

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101723AL\
 Data File : FE044886.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 08:55
 Operator : YP\AJ
 Sample : 04882-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

VNJ-228MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e

Quant Time: Oct 17 10:47:37 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M

Quant Title : GC Extractables

QLast Update : Thu Oct 12 06:15:32 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)	11.909	6576285	32.805 ug/ml
Spiked Amount 50.000		Recovery =	65.61%
12) S 1-chlorooctadecane (S...	13.350	5071233	34.268 ug/ml
Spiked Amount 50.000		Recovery =	68.54%
Target Compounds			
1) T n-Nonane (C9)	3.290	4334258	25.837 ug/ml
2) T n-Decane (C10)	4.543	5083484	29.841 ug/ml
3) T A~Naphthalene (C11.7)	6.244	6000964	32.417 ug/ml
4) T n-Dodecane (C12)	6.709	5796166	33.578 ug/ml
5) T A~2-methylnaphthalene...	7.340	6241082	34.597 ug/ml
6) T n-Tetradecane (C14)	8.538	6484771	37.817 ug/ml
7) T n-Hexadecane (C16)	10.148	7196537	41.154 ug/ml
8) T n-Octadecane (C18)	11.595	7595143	43.546 ug/ml
10) T n-Eicosane (C20)	12.907	7714952	46.189 ug/ml
11) T n-Heneicosane (C21)	13.519	7351364	45.097 ug/ml
13) T n-Docosane (C22)	14.107	7377910	46.125 ug/ml
14) T n-Tetracosane (C24)	15.195	14407255	92.833 ug/mlm
15) T n-Hexacosane (C26)	16.237	6896065	45.932 ug/ml
16) T n-Octacosane (C28)	17.187	7073628	48.171 ug/ml
17) T n-Tricontane (C30)	18.079	6792715	45.672 ug/ml
18) T n-Dotriacontane (C32)	18.911	6849122	45.632 ug/ml
19) T n-Tetratriacontane (C34)	19.694	6839477	45.944 ug/ml
20) T n-Hexatriacontane (C36)	20.435	6622875	43.078 ug/mlm
21) T n-Octatriacontane (C38)	21.178	6794585	43.496 ug/ml
22) T n-Tetracontane (C40)	22.097	6979025	41.760 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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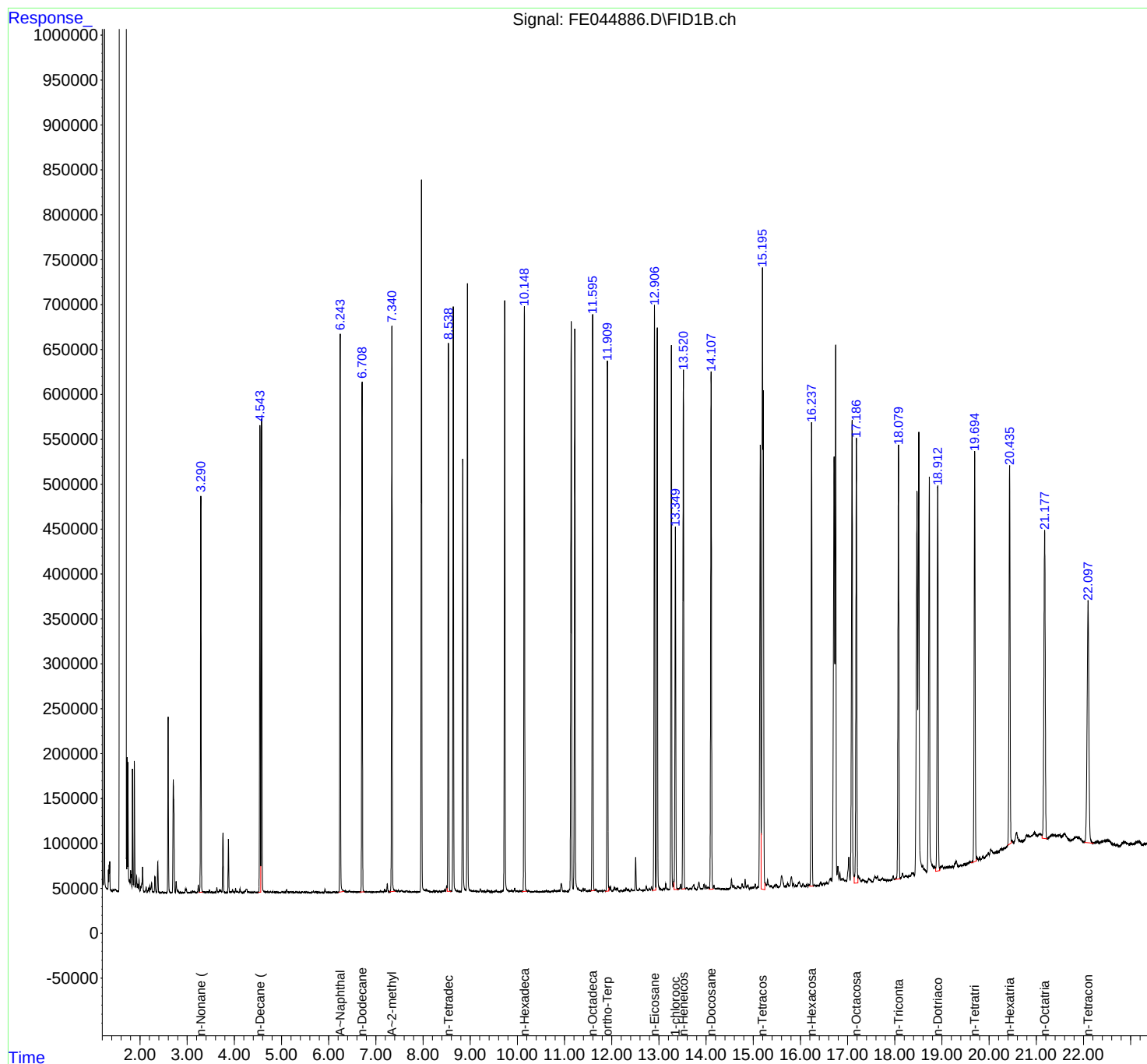
Instrument :
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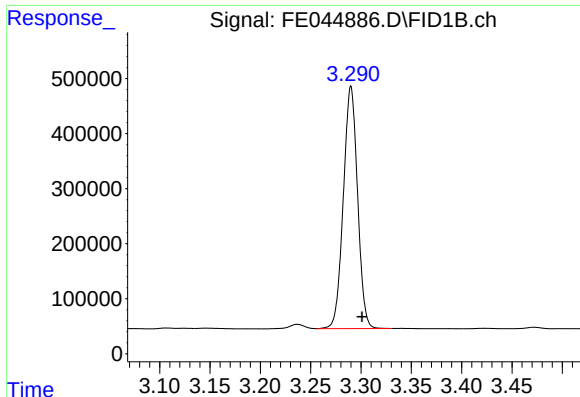
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.011 min
Response: 4334258
Conc: 25.84 ug/ml

Instrument :

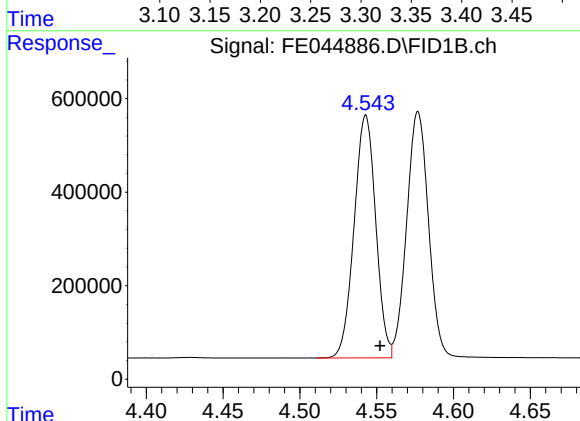
FID_E

ClientSampleId :

VNJ-228MSD

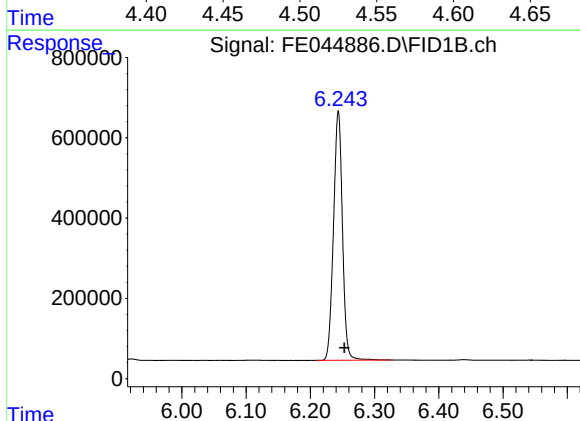
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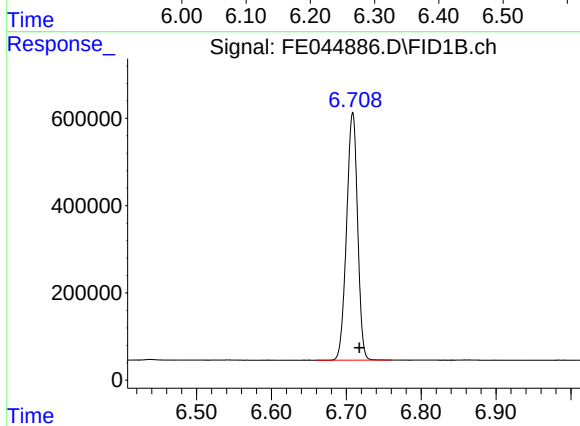
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.009 min
Response: 5083484
Conc: 29.84 ug/ml



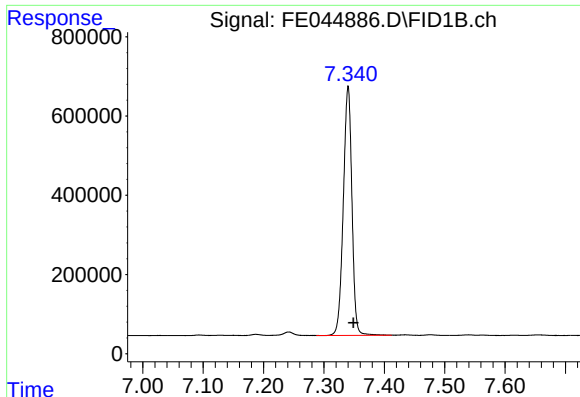
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.010 min
Response: 6000964
Conc: 32.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.709 min
Delta R.T.: -0.009 min
Response: 5796166
Conc: 33.58 ug/ml



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

R.T.: 7.340 min
Delta R.T.: -0.009 min
Response: 6241082
Conc: 34.60 ug/ml

Instrument :

FID_E

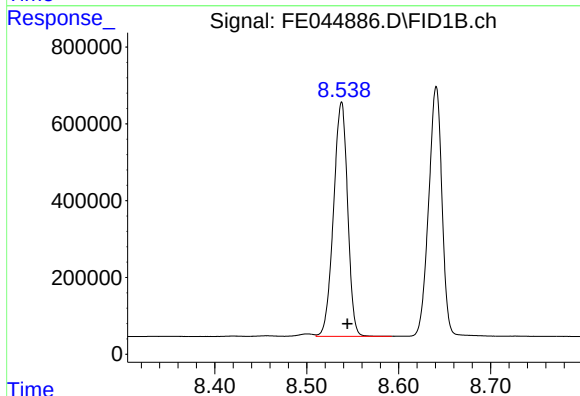
ClientSampleId :

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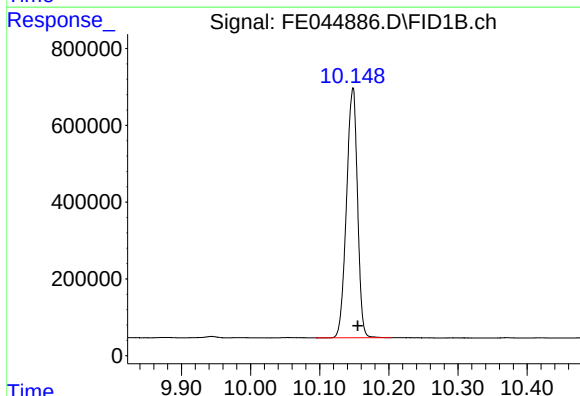
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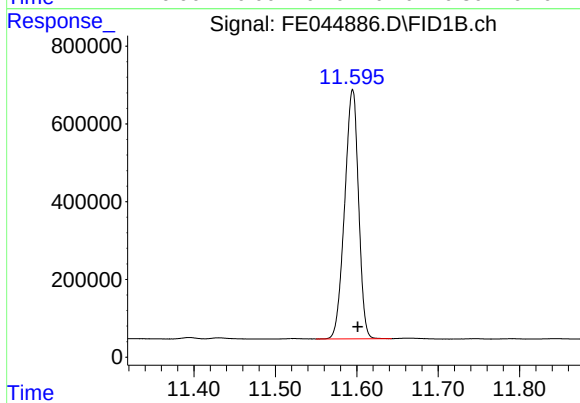
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: -0.007 min
Response: 6484771
Conc: 37.82 ug/ml



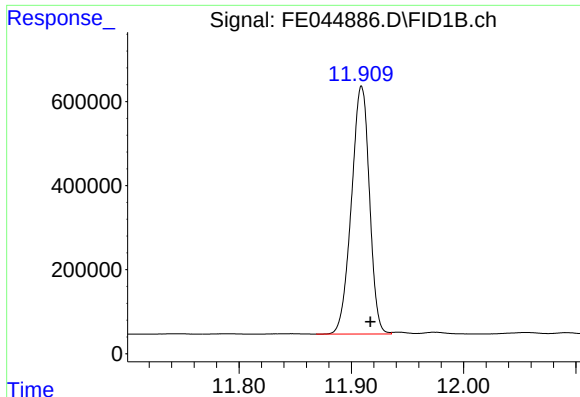
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.007 min
Response: 7196537
Conc: 41.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.595 min
Delta R.T.: -0.006 min
Response: 7595143
Conc: 43.55 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.909 min
Delta R.T.: -0.008 min
Response: 6576285
Conc: 32.81 ug/ml

Instrument :

FID_E

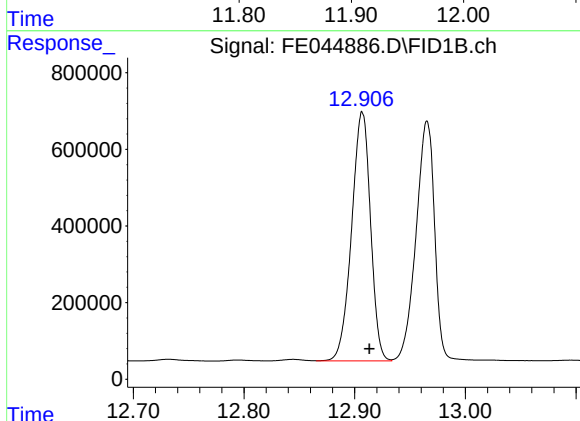
ClientSampleId :

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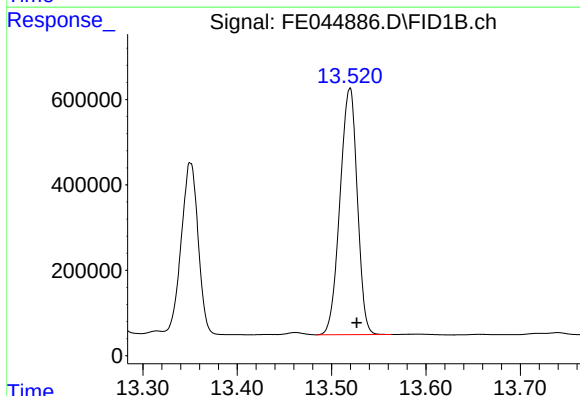
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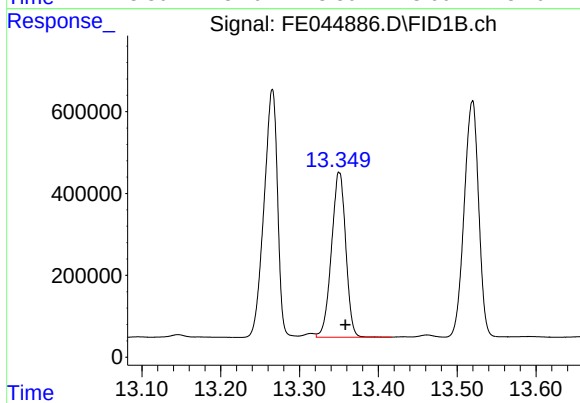
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: -0.007 min
Response: 7714952
Conc: 46.19 ug/ml



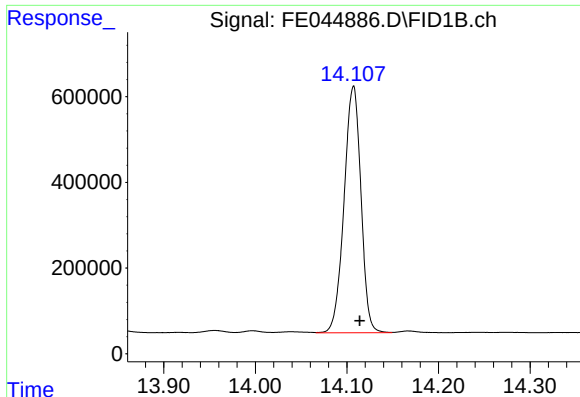
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.007 min
Response: 7351364
Conc: 45.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.350 min
Delta R.T.: -0.008 min
Response: 5071233
Conc: 34.27 ug/ml



#13 n-Docosane (C22)

R.T.: 14.107 min
Delta R.T.: -0.007 min
Response: 7377910
Conc: 46.13 ug/ml

Instrument :

FID_E

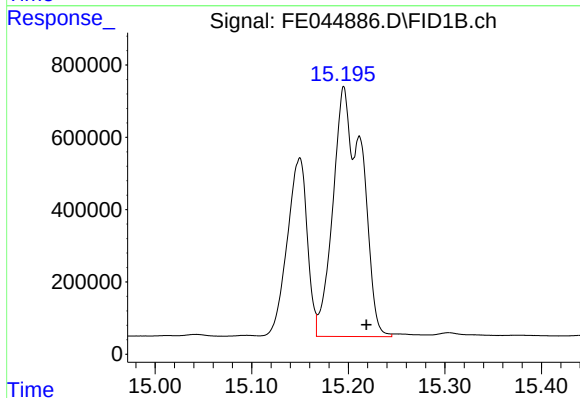
ClientSampleId :

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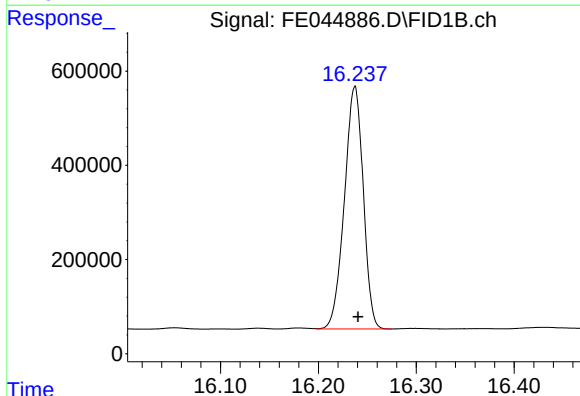
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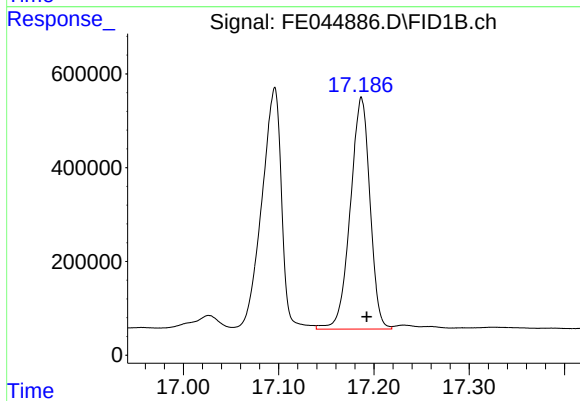
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.024 min
Response: 14407255
Conc: 92.83 ug/ml m



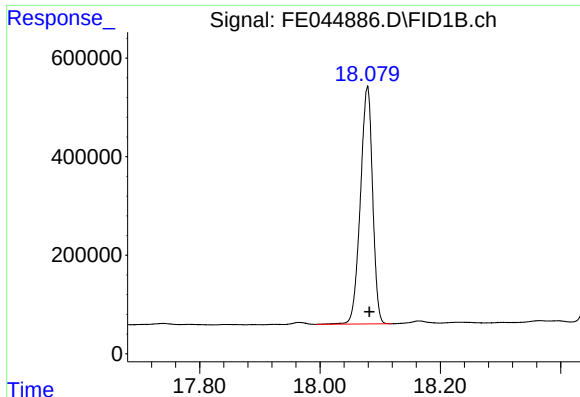
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.003 min
Response: 6896065
Conc: 45.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.187 min
Delta R.T.: -0.005 min
Response: 7073628
Conc: 48.17 ug/ml



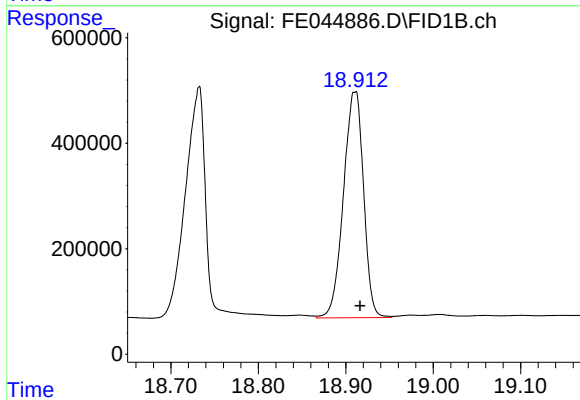
#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: -0.003 min
Response: 6792715
Conc: 45.67 ug/ml

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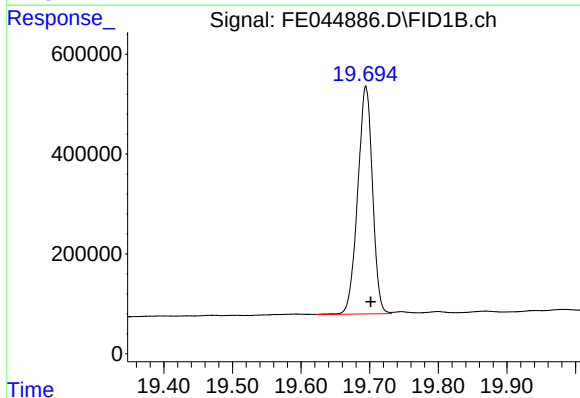
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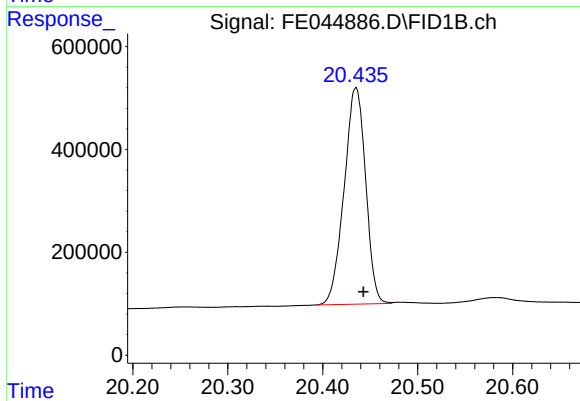
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.006 min
Response: 6849122
Conc: 45.63 ug/ml



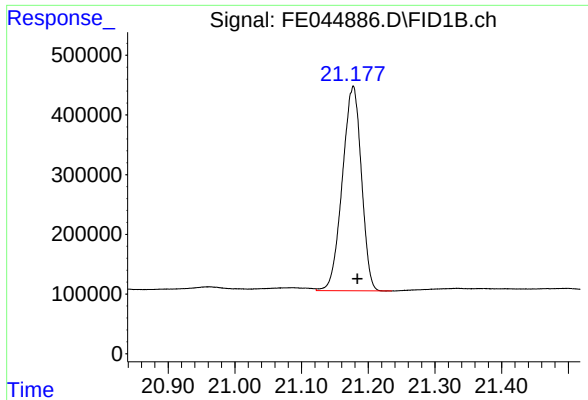
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: -0.007 min
Response: 6839477
Conc: 45.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: -0.008 min
Response: 6622875
Conc: 43.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.006 min
Response: 6794585
Conc: 43.50 ug/ml

Instrument :

FID_E

ClientSampleId :

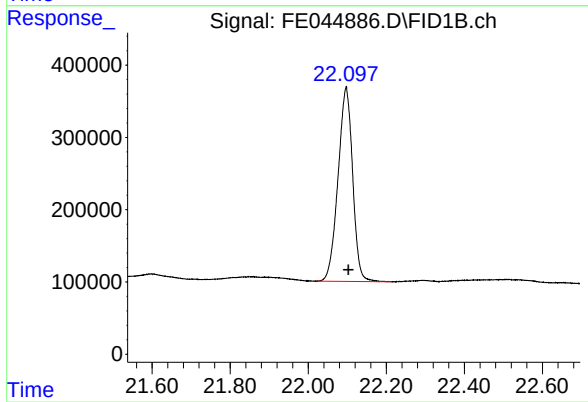
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#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: -0.006 min
Response: 6979025
Conc: 41.76 ug/ml