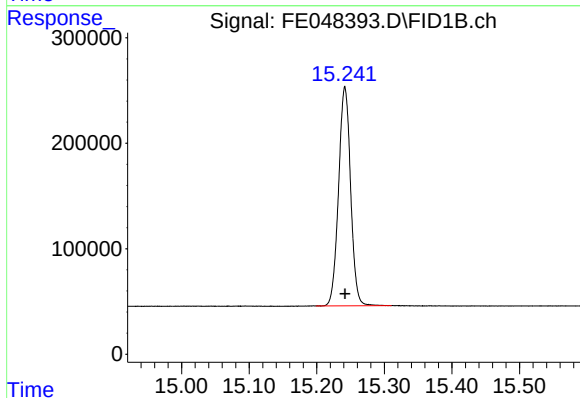
R.T.: 14.139 min
Delta R.T.: 0.000 min
Response: 2552514
Conc: 19.81 ug/ml

Instrument :

FID_E

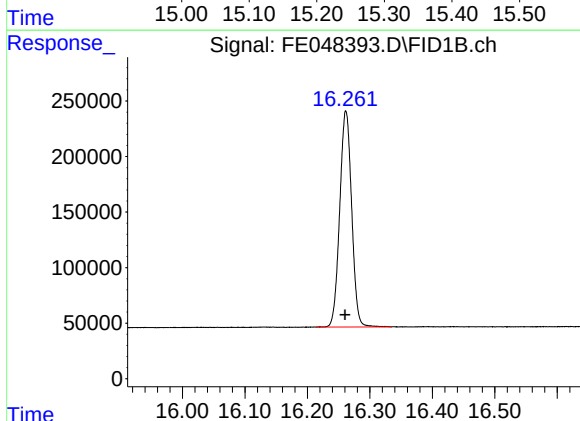
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



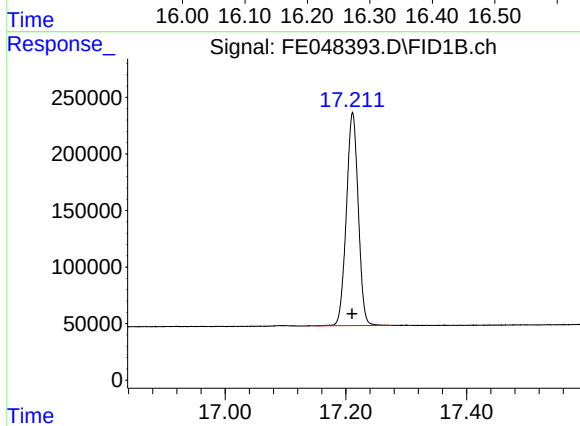
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: 0.000 min
Response: 2568268
Conc: 19.82 ug/ml



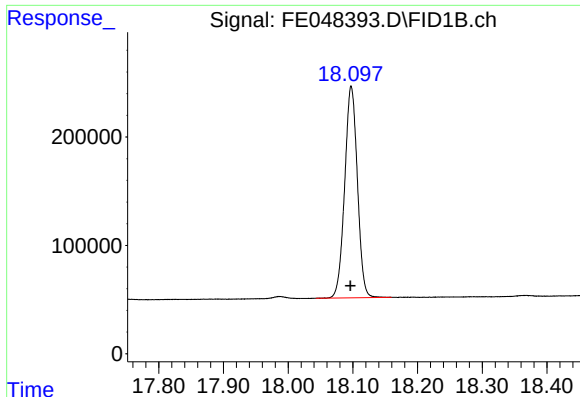
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.001 min
Response: 2578654
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 2570938
Conc: 19.89 ug/ml



#17 n-Tricontane (C30)

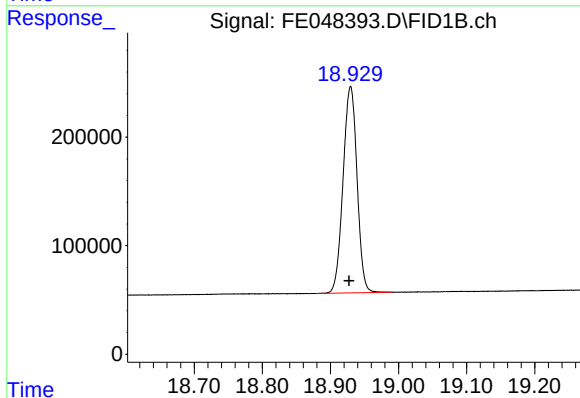
R.T.: 18.098 min
Delta R.T.: 0.001 min
Response: 2662466
Conc: 19.87 ug/ml

Instrument :

FID_E

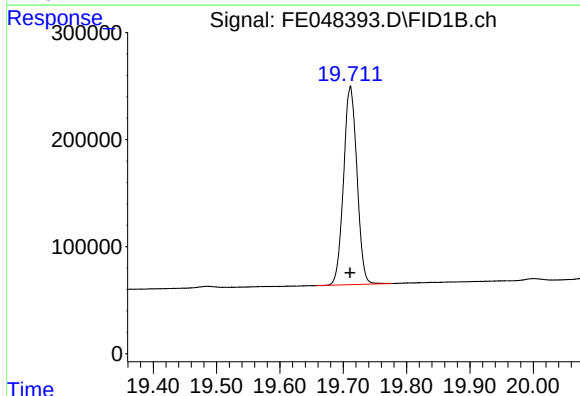
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



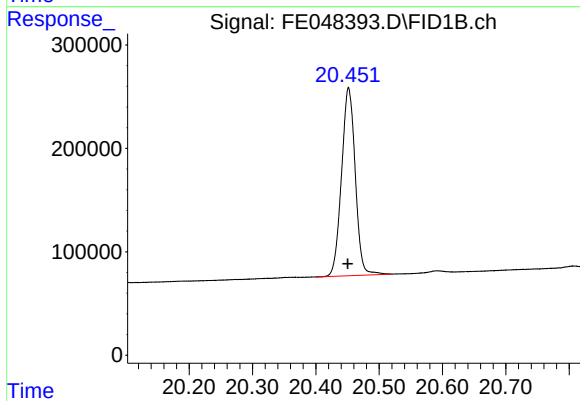
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: 0.002 min
Response: 2710046
Conc: 19.96 ug/ml



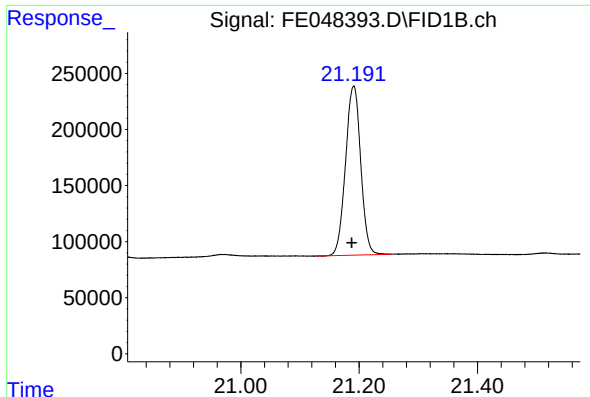
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.000 min
Response: 2722930
Conc: 19.90 ug/ml



#20 n-Hexatriacontane (C36)

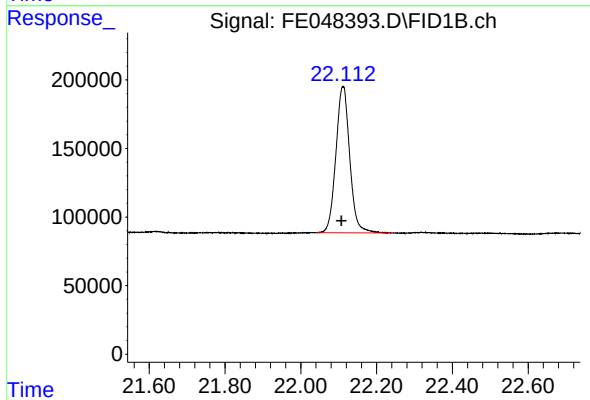
R.T.: 20.452 min
Delta R.T.: 0.001 min
Response: 2733866
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: 0.003 min
Response: 2685210
Conc: 19.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: 0.004 min
Response: 2704472
Conc: 19.75 ug/ml