

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082922AL\
 Data File : FE037296.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2022 19:50
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 30 06:51:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:44:56 2022
 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)	11.648	1830377	10.912 ug/ml
Spiked Amount 50.000		Recovery =	21.82%
12) S 1-chlorooctadecane (S...	13.070	1388855	10.756 ug/ml
Spiked Amount 50.000		Recovery =	21.51%
Target Compounds			
1) T n-Nonane (C9)	3.046	1648449	10.781 ug/ml
2) T n-Decane (C10)	4.302	1660169	10.756 ug/ml
3) T A~Naphthalene (C11.7)	6.022	1496252	9.821 ug/ml
4) T n-Dodecane (C12)	6.472	1708079	10.844 ug/ml
5) T A~2-methylnaphthalene...	7.114	1427175	9.624 ug/ml
6) T n-Tetradecane (C14)	9.890	1716215	10.887 ug/ml
7) T n-Hexadecane (C16)	9.890	1716215	10.887 ug/ml
8) T n-Octadecane (C18)	11.325	1728674	10.924 ug/ml
10) T n-Eicosane (C20)	12.627	1723995	10.966 ug/ml
11) T n-Heneicosane (C21)	13.235	1717835	10.977 ug/ml
13) T n-Docosane (C22)	13.818	1697312	10.972 ug/ml
14) T n-Tetracosane (C24)	14.914	1641192	10.969 ug/ml
15) T n-Hexacosane (C26)	15.932	1583947	10.975 ug/ml
16) T n-Octacosane (C28)	16.874	1517945	10.999 ug/ml
17) T n-Tricontane (C30)	17.756	1496709	11.069 ug/ml
18) T n-Dotriacontane (C32)	18.585	1468626	11.095 ug/ml
19) T n-Tetratriacontane (C34)	19.365	1381796	11.003 ug/ml
20) T n-Hexatriacontane (C36)	20.099	1393051	10.997 ug/ml
21) T n-Octatriacontane (C38)	20.798	1345283	10.862 ug/ml
22) T n-Tetracontane (C40)	21.580	1389087	10.986 ug/ml

(f)=RT Delta > 1/2 Window

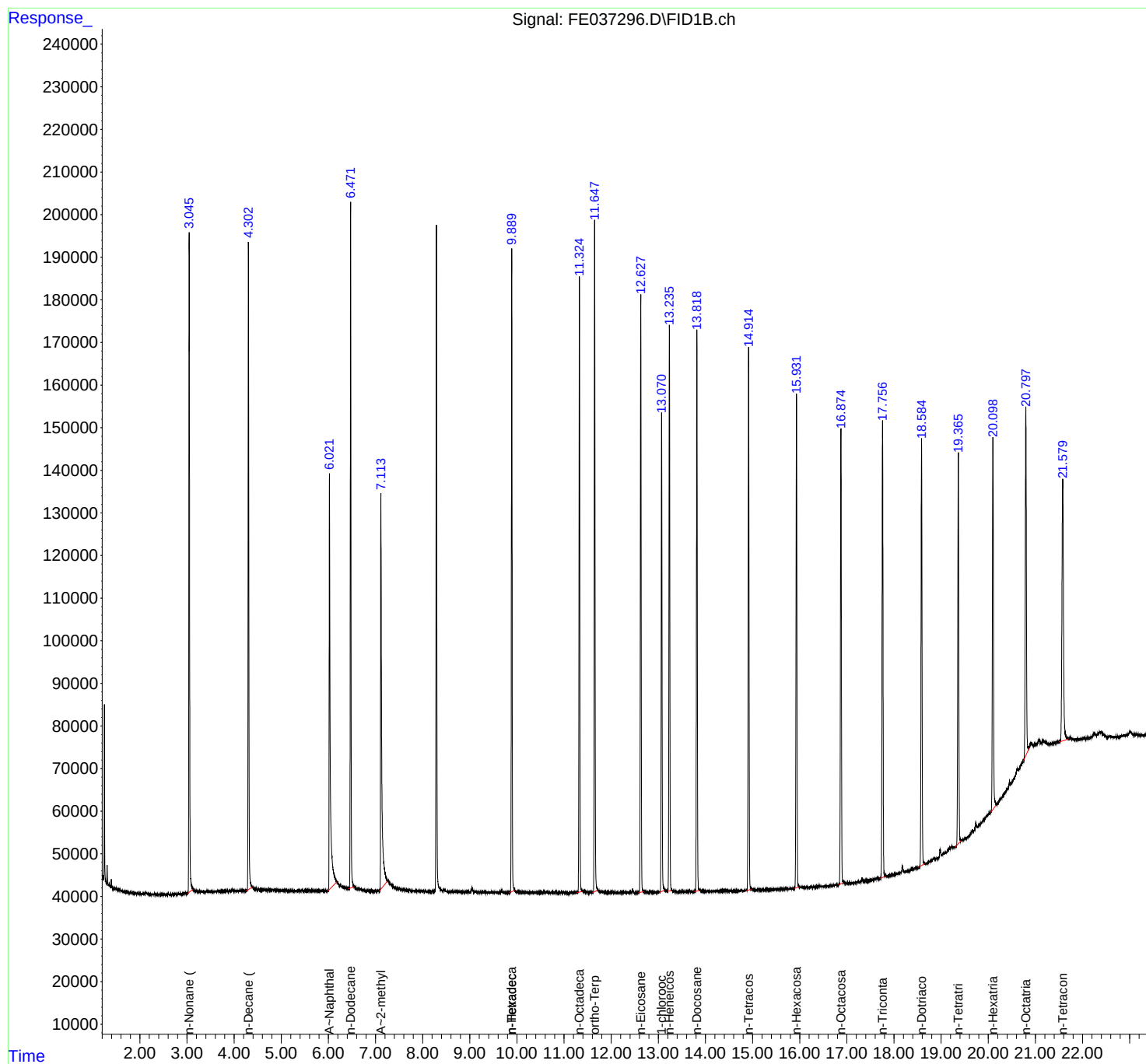
(m)=manual int.

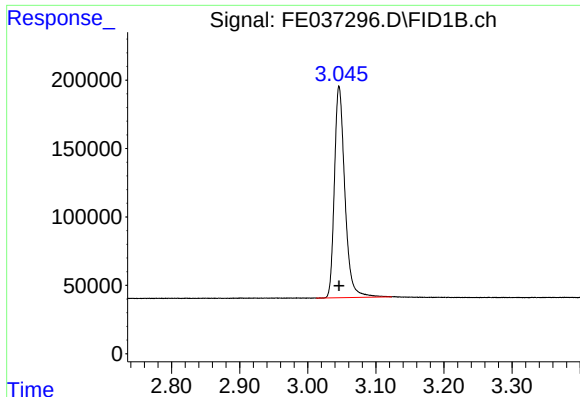
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082922AL\
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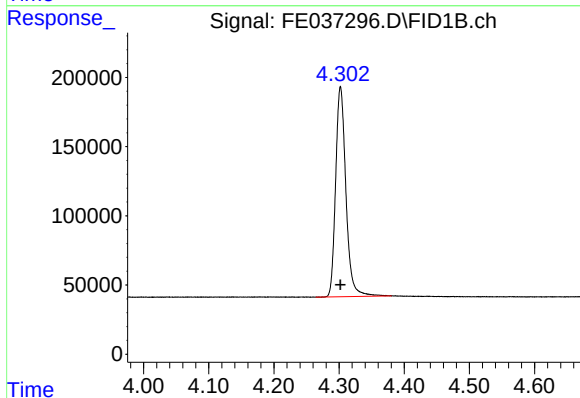




#1 n-Nonane (C9)

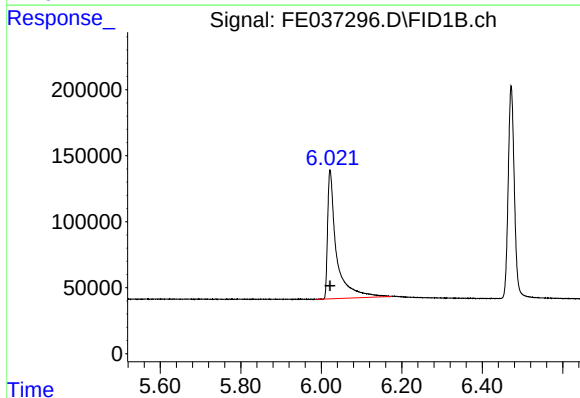
R.T.: 3.046 min
Delta R.T.: 0.000 min
Response: 1648449
Conc: 10.78 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



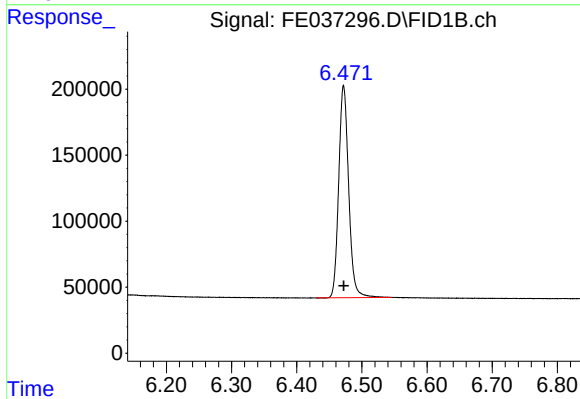
#2 n-Decane (C10)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 1660169
Conc: 10.76 ug/ml



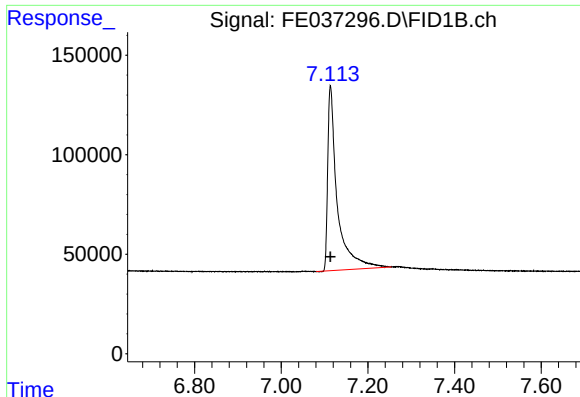
#3 A~Naphthalene (C11.7)

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 1496252
Conc: 9.82 ug/ml



#4 n-Dodecane (C12)

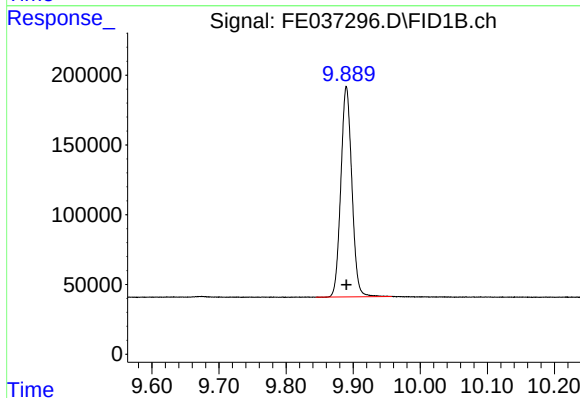
R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 1708079
Conc: 10.84 ug/ml



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

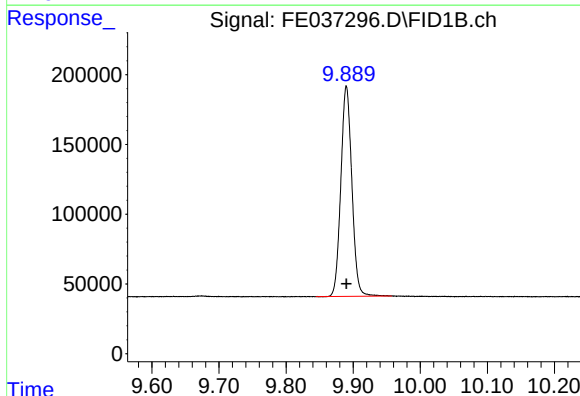
R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 1427175
Conc: 9.62 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



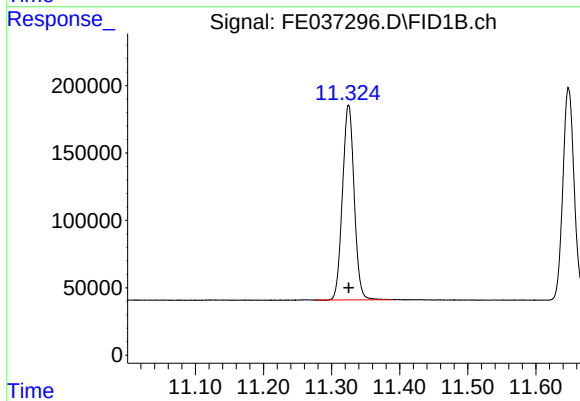
#6 n-Tetradecane (C14)

R.T.: 9.890 min
Delta R.T.: 0.000 min
Response: 1716215
Conc: 10.89 ug/ml



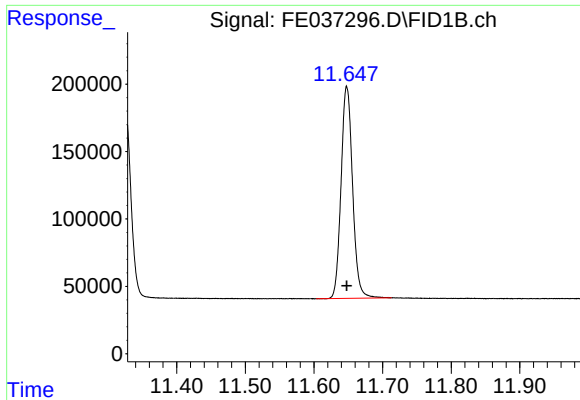
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: 0.000 min
Response: 1716215
Conc: 10.89 ug/ml



#8 n-Octadecane (C18)

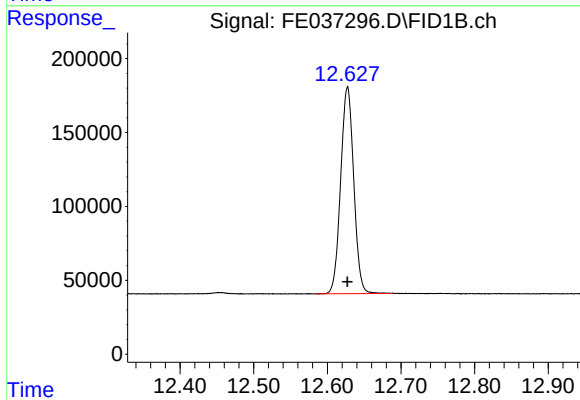
R.T.: 11.325 min
Delta R.T.: 0.000 min
Response: 1728674
Conc: 10.92 ug/ml



#9 ortho-Terphenyl (SURR)

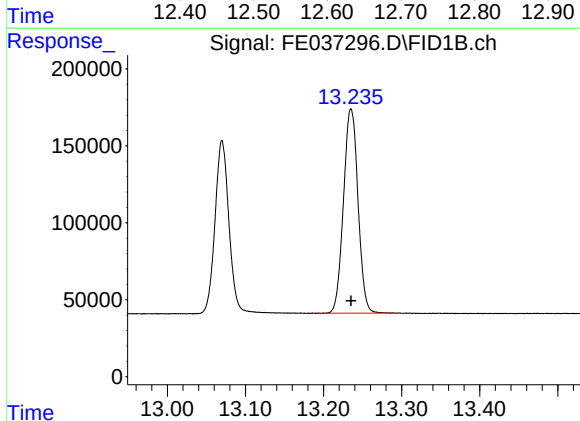
R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 1830377
Conc: 10.91 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



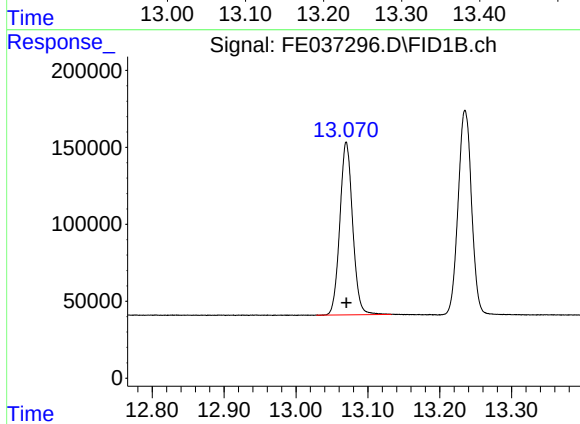
#10 n-Eicosane (C20)

R.T.: 12.627 min
Delta R.T.: 0.000 min
Response: 1723995
Conc: 10.97 ug/ml



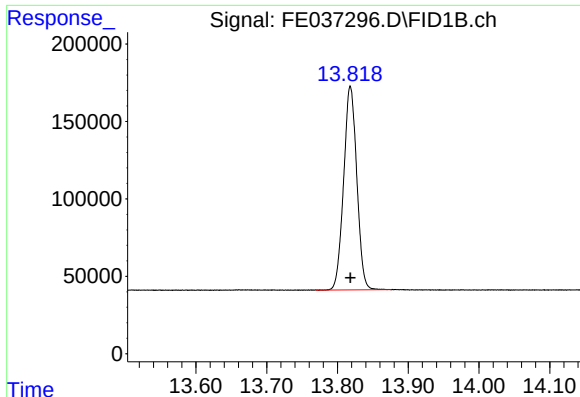
#11 n-Heneicosane (C21)

R.T.: 13.235 min
Delta R.T.: 0.000 min
Response: 1717835
Conc: 10.98 ug/ml



#12 1-chlorooctadecane (SURR)

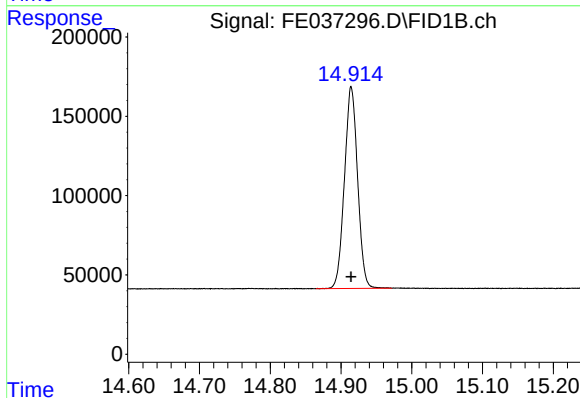
R.T.: 13.070 min
Delta R.T.: 0.000 min
Response: 1388855
Conc: 10.76 ug/ml



#13 n-Docosane (C22)

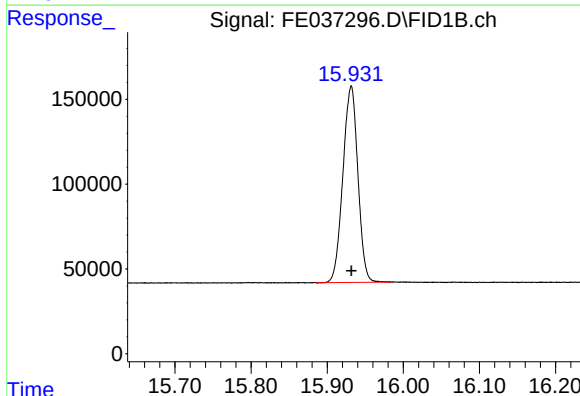
R.T.: 13.818 min
Delta R.T.: 0.000 min
Response: 1697312
Conc: 10.97 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



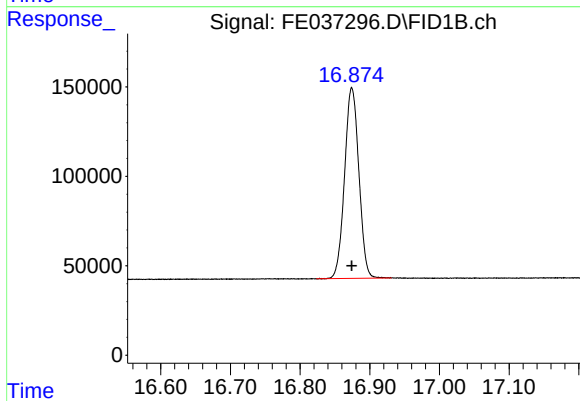
#14 n-Tetracosane (C24)

R.T.: 14.914 min
Delta R.T.: 0.000 min
Response: 1641192
Conc: 10.97 ug/ml



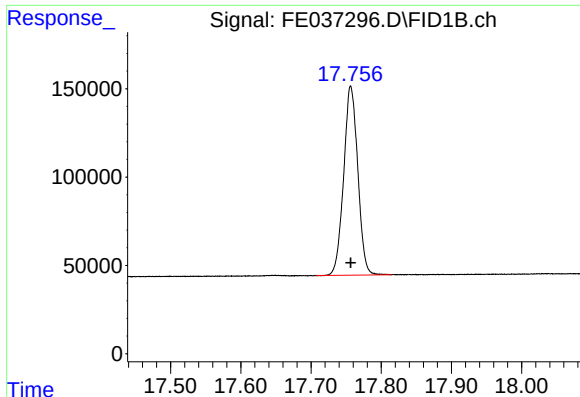
#15 n-Hexacosane (C26)

R.T.: 15.932 min
Delta R.T.: 0.000 min
Response: 1583947
Conc: 10.97 ug/ml



#16 n-Octacosane (C28)

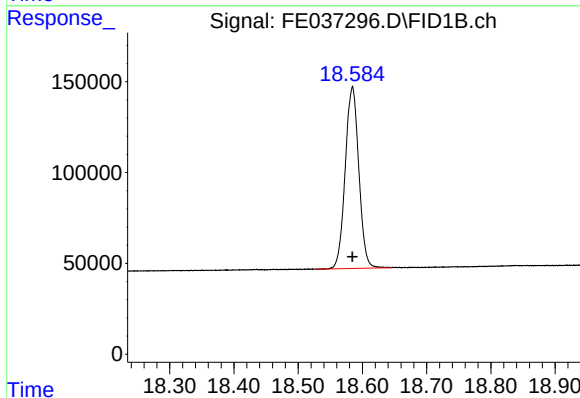
R.T.: 16.874 min
Delta R.T.: 0.000 min
Response: 1517945
Conc: 11.00 ug/ml



#17 n-Tricontane (C30)

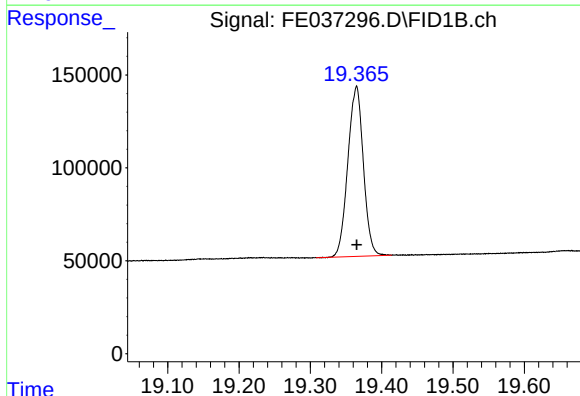
R.T.: 17.756 min
Delta R.T.: 0.000 min
Response: 1496709
Conc: 11.07 ug/ml

Instrument :
FID_E
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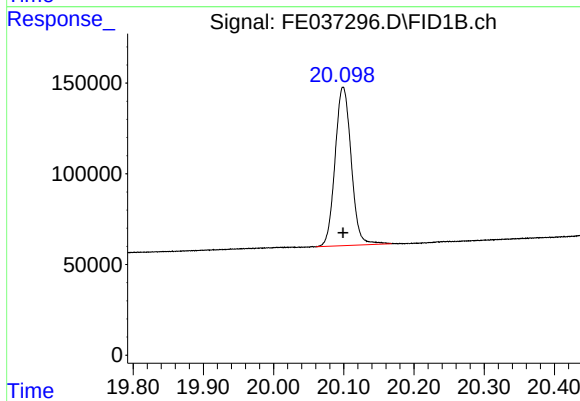
#18 n-Dotriacontane (C32)

R.T.: 18.585 min
Delta R.T.: 0.000 min
Response: 1468626
Conc: 11.10 ug/ml



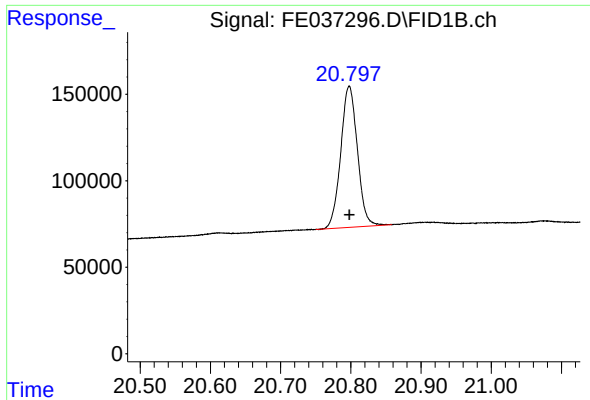
#19 n-Tetratriacontane (C34)

R.T.: 19.365 min
Delta R.T.: 0.000 min
Response: 1381796
Conc: 11.00 ug/ml



#20 n-Hexatriacontane (C36)

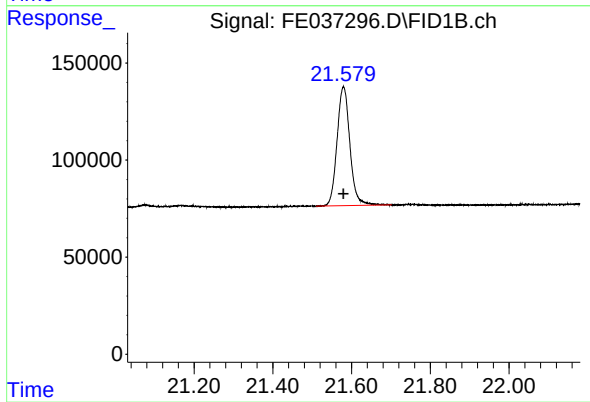
R.T.: 20.099 min
Delta R.T.: 0.000 min
Response: 1393051
Conc: 11.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: 0.000 min
Response: 1345283
Conc: 10.86 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: 0.000 min
Response: 1389087
Conc: 10.99 ug/ml