

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110423AL\
 Data File : FE045195.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2023 01:58
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Nov 04 05:14:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:09:59 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)	11.884	2014386	10.736 ug/ml
Spiked Amount 50.000		Recovery =	21.47%
12) S 1-chlorooctadecane (S...	13.328	1443091	10.611 ug/ml
Spiked Amount 50.000		Recovery =	21.22%
Target Compounds			
1) T n-Nonane (C9)	3.272	1742385	10.718 ug/ml
2) T n-Decane (C10)	4.524	1766616	10.680 ug/ml
3) T A~Naphthalene (C11.7)	6.224	1874214	10.580 ug/ml
4) T n-Dodecane (C12)	6.689	1775206	10.629 ug/ml
5) T A~2-methylnaphthalene...	7.319	1785147	10.433 ug/ml
6) T n-Tetradecane (C14)	8.516	1749200	10.619 ug/ml
7) T n-Hexadecane (C16)	10.126	1757641	10.589 ug/ml
8) T n-Octadecane (C18)	11.571	1758768	10.692 ug/ml
10) T n-Eicosane (C20)	12.882	1668313	10.713 ug/ml
11) T n-Heneicosane (C21)	13.496	1618464	10.700 ug/ml
13) T n-Docosane (C22)	14.083	1602334	10.761 ug/ml
14) T n-Tetracosane (C24)	15.189	1554611	10.690 ug/ml
15) T n-Hexacosane (C26)	16.211	1532215	10.722 ug/ml
16) T n-Octacosane (C28)	17.163	1536622	10.785 ug/ml
17) T n-Tricontane (C30)	18.052	1599278	10.868 ug/ml
18) T n-Dotriacontane (C32)	18.887	1644310	10.923 ug/ml
19) T n-Tetratriacontane (C34)	19.672	1651704	10.878 ug/ml
20) T n-Hexatriacontane (C36)	20.412	1712014	10.827 ug/ml
21) T n-Octatriacontane (C38)	21.150	1752069	10.809 ug/ml
22) T n-Tetracontane (C40)	22.062	1836082	10.974 ug/ml

(f)=RT Delta > 1/2 Window

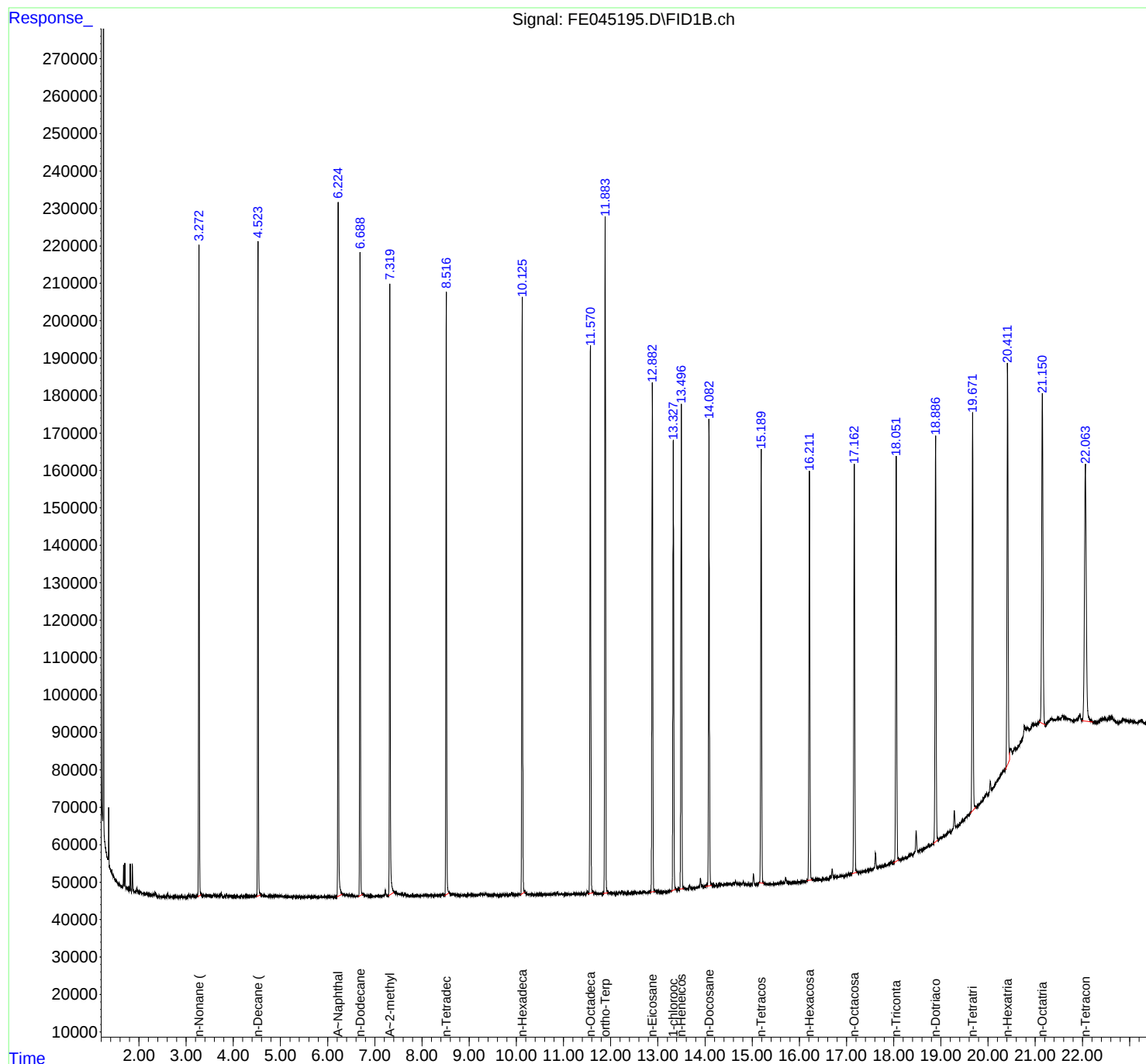
(m)=manual int.

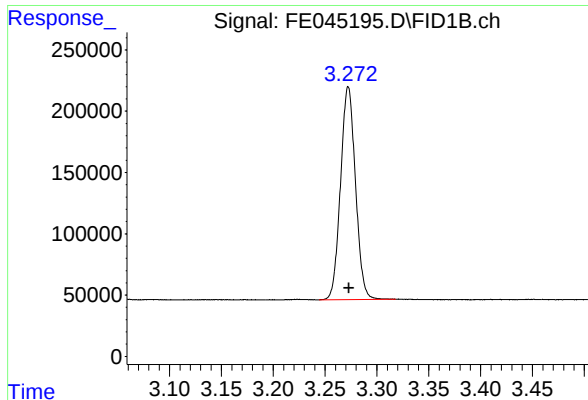
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110423AL\
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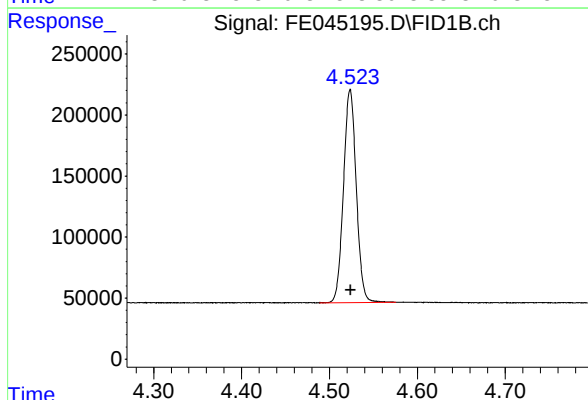




#1 n-Nonane (C9)

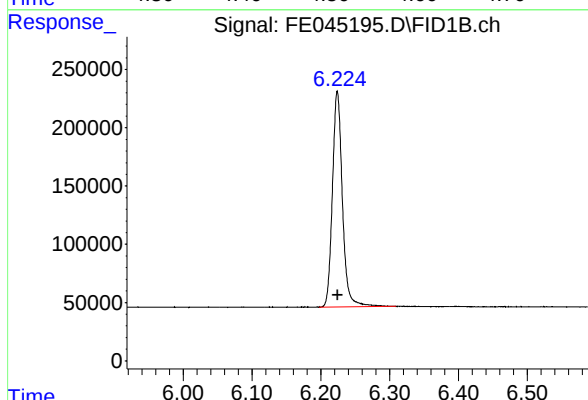
R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 1742385
Conc: 10.72 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



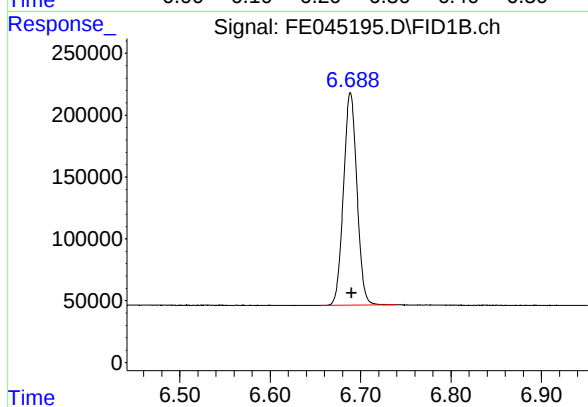
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 1766616
Conc: 10.68 ug/ml



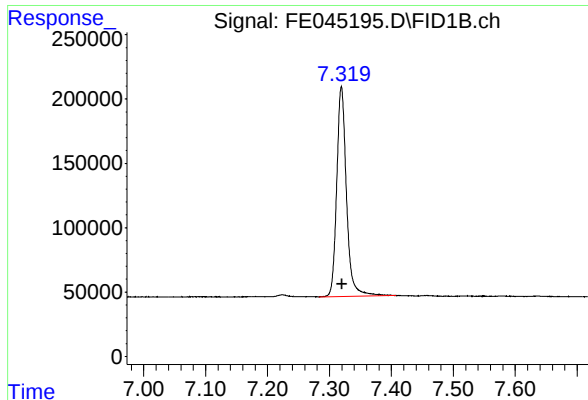
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 1874214
Conc: 10.58 ug/ml



#4 n-Dodecane (C12)

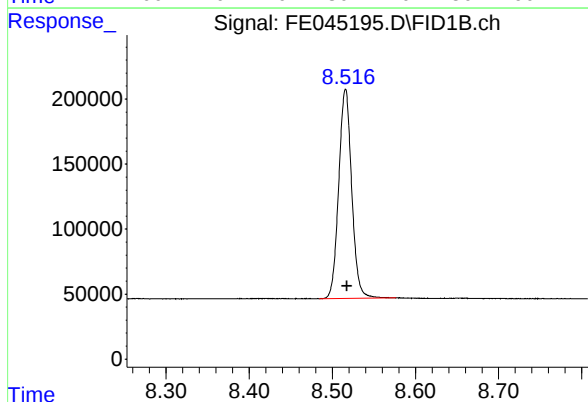
R.T.: 6.689 min
Delta R.T.: -0.001 min
Response: 1775206
Conc: 10.63 ug/ml



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

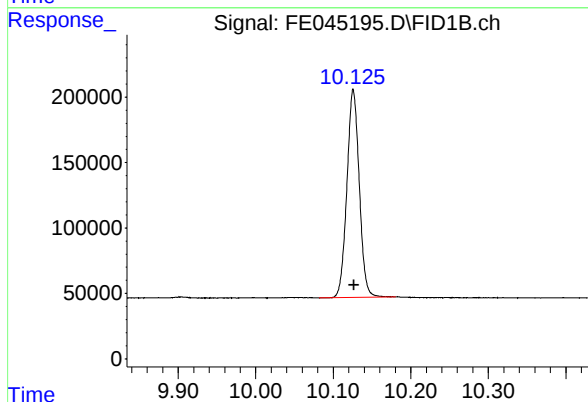
R.T.: 7.319 min
Delta R.T.: -0.001 min
Response: 1785147
Conc: 10.43 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



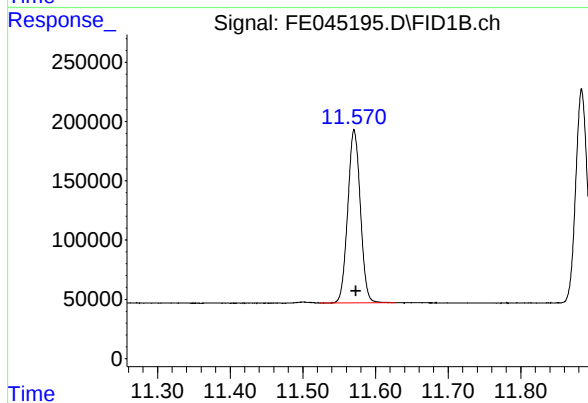
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 1749200
Conc: 10.62 ug/ml



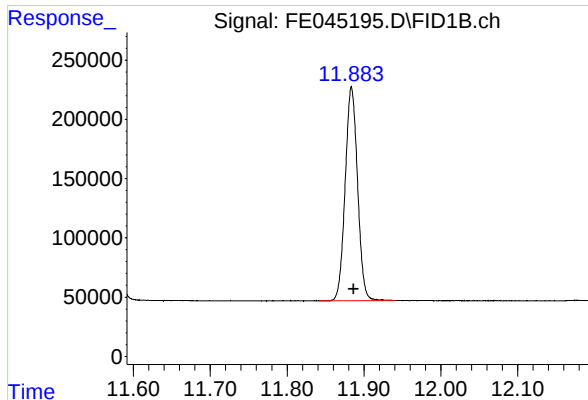
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: -0.001 min
Response: 1757641
Conc: 10.59 ug/ml



#8 n-Octadecane (C18)

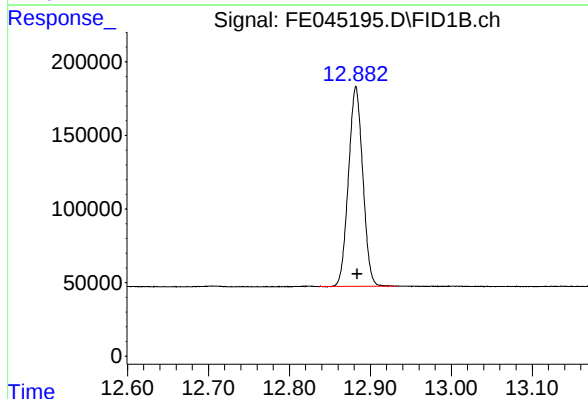
R.T.: 11.571 min
Delta R.T.: -0.002 min
Response: 1758768
Conc: 10.69 ug/ml



#9 ortho-Terphenyl (SURR)

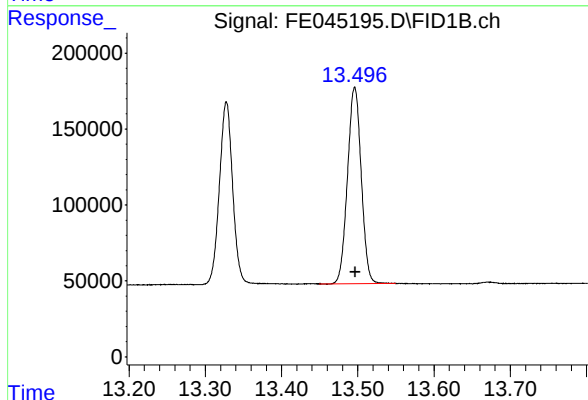
R.T.: 11.884 min
Delta R.T.: -0.003 min
Response: 2014386
Conc: 10.74 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



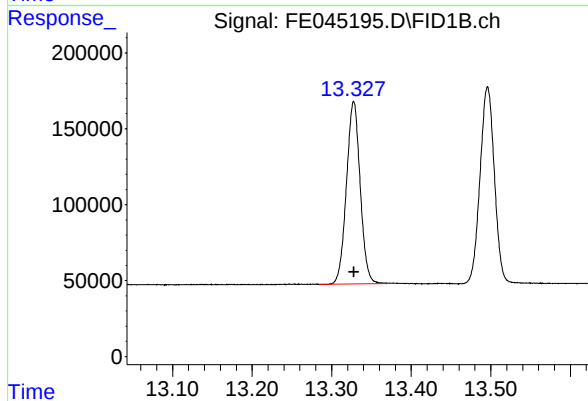
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: -0.002 min
Response: 1668313
Conc: 10.71 ug/ml



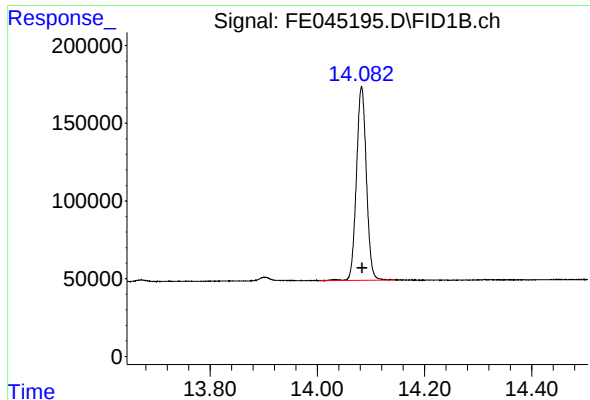
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: 0.000 min
Response: 1618464
Conc: 10.70 ug/ml



#12 1-chlorooctadecane (SURR)

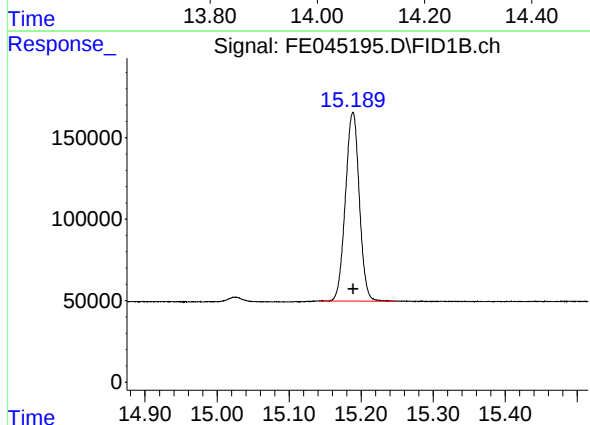
R.T.: 13.328 min
Delta R.T.: 0.000 min
Response: 1443091
Conc: 10.61 ug/ml



#13 n-Docosane (C22)

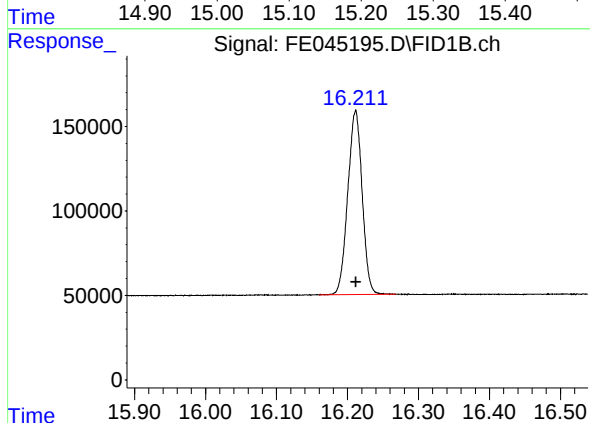
R.T.: 14.083 min
Delta R.T.: -0.001 min
Response: 1602334
Conc: 10.76 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



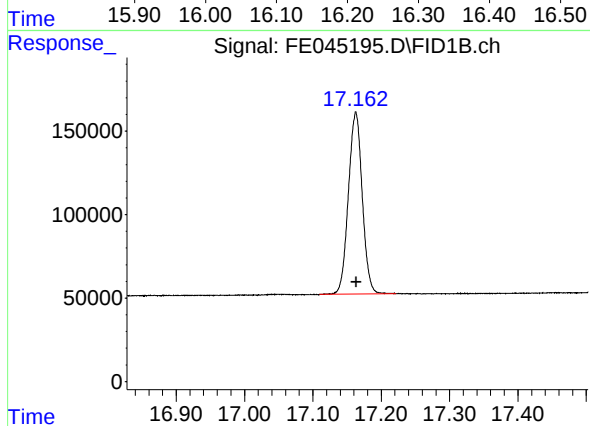
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: 0.000 min
Response: 1554611
Conc: 10.69 ug/ml



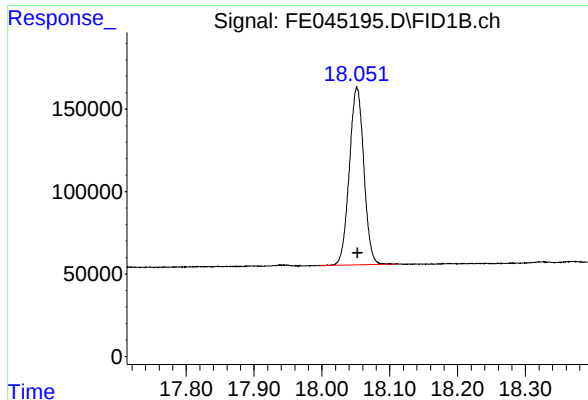
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: 0.000 min
Response: 1532215
Conc: 10.72 ug/ml



#16 n-Octacosane (C28)

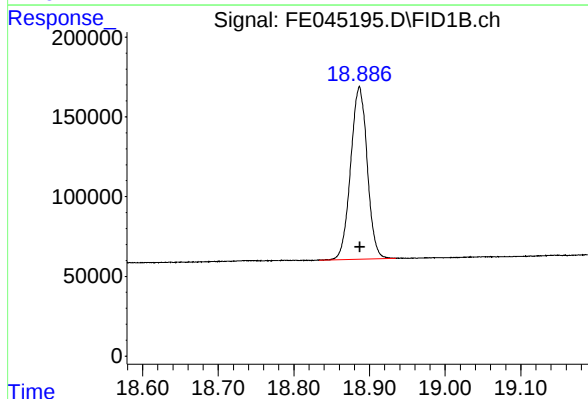
R.T.: 17.163 min
Delta R.T.: 0.000 min
Response: 1536622
Conc: 10.78 ug/ml



#17 n-Tricontane (C30)

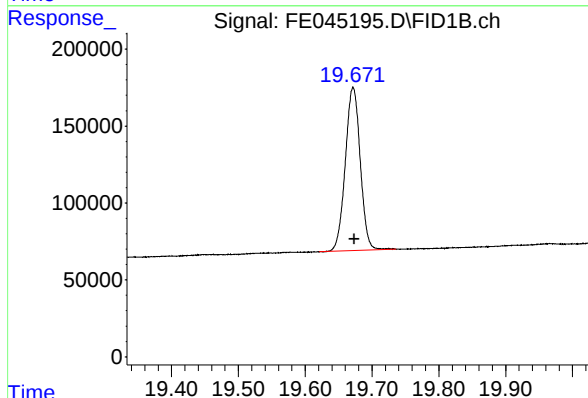
R.T.: 18.052 min
Delta R.T.: -0.001 min
Response: 1599278
Conc: 10.87 ug/ml

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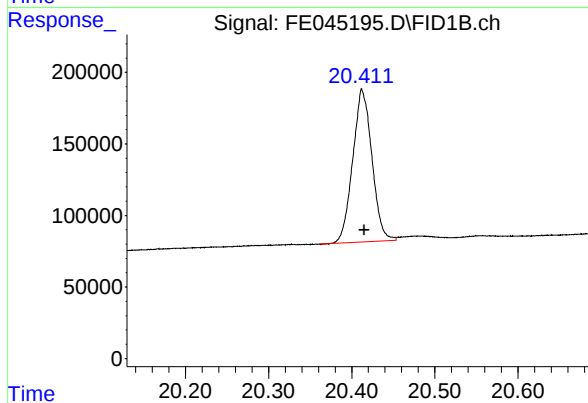
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: 0.000 min
Response: 1644310
Conc: 10.92 ug/ml



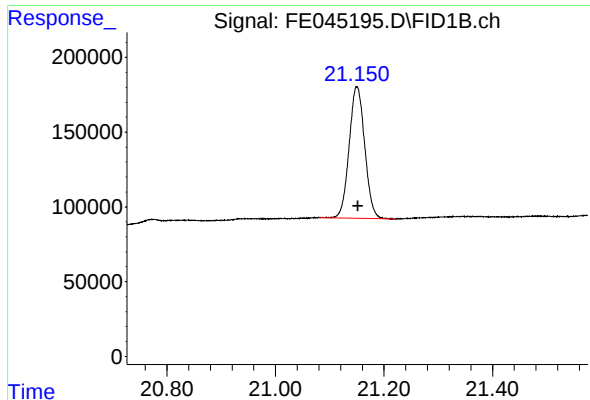
#19 n-Tetratriacontane (C34)

R.T.: 19.672 min
Delta R.T.: -0.002 min
Response: 1651704
Conc: 10.88 ug/ml



#20 n-Hexatriacontane (C36)

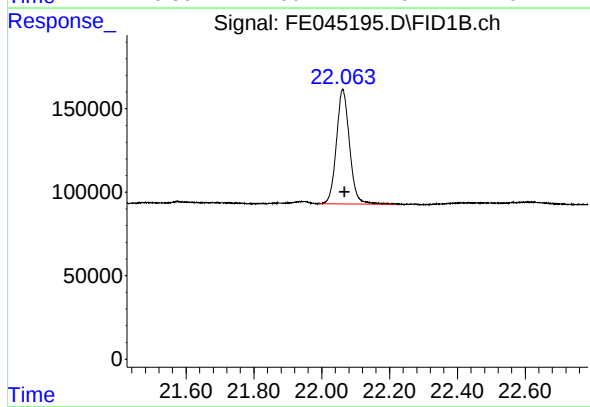
R.T.: 20.412 min
Delta R.T.: -0.002 min
Response: 1712014
Conc: 10.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.150 min
Delta R.T.: -0.002 min
Response: 1752069
Conc: 10.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.062 min
Delta R.T.: -0.005 min
Response: 1836082
Conc: 10.97 ug/ml