

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041425AL\
 Data File : FE053353.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2025 20:34
 Operator : YP\AJ
 Sample : Q1783-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 02:40:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.913	12069614	74.100 ug/ml
Spiked Amount 50.000		Recovery =	148.20%
12) S 1-chlorooctadecane (S...	13.357	7701514	64.155 ug/ml
Spiked Amount 50.000		Recovery =	128.31%
Target Compounds			
1) T n-Nonane (C9)	3.234	1355224	8.752 ug/ml
2) T n-Decane (C10)	4.499	5273666	33.621 ug/ml
3) T A~Naphthalene (C11.7)	6.243	5928753	35.292 ug/ml
4) T n-Dodecane (C12)	6.691	19379428	123.910 ug/ml
5) T A~2-methylnaphthalene...	7.328	12410614	77.780 ug/ml
6) T n-Tetradecane (C14)	8.538	32909549	214.932 ug/ml
7) T n-Hexadecane (C16)	10.155	33378471	216.537 ug/ml
8) T n-Octadecane (C18)	11.605	23966653	158.023 ug/ml
10) T n-Eicosane (C20)	12.915	17309065	121.403 ug/ml
11) T n-Heneicosane (C21)	13.526	11237985	80.983 ug/ml
13) T n-Docosane (C22)	14.112	8797500	64.236 ug/ml
14) T n-Tetracosane (C24)	15.212	4435511	32.841 ug/ml
15) T n-Hexacosane (C26)	16.240	1645112	12.332 ug/ml
16) T n-Octacosane (C28)	17.196	1786160	13.535 ug/ml
17) T n-Tricontane (C30)	18.089	1870334	13.799 ug/ml
18) T n-Dotriacontane (C32)	18.928	2005135	14.901 ug/ml
19) T n-Tetratriacontane (C34)	19.720	1918252	14.825 ug/ml
20) T n-Hexatriacontane (C36)	20.468	1522447	12.816 ug/ml
21) T n-Octatriacontane (C38)	21.116	181592	1.580 ug/ml
22) T n-Tetracontane (C40)	22.058	591830	5.269 ug/ml

(f)=RT Delta > 1/2 Window

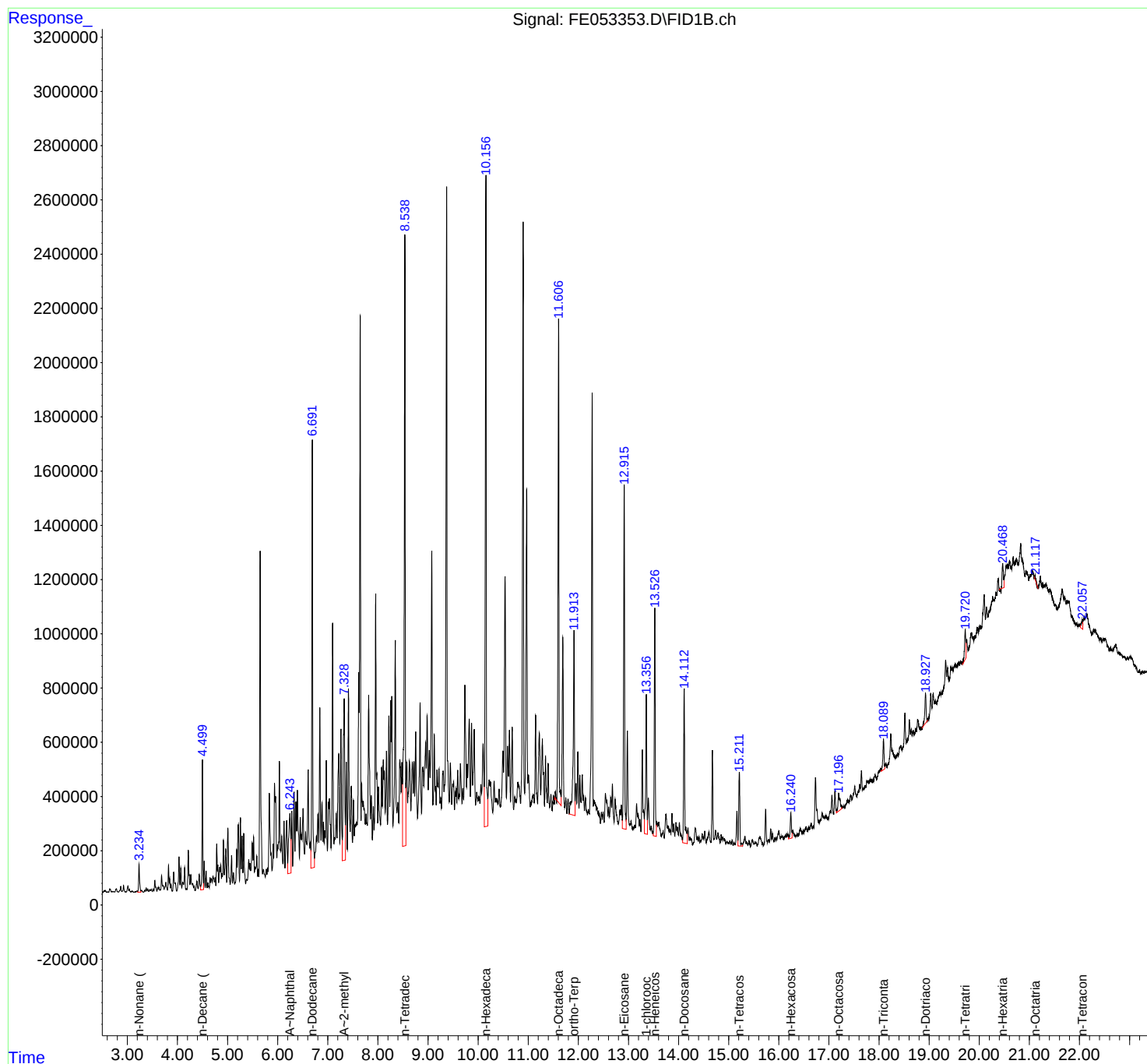
(m)=manual int.

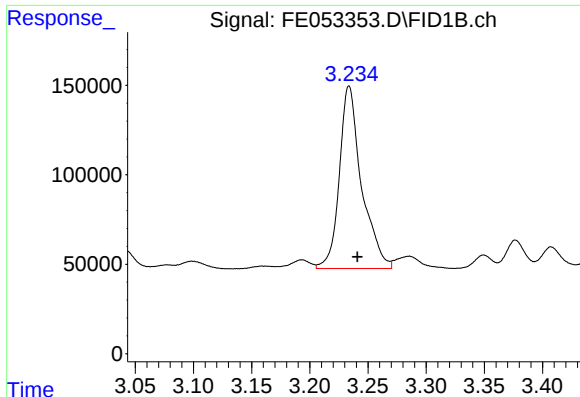
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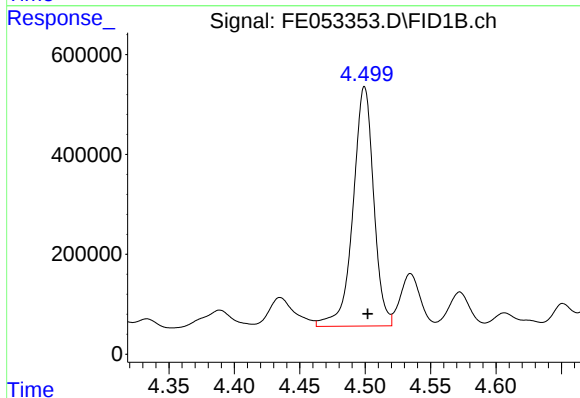




#1 n-Nonane (C9)

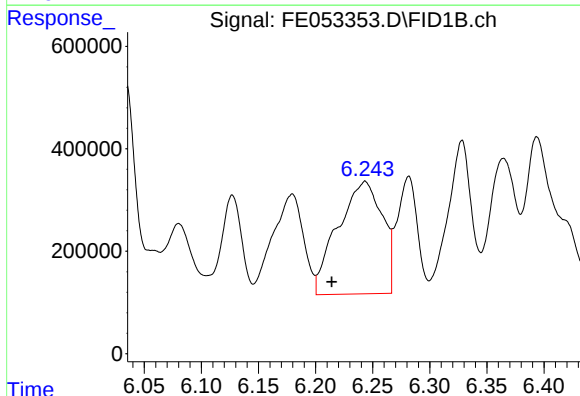
R.T.: 3.234 min
Delta R.T.: -0.007 min
Response: 1355224
Conc: 8.75 ug/ml

Instrument :
FID_E
ClientSampleId :



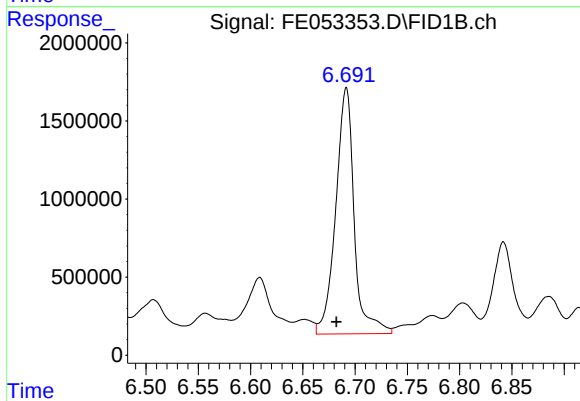
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.002 min
Response: 5273666
Conc: 33.62 ug/ml



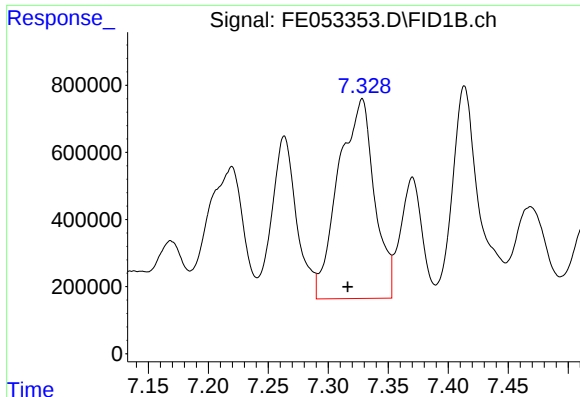
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: 0.029 min
Response: 5928753
Conc: 35.29 ug/ml



#4 n-Dodecane (C12)

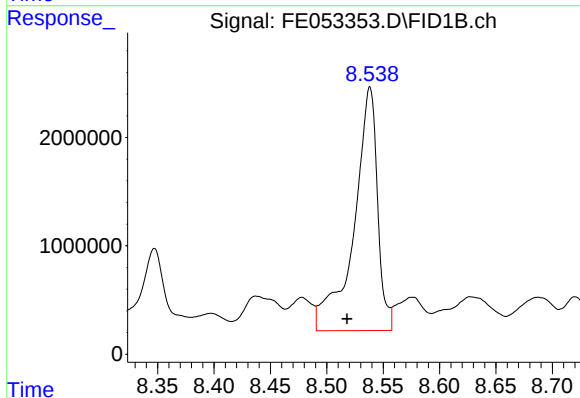
R.T.: 6.691 min
Delta R.T.: 0.009 min
Response: 19379428
Conc: 123.91 ug/ml



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

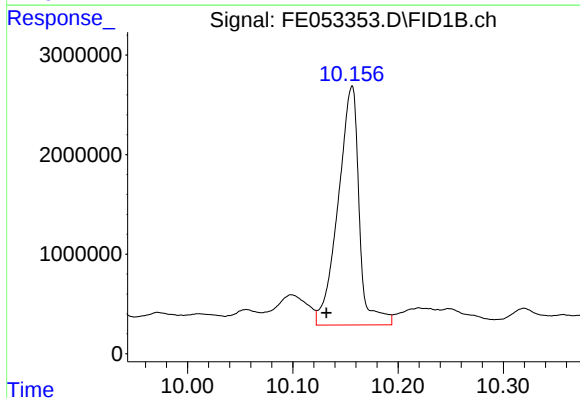
R.T.: 7.328 min
Delta R.T.: 0.011 min
Response: 12410614
Conc: 77.78 ug/ml

Instrument :
FID_E
ClientSampleId :



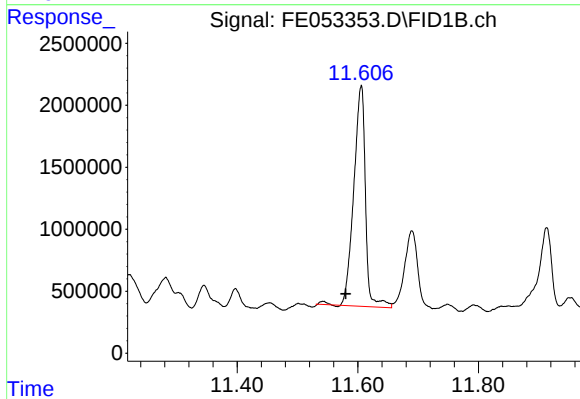
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: 0.020 min
Response: 32909549
Conc: 214.93 ug/ml



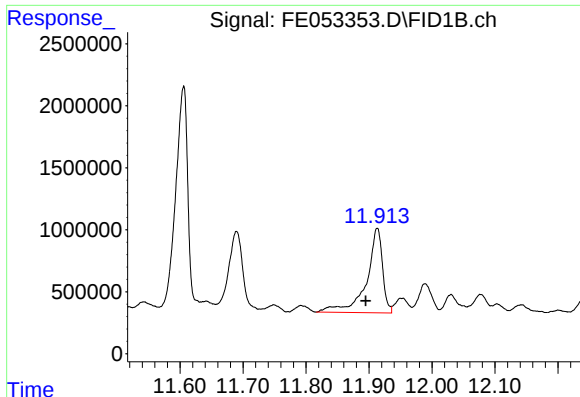
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: 0.024 min
Response: 33378471
Conc: 216.54 ug/ml



#8 n-Octadecane (C18)

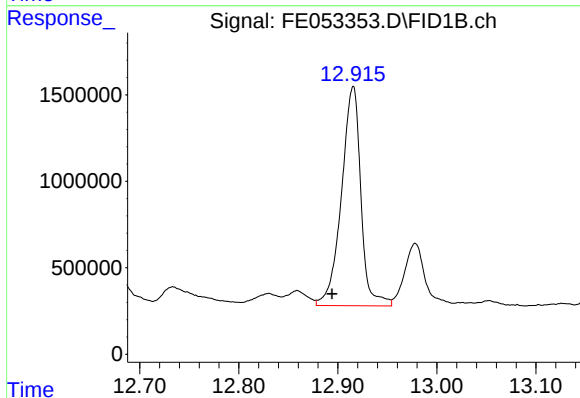
R.T.: 11.605 min
Delta R.T.: 0.025 min
Response: 23966653
Conc: 158.02 ug/ml



#9 ortho-Terphenyl (SURR)

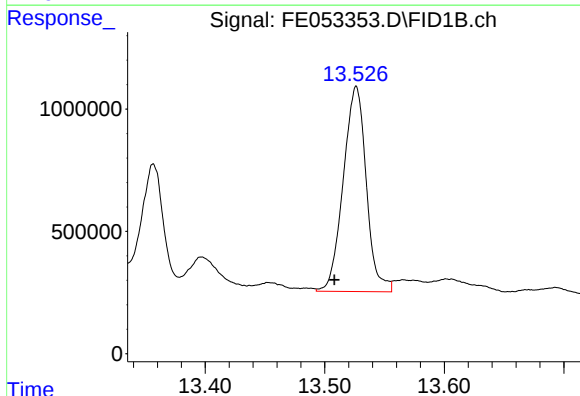
R.T.: 11.913 min
Delta R.T.: 0.018 min
Response: 12069614
Conc: 74.10 ug/ml

Instrument :
FID_E
ClientSampleId :



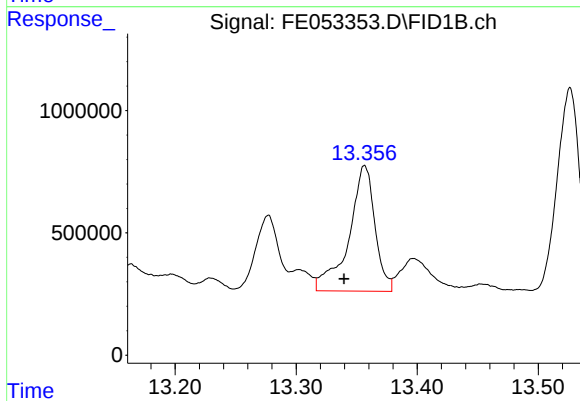
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: 0.021 min
Response: 17309065
Conc: 121.40 ug/ml



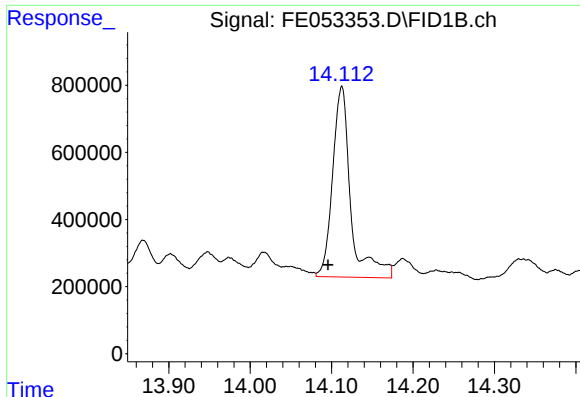
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.018 min
Response: 11237985
Conc: 80.98 ug/ml



#12 1-chlorooctadecane (SURR)

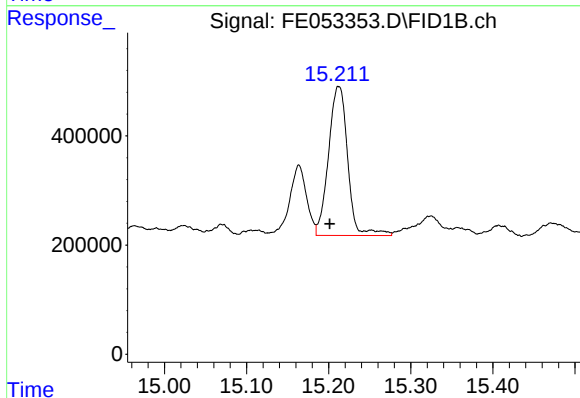
R.T.: 13.357 min
Delta R.T.: 0.017 min
Response: 7701514
Conc: 64.16 ug/ml



#13 n-Docosane (C22)

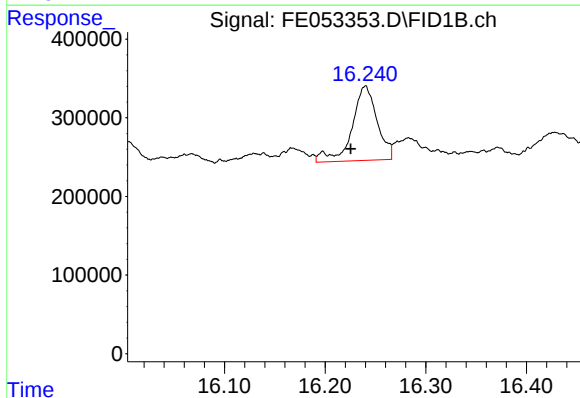
R.T.: 14.112 min
Delta R.T.: 0.017 min
Response: 8797500
Conc: 64.24 ug/ml

Instrument :
FID_E
ClientSampleId :



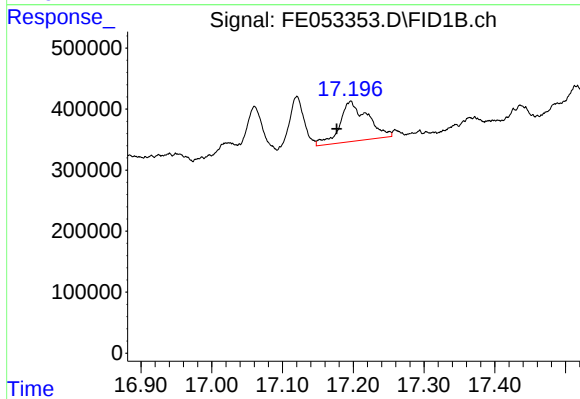
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: 0.011 min
Response: 4435511
Conc: 32.84 ug/ml



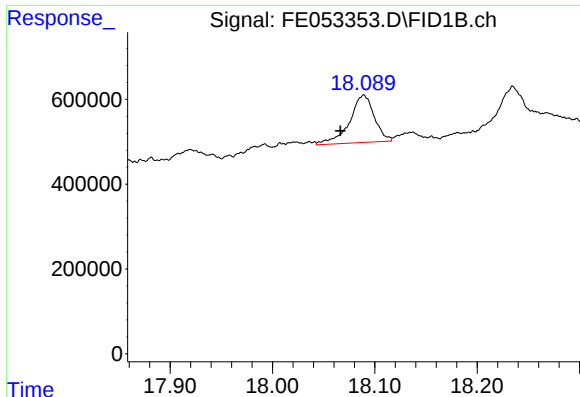
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.015 min
Response: 1645112
Conc: 12.33 ug/ml



#16 n-Octacosane (C28)

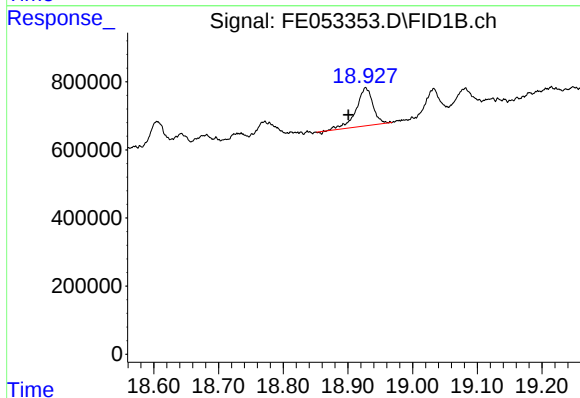
R.T.: 17.196 min
Delta R.T.: 0.019 min
Response: 1786160
Conc: 13.53 ug/ml



#17 n-Tricontane (C30)

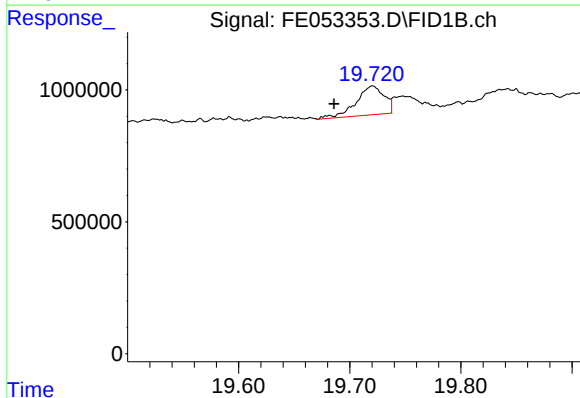
R.T.: 18.089 min
Delta R.T.: 0.023 min
Response: 1870334
Conc: 13.80 ug/ml

Instrument :
FID_E
ClientSampleId :



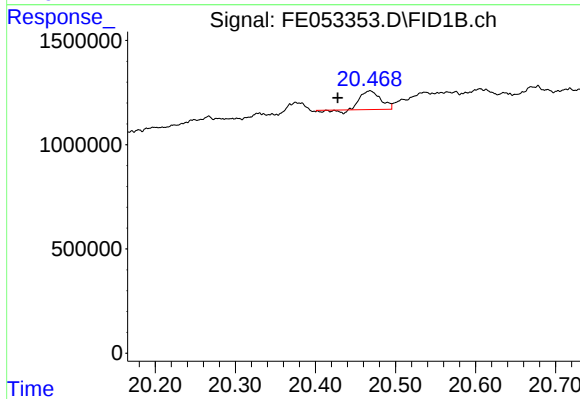
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: 0.027 min
Response: 2005135
Conc: 14.90 ug/ml



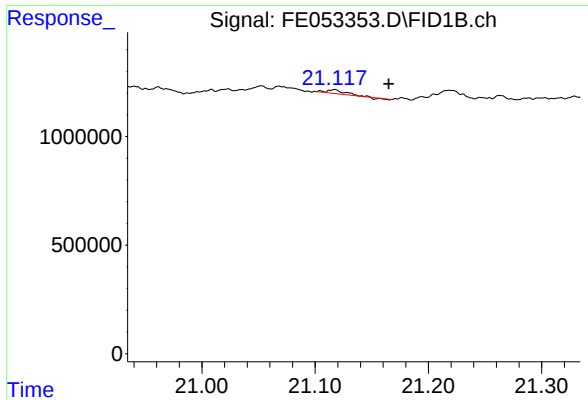
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.035 min
Response: 1918252
Conc: 14.82 ug/ml



#20 n-Hexatriacontane (C36)

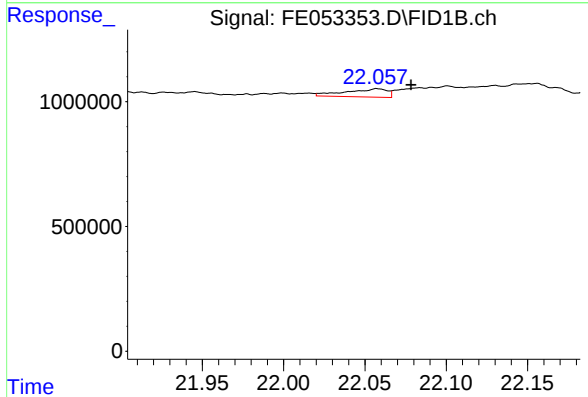
R.T.: 20.468 min
Delta R.T.: 0.040 min
Response: 1522447
Conc: 12.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: -0.049 min
Response: 181592
Conc: 1.58 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.058 min
Delta R.T.: -0.021 min
Response: 591830
Conc: 5.27 ug/ml