

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048134.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 10:56
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 02 14:05:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 13:59:26 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)	11.290	1989908	9.986 ug/ml
Spiked Amount 50.000		Recovery =	19.97%
12) S 1-chlorooctadecane (S...	12.732	1505245	9.900 ug/ml
Spiked Amount 50.000		Recovery =	19.80%
Target Compounds			
1) T n-Nonane (C9)	3.146	1786211	9.987 ug/ml
2) T n-Decane (C10)	4.193	1829387	9.946 ug/ml
3) T A~Naphthalene (C11.7)	5.742	1959289	9.803 ug/ml
4) T n-Dodecane (C12)	6.187	1857510	9.997 ug/ml
5) T A~2-methylnaphthalene...	6.789	1870744	9.738 ug/ml
6) T n-Tetradecane (C14)	7.970	1853699	10.059 ug/ml
7) T n-Hexadecane (C16)	9.560	1882139	9.964 ug/ml
8) T n-Octadecane (C18)	10.993	1904300	9.993 ug/ml
10) T n-Eicosane (C20)	12.294	1819981	9.976 ug/ml
11) T n-Heneicosane (C21)	12.903	1788010	9.993 ug/ml
13) T n-Docosane (C22)	13.486	1758338	9.918 ug/ml
14) T n-Tetracosane (C24)	14.583	1733107	9.894 ug/ml
15) T n-Hexacosane (C26)	15.598	1671447	9.866 ug/ml
16) T n-Octacosane (C28)	16.543	1607090	9.836 ug/ml
17) T n-Tricontane (C30)	17.427	1616966	9.900 ug/ml
18) T n-Dotriacontane (C32)	18.254	1554473	9.913 ug/ml
19) T n-Tetratriacontane (C34)	19.033	1491018	9.979 ug/ml
20) T n-Hexatriacontane (C36)	19.769	1406228	9.957 ug/ml
21) T n-Octatriacontane (C38)	20.466	1371738	9.965 ug/ml
22) T n-Tetracontane (C40)	21.256	1307342	9.841 ug/ml

(f)=RT Delta > 1/2 Window

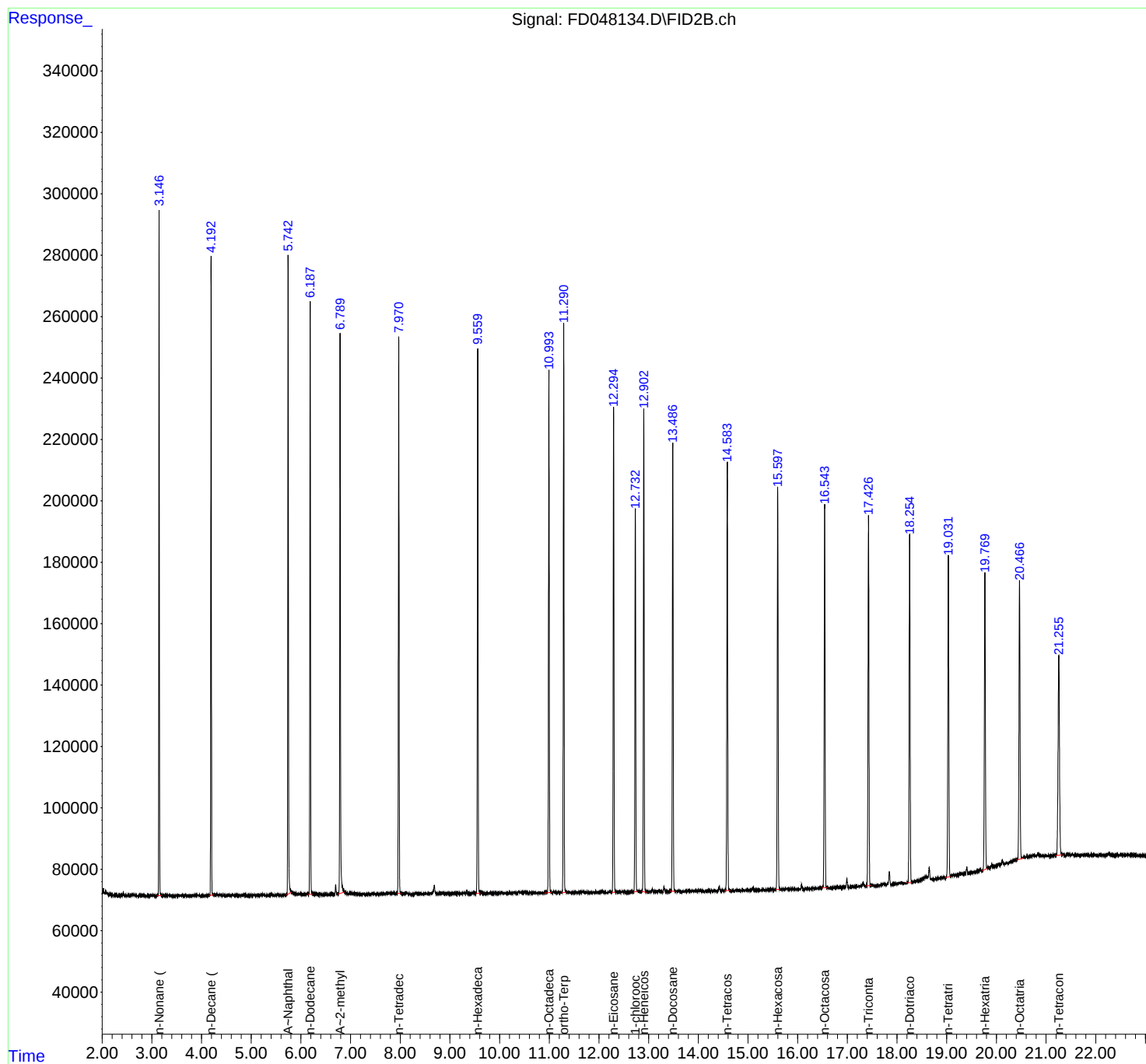
(m)=manual int.

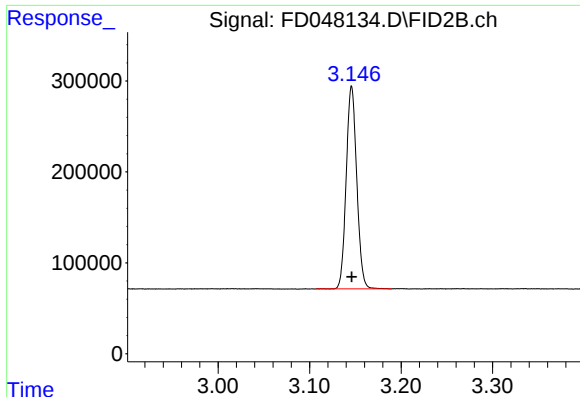
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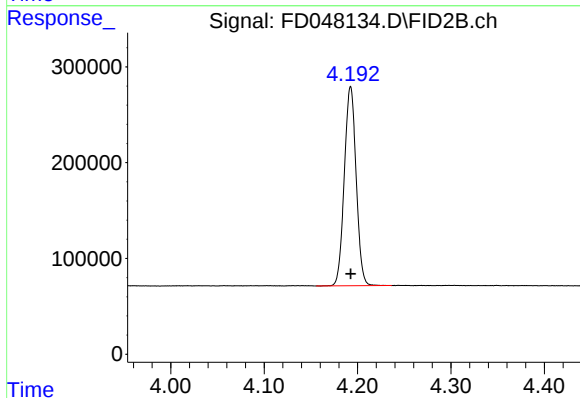




#1 n-Nonane (C9)

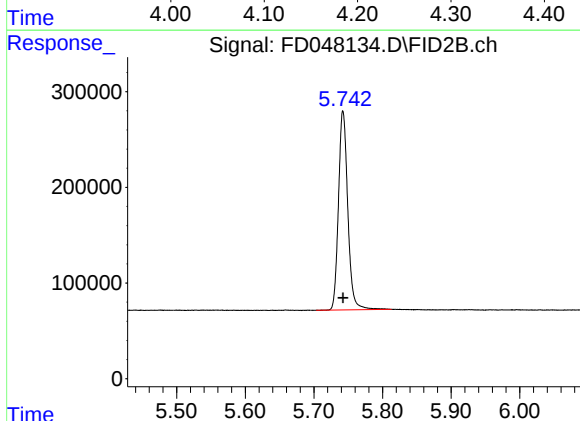
R.T.: 3.146 min
Delta R.T.: 0.000 min
Response: 1786211
Conc: 9.99 ug/ml

Instrument :
FID_D
ClientSampleId :



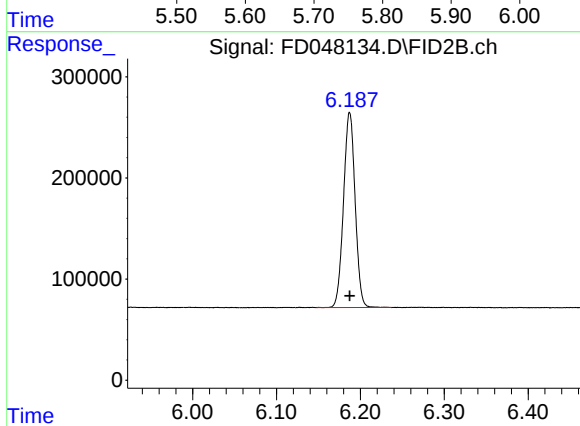
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 1829387
Conc: 9.95 ug/ml



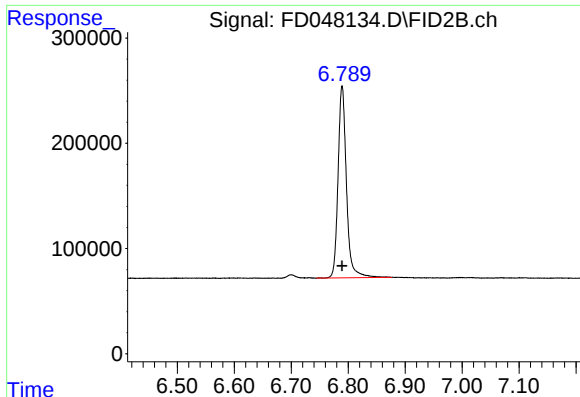
#3 A~Naphthalene (C11.7)

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 1959289
Conc: 9.80 ug/ml



#4 n-Dodecane (C12)

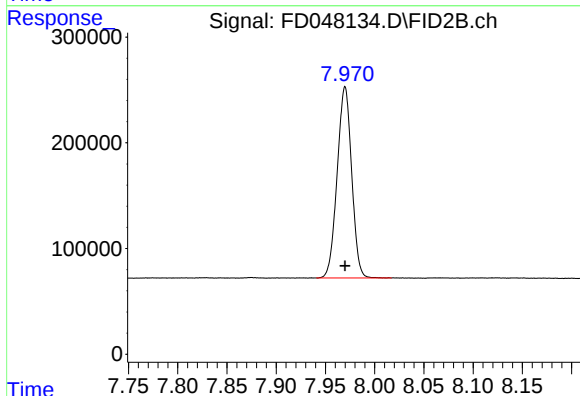
R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 1857510
Conc: 10.00 ug/ml



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

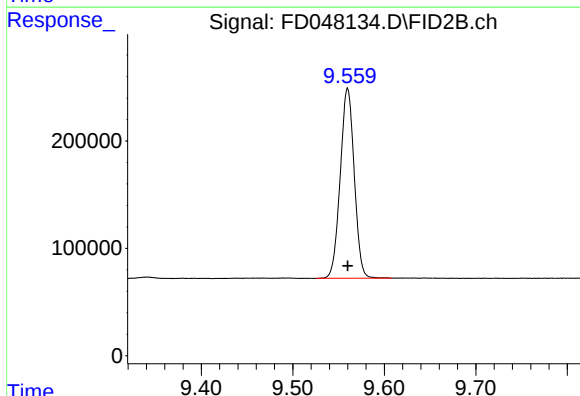
R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 1870744
Conc: 9.74 ug/ml

Instrument :
FID_D
ClientSampleId :



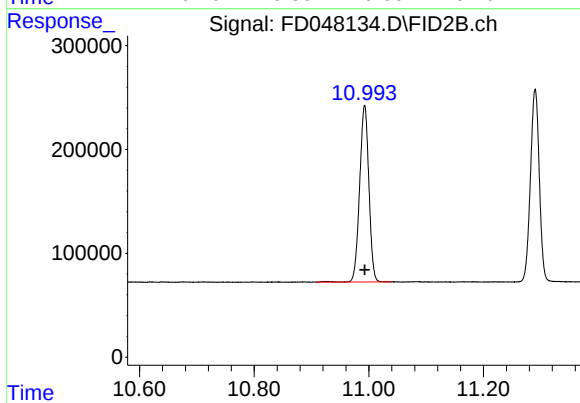
#6 n-Tetradecane (C14)

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 1853699
Conc: 10.06 ug/ml



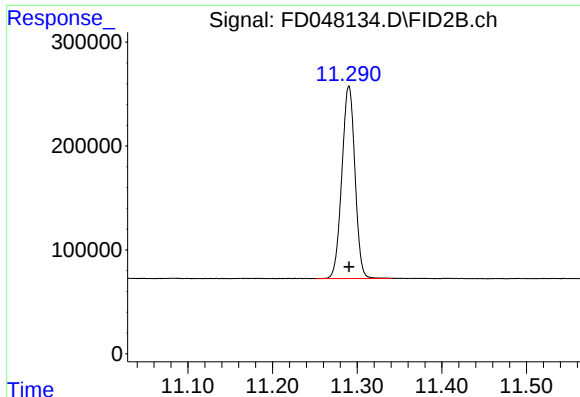
#7 n-Hexadecane (C16)

R.T.: 9.560 min
Delta R.T.: 0.000 min
Response: 1882139
Conc: 9.96 ug/ml



#8 n-Octadecane (C18)

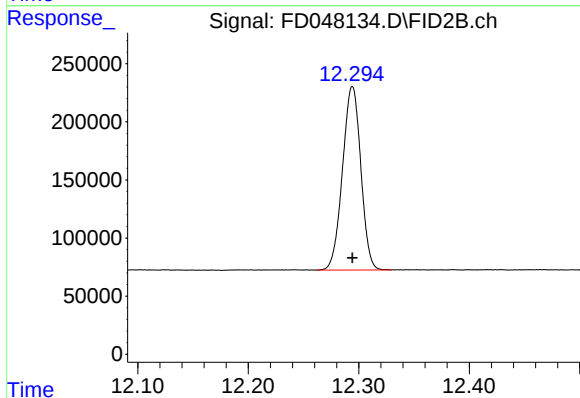
R.T.: 10.993 min
Delta R.T.: 0.000 min
Response: 1904300
Conc: 9.99 ug/ml



#9 ortho-Terphenyl (SURR)

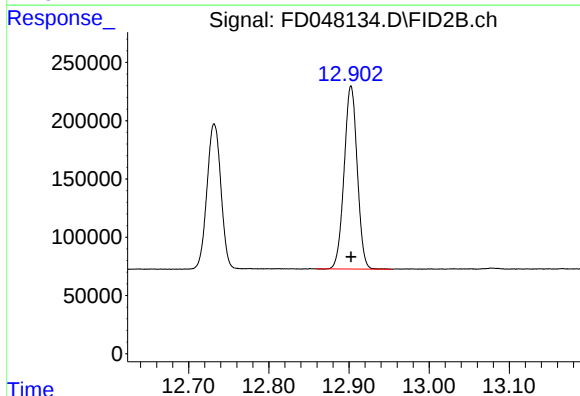
R.T.: 11.290 min
Delta R.T.: 0.000 min
Response: 1989908
Conc: 9.99 ug/ml

Instrument :
FID_D
ClientSampleId :



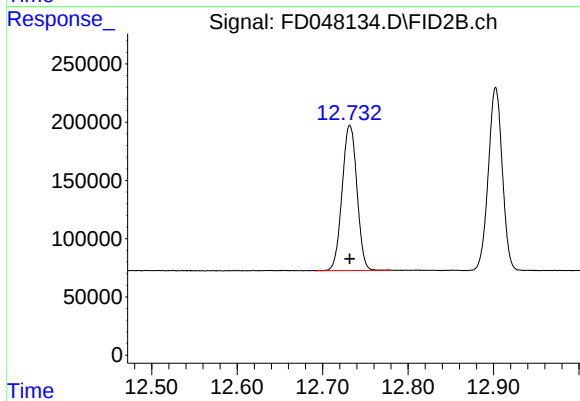
#10 n-Eicosane (C20)

R.T.: 12.294 min
Delta R.T.: 0.000 min
Response: 1819981
Conc: 9.98 ug/ml



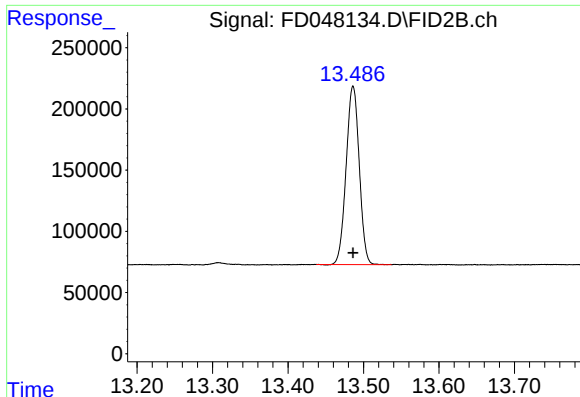
#11 n-Heneicosane (C21)

R.T.: 12.903 min
Delta R.T.: 0.000 min
Response: 1788010
Conc: 9.99 ug/ml



#12 1-chlorooctadecane (SURR)

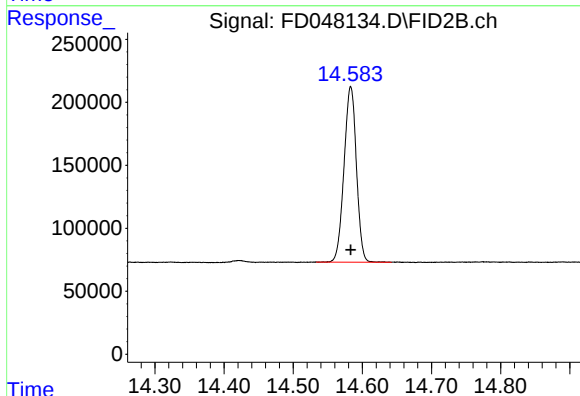
R.T.: 12.732 min
Delta R.T.: 0.000 min
Response: 1505245
Conc: 9.90 ug/ml



#13 n-Docosane (C22)

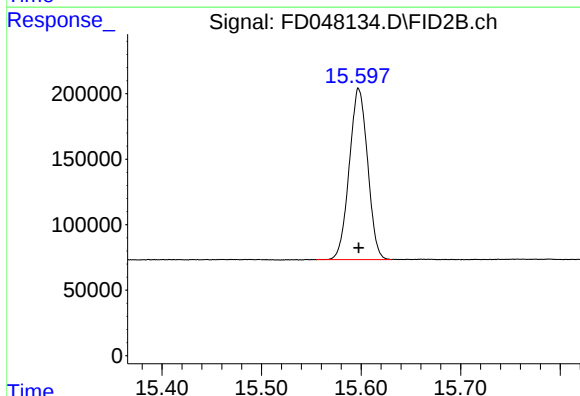
R.T.: 13.486 min
Delta R.T.: 0.000 min
Response: 1758338
Conc: 9.92 ug/ml

Instrument :
FID_D
ClientSampleId :



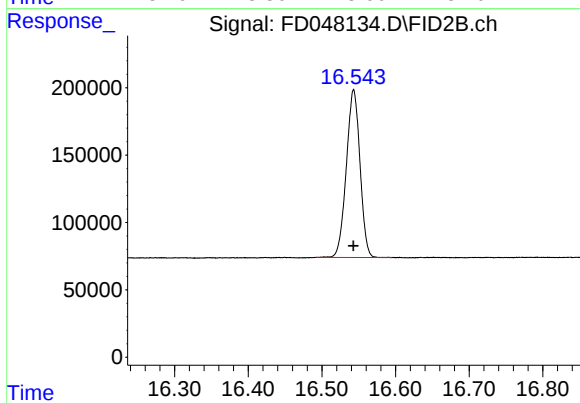
#14 n-Tetracosane (C24)

R.T.: 14.583 min
Delta R.T.: 0.000 min
Response: 1733107
Conc: 9.89 ug/ml



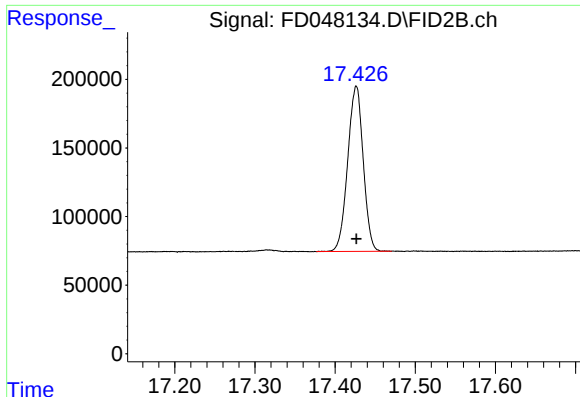
#15 n-Hexacosane (C26)

R.T.: 15.598 min
Delta R.T.: 0.000 min
Response: 1671447
Conc: 9.87 ug/ml



#16 n-Octacosane (C28)

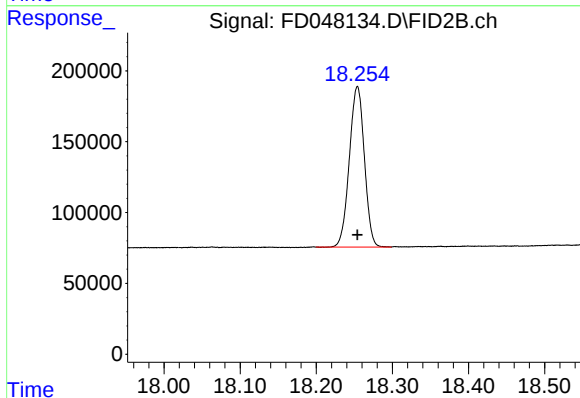
R.T.: 16.543 min
Delta R.T.: 0.000 min
Response: 1607090
Conc: 9.84 ug/ml



#17 n-Tricontane (C30)

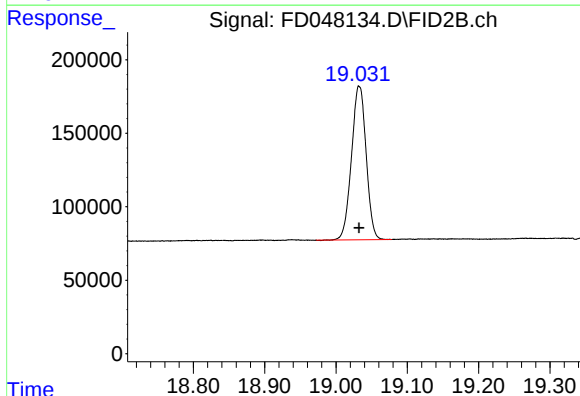
R.T.: 17.427 min
Delta R.T.: 0.000 min
Response: 1616966
Conc: 9.90 ug/ml

Instrument :
FID_D
ClientSampleId :



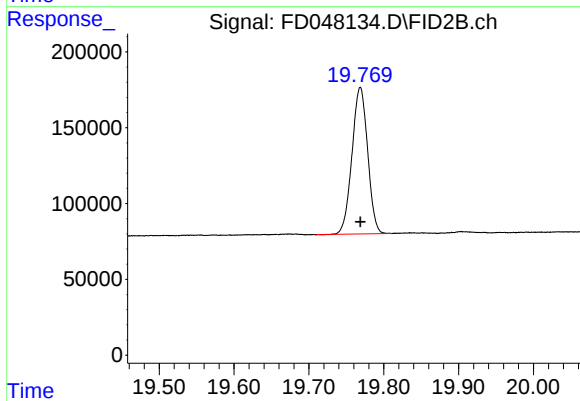
#18 n-Dotriacontane (C32)

R.T.: 18.254 min
Delta R.T.: 0.000 min
Response: 1554473
Conc: 9.91 ug/ml



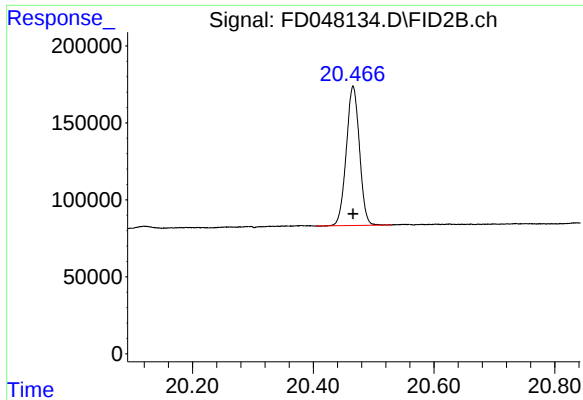
#19 n-Tetratriacontane (C34)

R.T.: 19.033 min
Delta R.T.: 0.000 min
Response: 1491018
Conc: 9.98 ug/ml



#20 n-Hexatriacontane (C36)

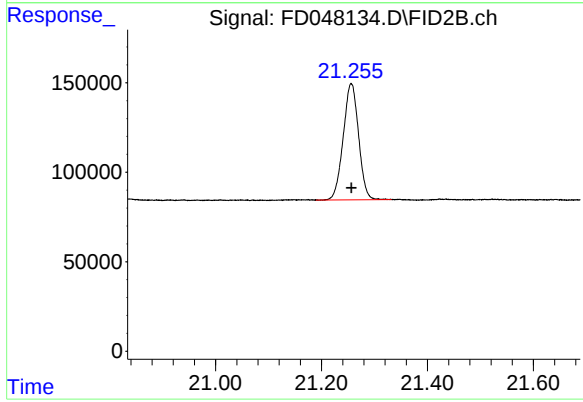
R.T.: 19.769 min
Delta R.T.: 0.000 min
Response: 1406228
Conc: 9.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 1371738
Conc: 9.96 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.256 min
Delta R.T.: 0.000 min
Response: 1307342
Conc: 9.84 ug/ml