

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055369.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 21:38
 Operator : YP\AJ
 Sample : Q2873-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:30:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.082	5930711	41.530 ug/ml
Spiked Amount 50.000		Recovery =	83.06%
12) S 1-chlorooctadecane (S...	13.519	4732345	44.012 ug/ml
Spiked Amount 50.000		Recovery =	88.02%
Target Compounds			
1) T n-Nonane (C9)	3.415	15928	0.139 ug/ml
2) T n-Decane (C10)	4.676	19412	0.167 ug/ml
3) T A~Naphthalene (C11.7)	6.398	17418	0.130 ug/ml
4) T n-Dodecane (C12)	6.852	16624	0.140 ug/ml
5) T A~2-methylnaphthalene...	7.499	4198	0.032 ug/ml
6) T n-Tetradecane (C14)	8.693	48507	0.396 ug/ml
7) T n-Hexadecane (C16)	10.303	23661	0.185 ug/ml
8) T n-Octadecane (C18)	11.753	20553	0.158 ug/ml
10) T n-Eicosane (C20)	13.067	22402	0.179 ug/ml
11) T n-Heneicosane (C21)	13.685	17907	0.145 ug/ml
13) T n-Docosane (C22)	14.271	22665	0.186 ug/ml
14) T n-Tetracosane (C24)	15.374	39590	0.325 ug/ml
15) T n-Hexacosane (C26)	16.401	31856	0.266 ug/ml
16) T n-Octacosane (C28)	17.353	153520	1.294 ug/ml
17) T n-Tricontane (C30)	18.242	276402	2.246 ug/ml
18) T n-Dotriacontane (C32)	19.076	944027	7.737 ug/ml
19) T n-Tetratriacontane (C34)	19.861	661354	5.657 ug/ml
20) T n-Hexatriacontane (C36)	20.603	1313701	12.019 ug/ml
21) T n-Octatriacontane (C38)	21.379	3019202	27.937 ug/ml
22) T n-Tetracontane (C40)	22.372	1952957	18.675 ug/ml

(f)=RT Delta > 1/2 Window

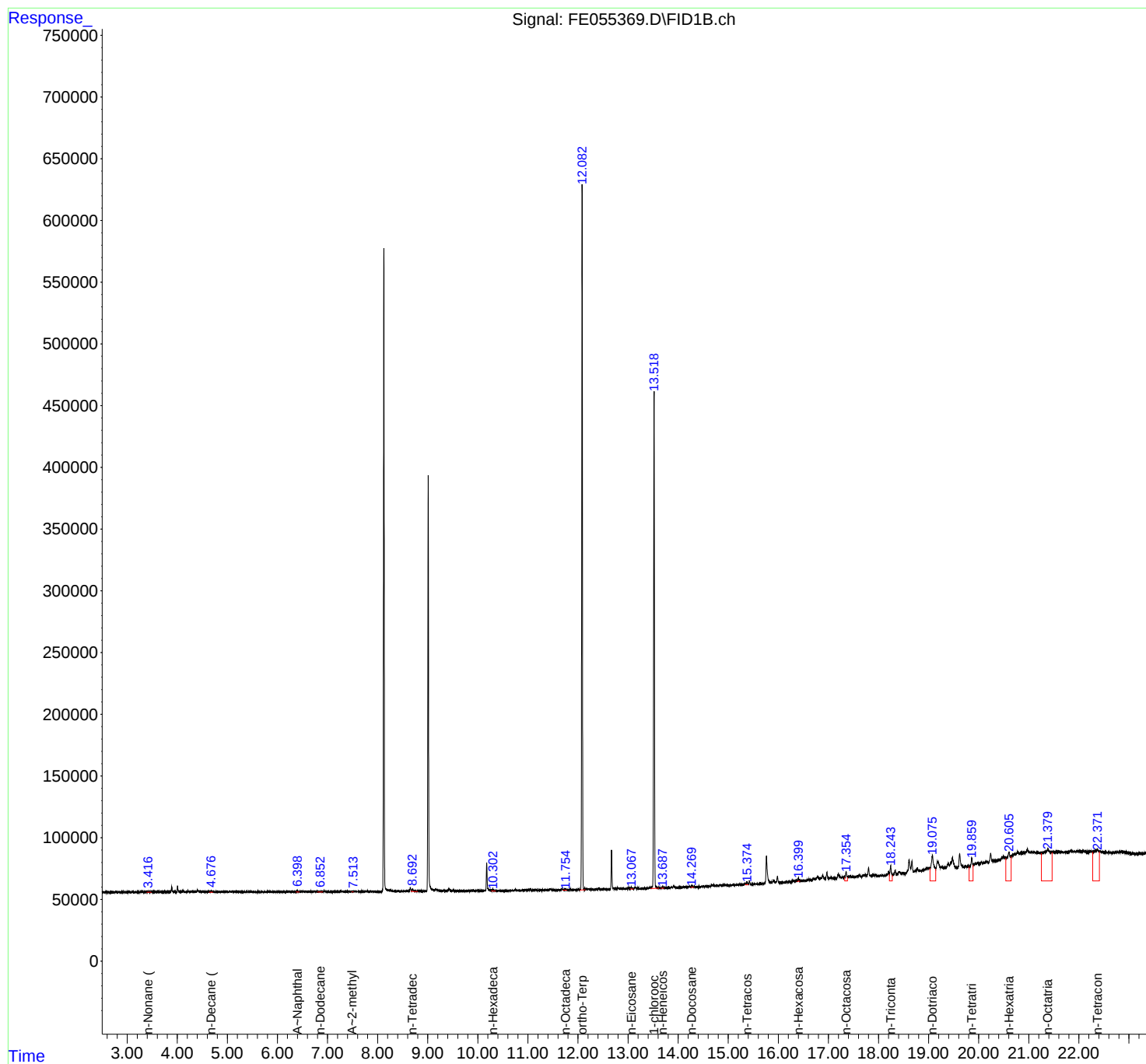
(m)=manual int.

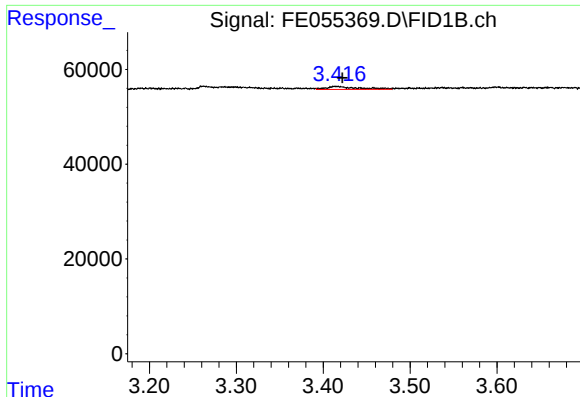
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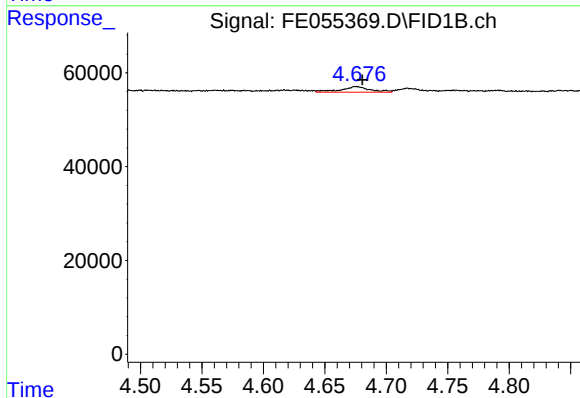




#1 n-Nonane (C9)

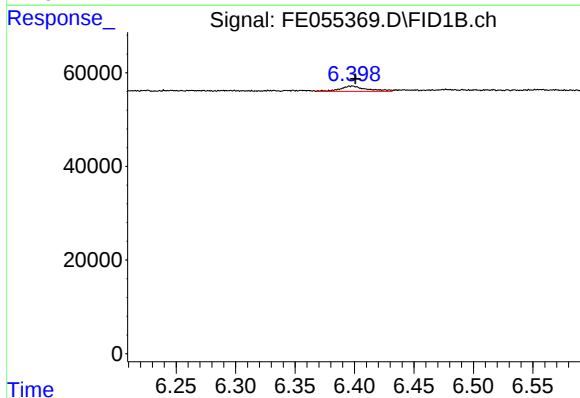
R.T.: 3.415 min
Delta R.T.: -0.007 min
Response: 15928
Conc: 0.14 ug/ml

Instrument :
FID_E
ClientSampleId :



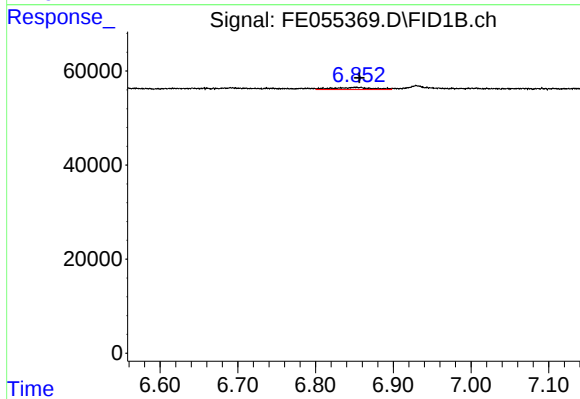
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: -0.005 min
Response: 19412
Conc: 0.17 ug/ml



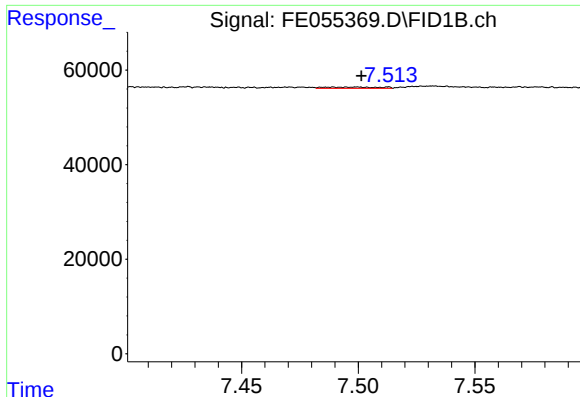
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 17418
Conc: 0.13 ug/ml



#4 n-Dodecane (C12)

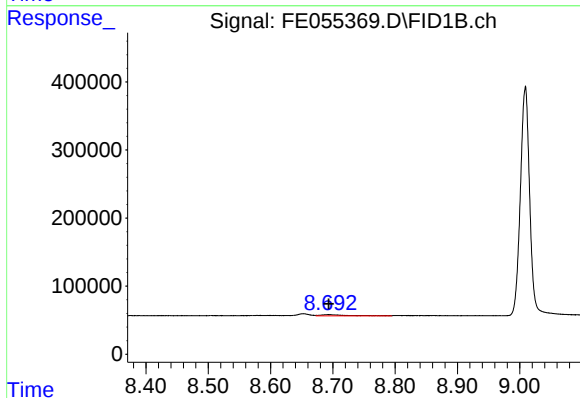
R.T.: 6.852 min
Delta R.T.: -0.004 min
Response: 16624
Conc: 0.14 ug/ml



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

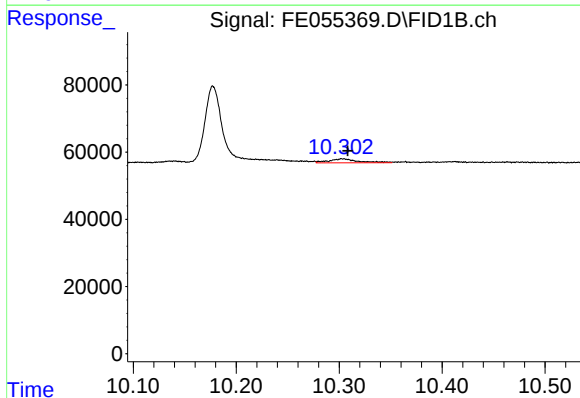
R.T.: 7.499 min
Delta R.T.: -0.003 min
Response: 4198
Conc: 0.03 ug/ml

Instrument :
FID_E
ClientSampleId :



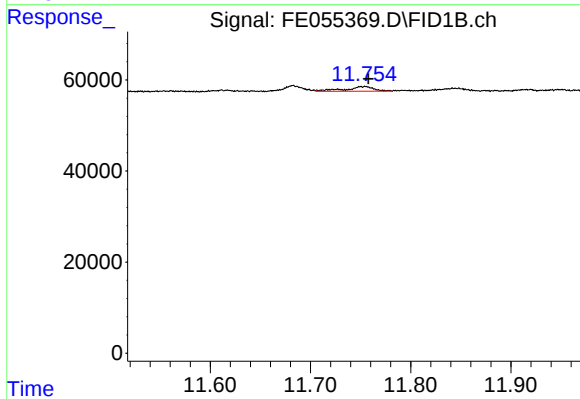
#6 n-Tetradecane (C14)

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 48507
Conc: 0.40 ug/ml



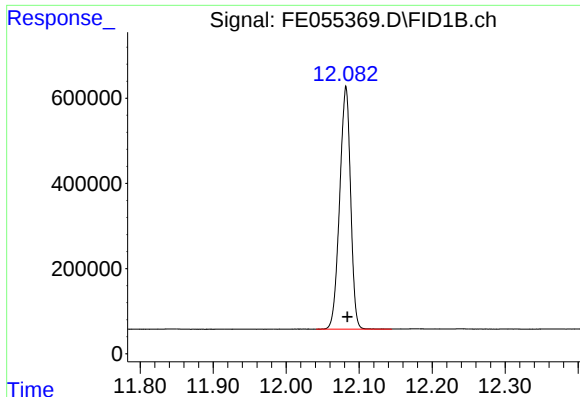
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 23661
Conc: 0.19 ug/ml



#8 n-Octadecane (C18)

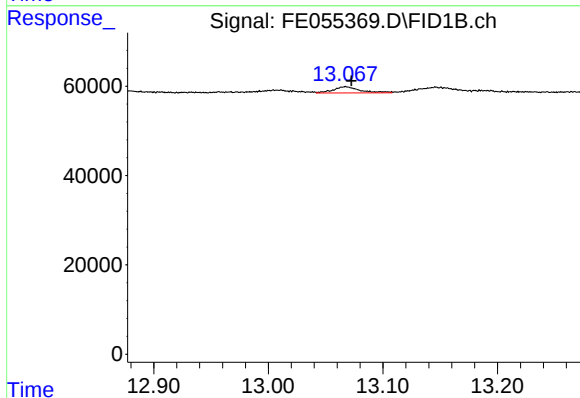
R.T.: 11.753 min
Delta R.T.: -0.004 min
Response: 20553
Conc: 0.16 ug/ml



#9 ortho-Terphenyl (SURR)

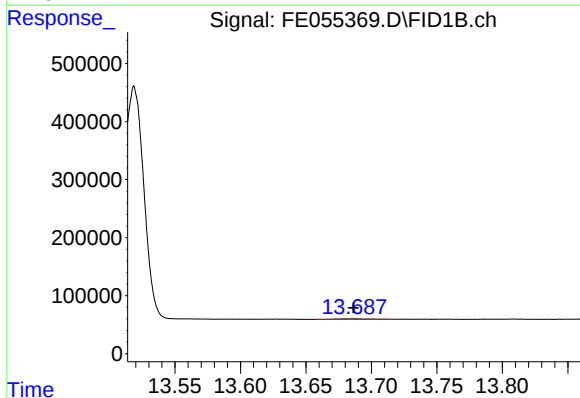
R.T.: 12.082 min
Delta R.T.: -0.002 min
Response: 5930711
Conc: 41.53 ug/ml

Instrument :
FID_E
ClientSampleId :



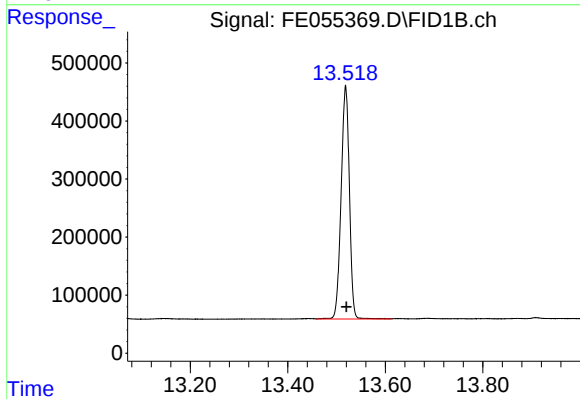
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.005 min
Response: 22402
Conc: 0.18 ug/ml



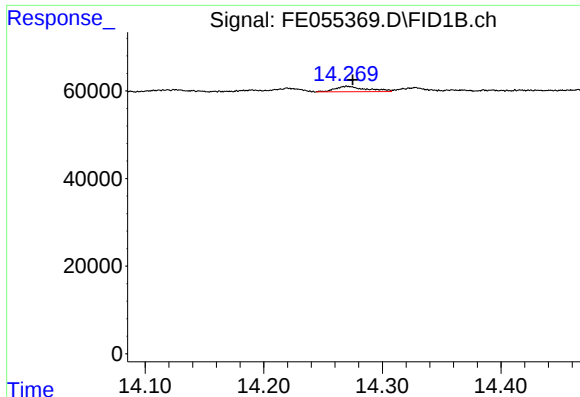
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 17907
Conc: 0.15 ug/ml



#12 1-chlorooctadecane (SURR)

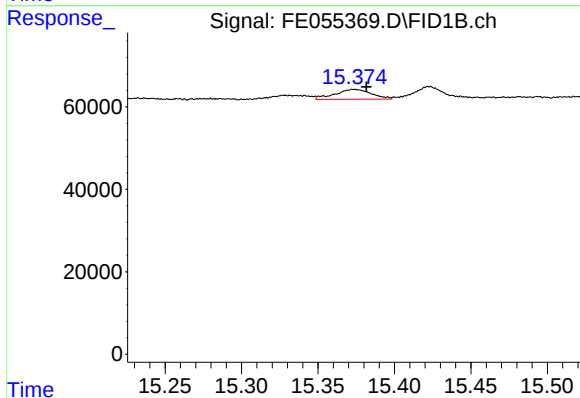
R.T.: 13.519 min
Delta R.T.: -0.002 min
Response: 4732345
Conc: 44.01 ug/ml



#13 n-Docosane (C22)

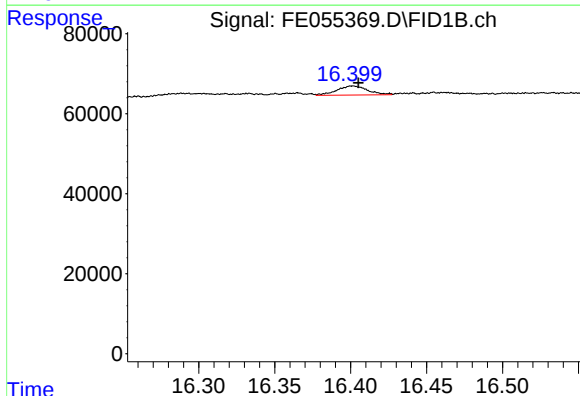
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 22665
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :



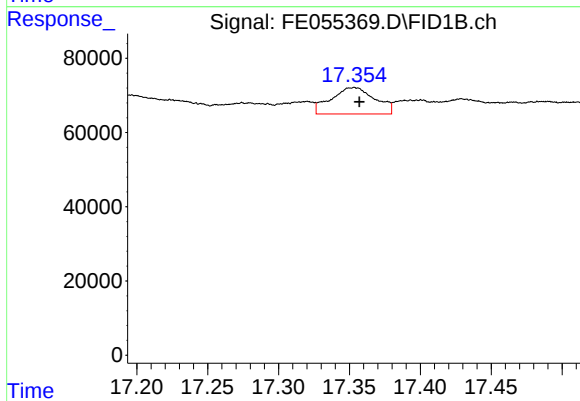
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: -0.008 min
Response: 39590
Conc: 0.33 ug/ml



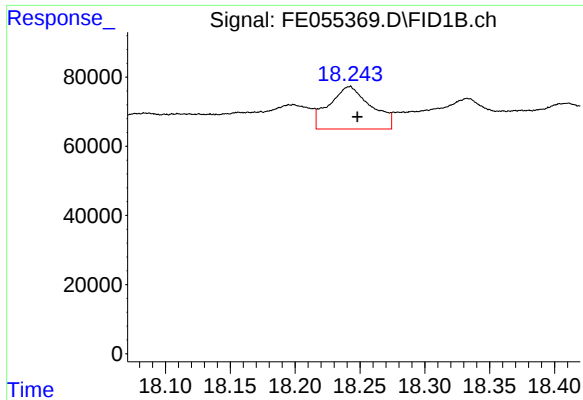
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.004 min
Response: 31856
Conc: 0.27 ug/ml



#16 n-Octacosane (C28)

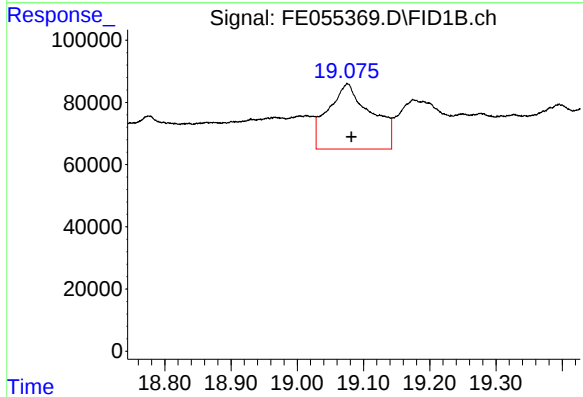
R.T.: 17.353 min
Delta R.T.: -0.004 min
Response: 153520
Conc: 1.29 ug/ml



#17 n-Tricontane (C30)

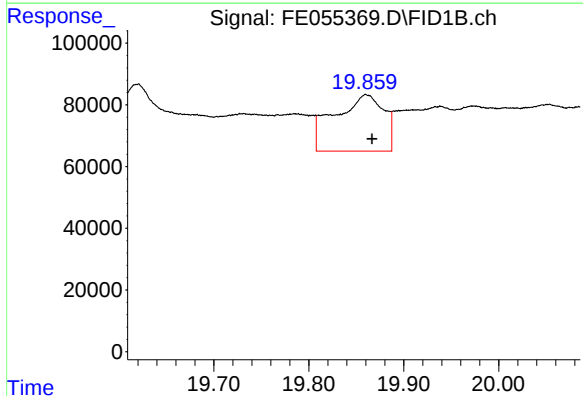
R.T.: 18.242 min
Delta R.T.: -0.006 min
Response: 276402
Conc: 2.25 ug/ml

Instrument :
FID_E
ClientSampleId :



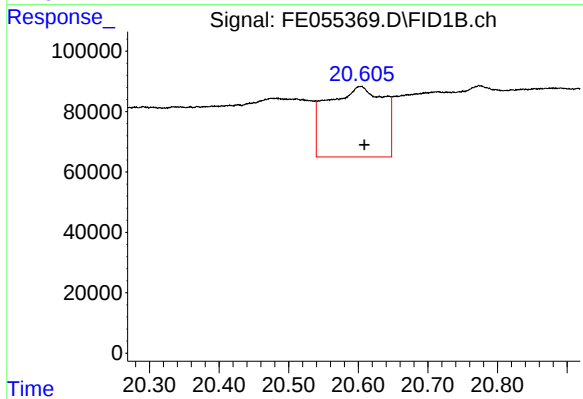
#18 n-Dotriacontane (C32)

R.T.: 19.076 min
Delta R.T.: -0.006 min
Response: 944027
Conc: 7.74 ug/ml



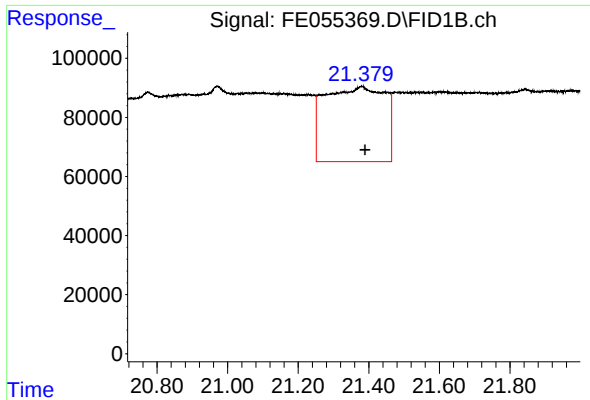
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: -0.006 min
Response: 661354
Conc: 5.66 ug/ml



#20 n-Hexatriacontane (C36)

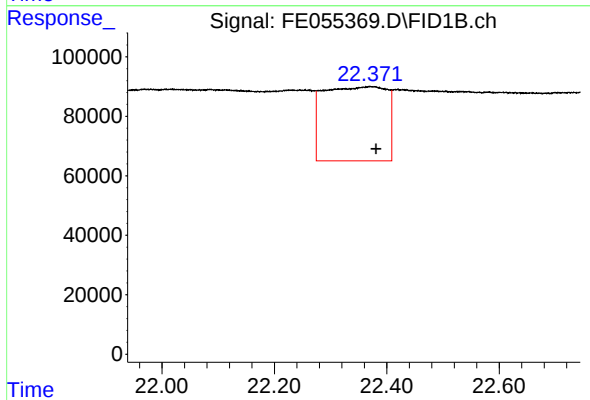
R.T.: 20.603 min
Delta R.T.: -0.005 min
Response: 1313701
Conc: 12.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: -0.010 min
Response: 3019202
Conc: 27.94 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.372 min
Delta R.T.: -0.009 min
Response: 1952957
Conc: 18.68 ug/ml