

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090925AL\
 Data File : FF016355.D
 Signal(s) : FID2B.ch
 Acq On : 09 Sep 2025 11:06
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 10 01:30:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 03:35:42 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)	11.968	27437	0.190 ug/ml
Spiked Amount 50.000		Recovery =	0.38%
12) S 1-chlorooctadecane (S...	13.410	2580384	23.133 ug/ml
Spiked Amount 50.000		Recovery =	46.27%
Target Compounds			
1) T n-Nonane (C9)	3.323	156808	1.341 ug/ml
2) T n-Decane (C10)	4.584	178065	1.503 ug/ml
3) T A~Naphthalene (C11.7)	6.301	34365	0.263 ug/ml
4) T n-Dodecane (C12)	6.762	215106	1.792 ug/ml
5) T A~2-methylnaphthalene...	7.405	35289	0.277 ug/ml
6) T n-Tetradecane (C14)	8.595	267669	2.221 ug/ml
7) T n-Hexadecane (C16)	10.206	166027	1.329 ug/ml
8) T n-Octadecane (C18)	11.651	241109	1.861 ug/ml
10) T n-Eicosane (C20)	12.963	283396	2.216 ug/ml
11) T n-Heneicosane (C21)	13.577	260495	2.052 ug/ml
13) T n-Docosane (C22)	14.165	269022	2.119 ug/ml
14) T n-Tetracosane (C24)	15.271	276004	2.158 ug/ml
15) T n-Hexacosane (C26)	16.294	243462	1.948 ug/ml
16) T n-Octacosane (C28)	17.247	259704	2.120 ug/ml
17) T n-Tricontane (C30)	18.137	286507	2.301 ug/ml
18) T n-Dotriacontane (C32)	18.973	300905	2.497 ug/ml
19) T n-Tetratriacontane (C34)	19.758	278143	2.551 ug/ml
20) T n-Hexatriacontane (C36)	20.500	239027	2.561 ug/ml
21) T n-Octatriacontane (C38)	21.259	210536	2.503 ug/ml
22) T n-Tetracontane (C40)	22.211	188706	2.404 ug/ml

(f)=RT Delta > 1/2 Window

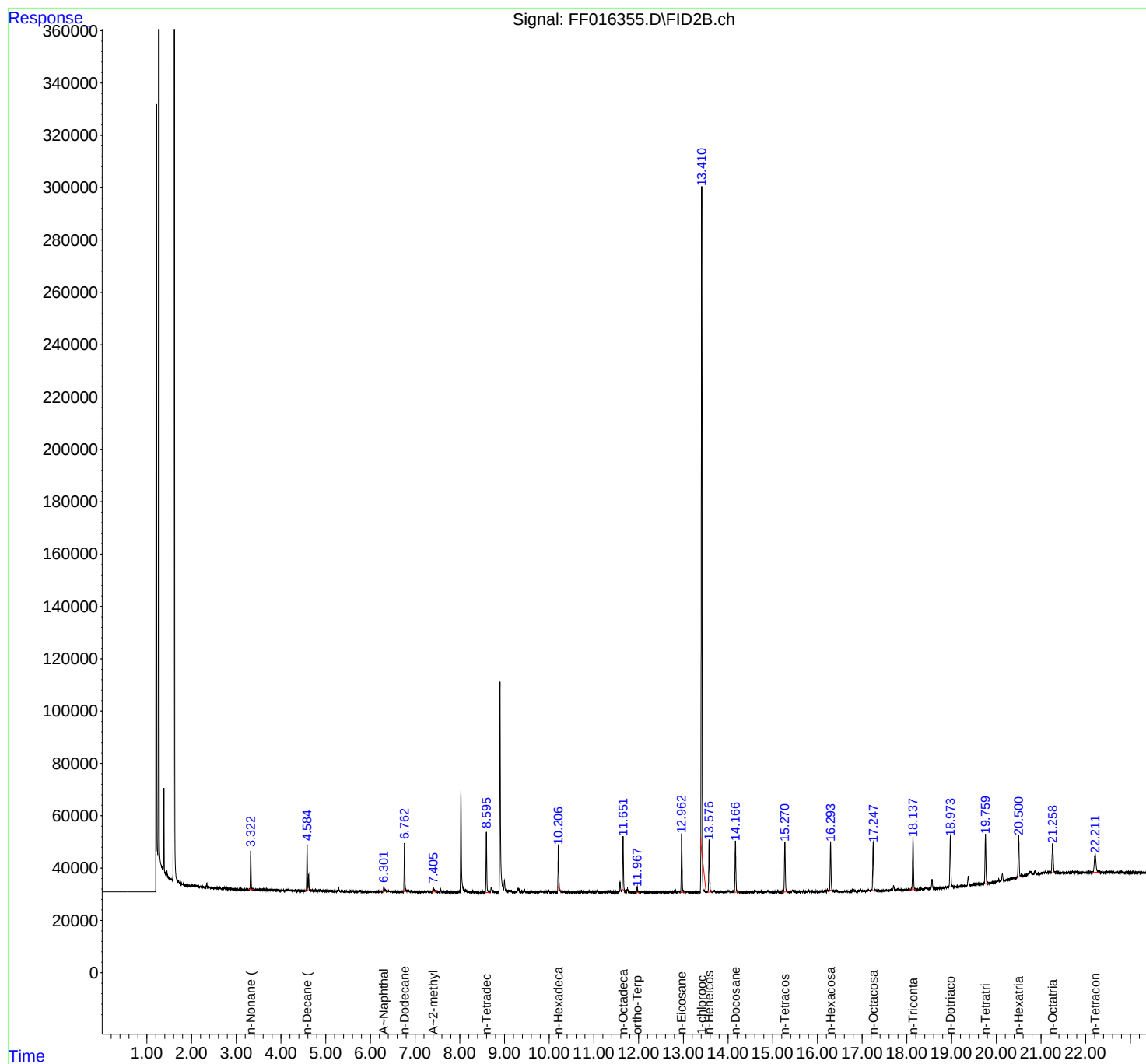
(m)=manual int.

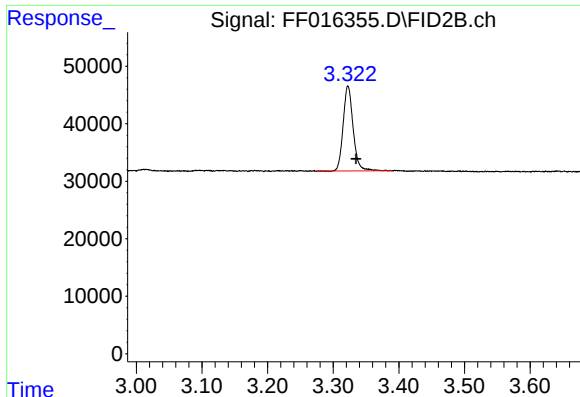
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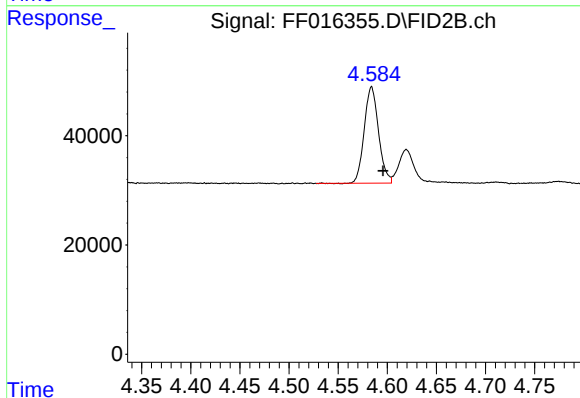




#1 n-Nonane (C9)

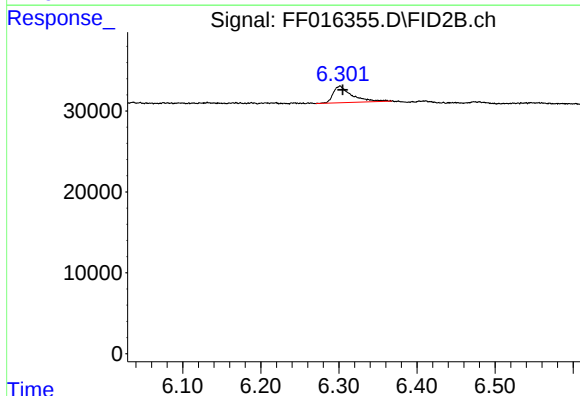
R.T.: 3.323 min
Delta R.T.: -0.012 min
Response: 156808
Conc: 1.34 ug/ml

Instrument :
FID_E
ClientSampleId :



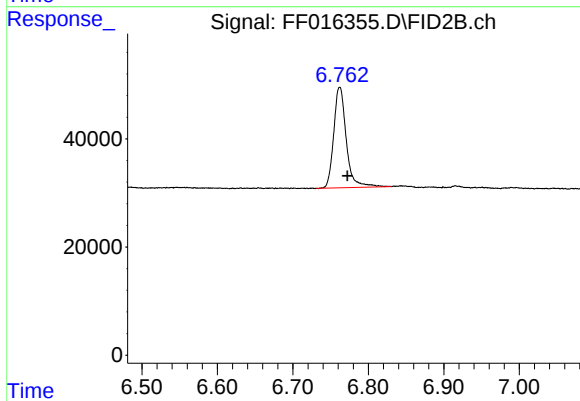
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: -0.012 min
Response: 178065
Conc: 1.50 ug/ml



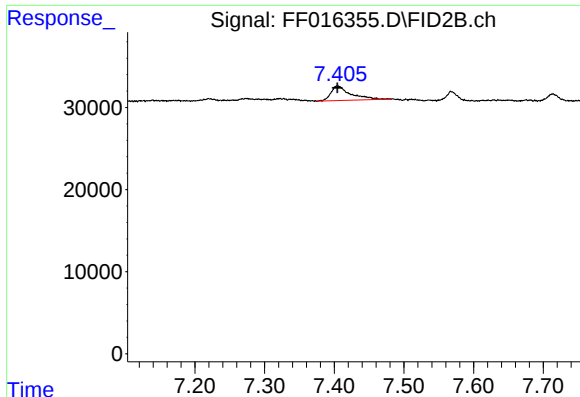
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.004 min
Response: 34365
Conc: 0.26 ug/ml



#4 n-Dodecane (C12)

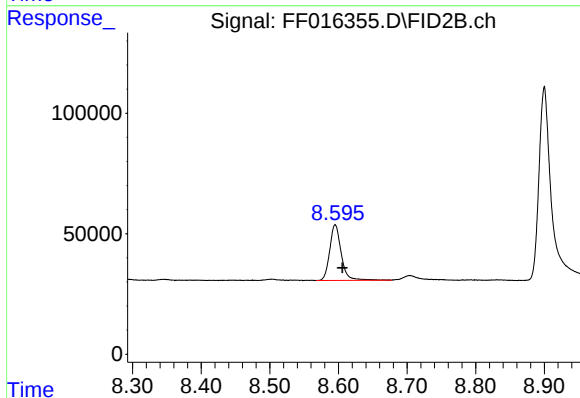
R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 215106
Conc: 1.79 ug/ml



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

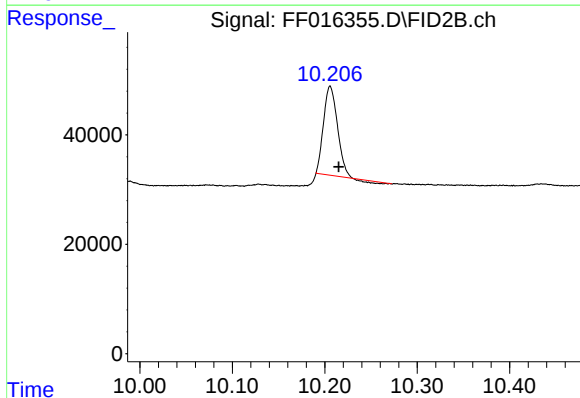
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 35289
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :



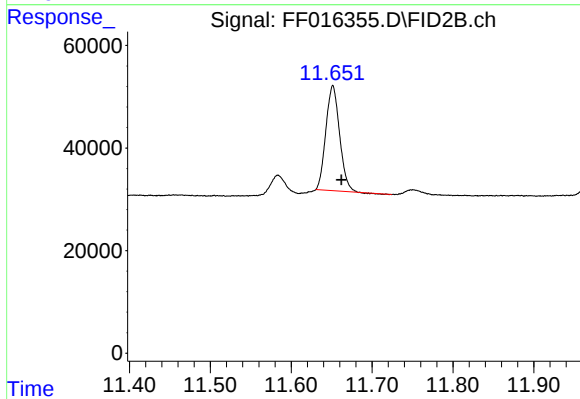
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.011 min
Response: 267669
Conc: 2.22 ug/ml



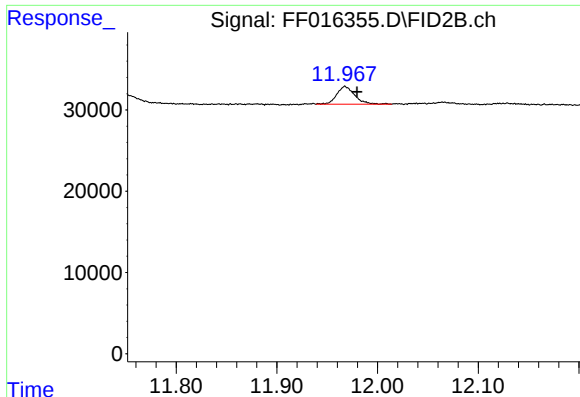
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.009 min
Response: 166027
Conc: 1.33 ug/ml



#8 n-Octadecane (C18)

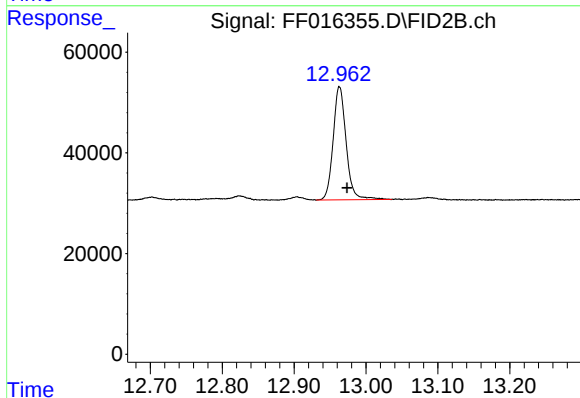
R.T.: 11.651 min
Delta R.T.: -0.010 min
Response: 241109
Conc: 1.86 ug/ml



#9 ortho-Terphenyl (SURR)

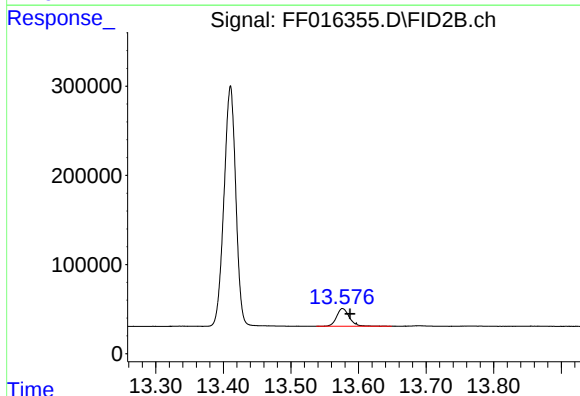
R.T.: 11.968 min
Delta R.T.: -0.012 min
Response: 27437
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :



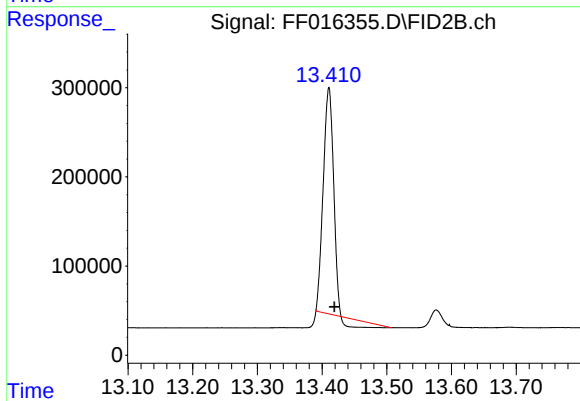
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.010 min
Response: 283396
Conc: 2.22 ug/ml



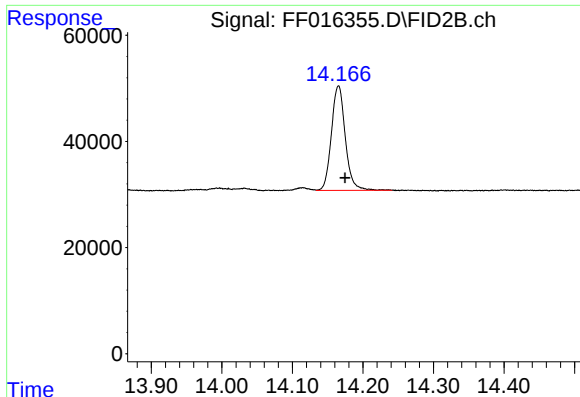
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: -0.011 min
Response: 260495
Conc: 2.05 ug/ml



#12 1-chlorooctadecane (SURR)

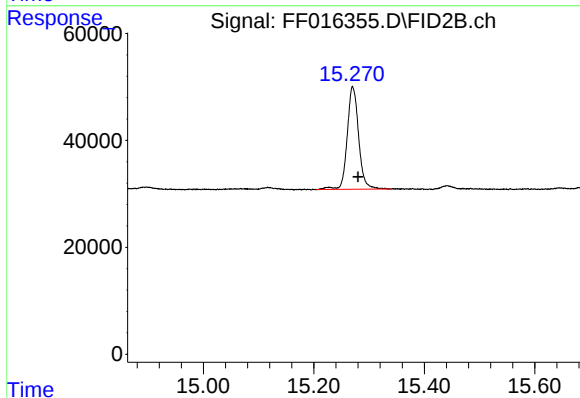
R.T.: 13.410 min
Delta R.T.: -0.009 min
Response: 2580384
Conc: 23.13 ug/ml



#13 n-Docosane (C22)

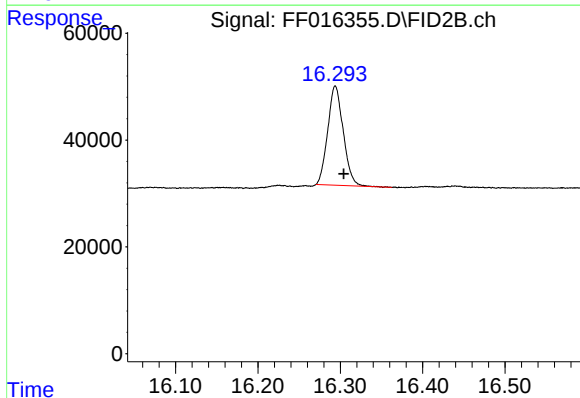
R.T.: 14.165 min
Delta R.T.: -0.009 min
Response: 269022
Conc: 2.12 ug/ml

Instrument :
FID_E
ClientSampleId :



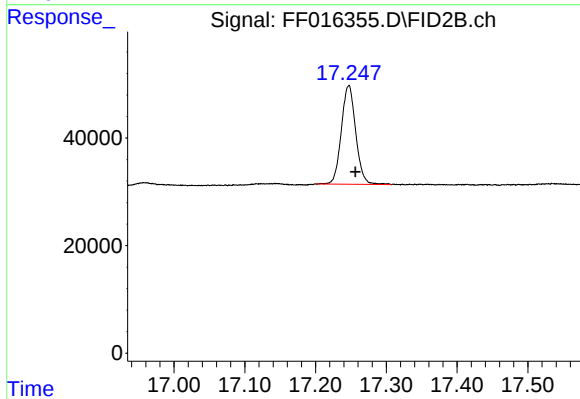
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: -0.009 min
Response: 276004
Conc: 2.16 ug/ml



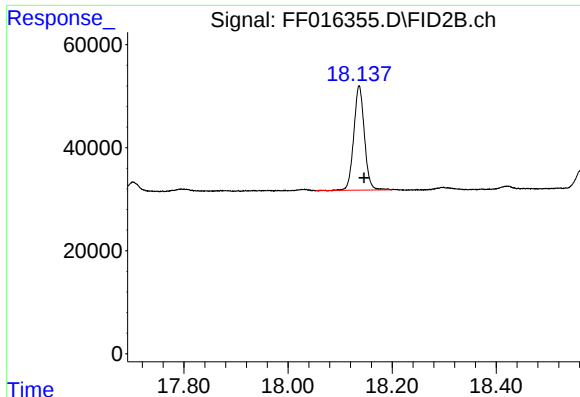
#15 n-Hexacosane (C26)

R.T.: 16.294 min
Delta R.T.: -0.010 min
Response: 243462
Conc: 1.95 ug/ml



#16 n-Octacosane (C28)

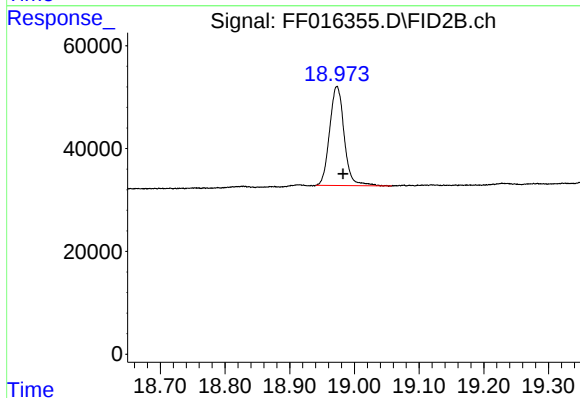
R.T.: 17.247 min
Delta R.T.: -0.010 min
Response: 259704
Conc: 2.12 ug/ml



#17 n-Tricontane (C30)

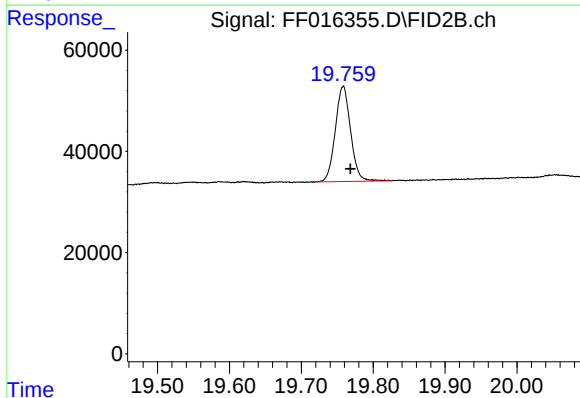
R.T.: 18.137 min
Delta R.T.: -0.010 min
Response: 286507
Conc: 2.30 ug/ml

Instrument :
FID_E
ClientSampleId :



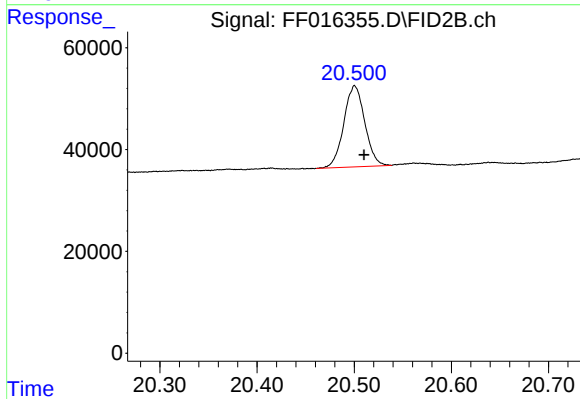
#18 n-Dotriacontane (C32)

R.T.: 18.973 min
Delta R.T.: -0.009 min
Response: 300905
Conc: 2.50 ug/ml



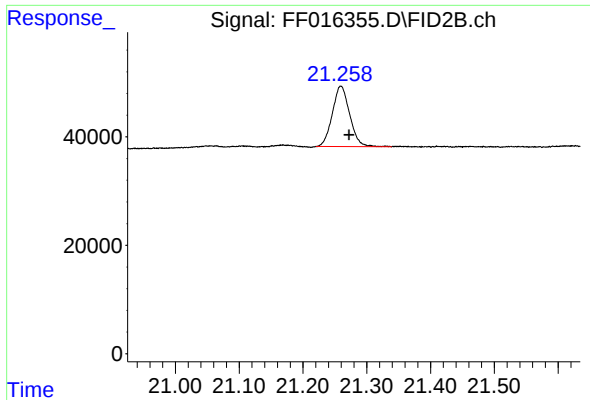
#19 n-Tetratriacontane (C34)

R.T.: 19.758 min
Delta R.T.: -0.010 min
Response: 278143
Conc: 2.55 ug/ml



#20 n-Hexatriacontane (C36)

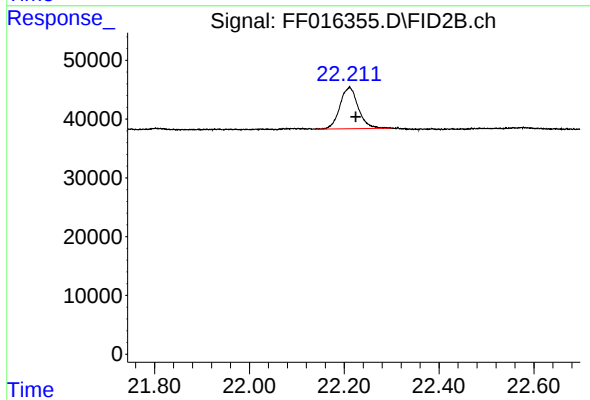
R.T.: 20.500 min
Delta R.T.: -0.010 min
Response: 239027
Conc: 2.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.259 min
Delta R.T.: -0.013 min
Response: 210536
Conc: 2.50 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.211 min
Delta R.T.: -0.013 min
Response: 188706
Conc: 2.40 ug/ml