

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082525AL\
 Data File : FE055486.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2025 16:49
 Operator : YP\AJ
 Sample : Q2947-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 26 01:22:35 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)	12.113	73279866	513.151 ug/ml
Spiked Amount 50.000		Recovery =	1026.30%
12) S 1-chlorooctadecane (S...	13.508	46162431	429.322 ug/ml
Spiked Amount 50.000		Recovery =	858.64%
Target Compounds			
1) T n-Nonane (C9)	3.415	24849	0.217 ug/ml
2) T n-Decane (C10)	4.678	22055	0.189 ug/ml
3) T A~Naphthalene (C11.7)	6.401	128935	0.961 ug/ml
4) T n-Dodecane (C12)	6.839	104987	0.882 ug/ml
5) T A~2-methylnaphthalene...	7.498	151702	1.164 ug/ml
6) T n-Tetradecane (C14)	8.708	733293	5.981 ug/ml
7) T n-Hexadecane (C16)	10.291	5554439	43.447 ug/ml
8) T n-Octadecane (C18)	11.769	59571664	456.575 ug/ml
10) T n-Eicosane (C20)	13.075	66417378	529.340 ug/ml
11) T n-Heneicosane (C21)	13.672	85442099	693.144 ug/ml
13) T n-Docosane (C22)	14.280	57895747	474.089 ug/ml
14) T n-Tetracosane (C24)	15.377	17868936	146.908 ug/ml
15) T n-Hexacosane (C26)	16.378	14559424	121.688 ug/ml
16) T n-Octacosane (C28)	17.369	7302690	61.562 ug/ml
17) T n-Tricontane (C30)	18.256	5711625	46.418 ug/ml
18) T n-Dotriacontane (C32)	19.086	5901414	48.368 ug/ml
19) T n-Tetratriacontane (C34)	19.878	4078590	34.884 ug/ml
20) T n-Hexatriacontane (C36)	20.614	3167964	28.984 ug/ml
21) T n-Octatriacontane (C38)	21.394	3802254	35.183 ug/ml
22) T n-Tetracontane (C40)	22.378	383394	3.666 ug/ml

(f)=RT Delta > 1/2 Window

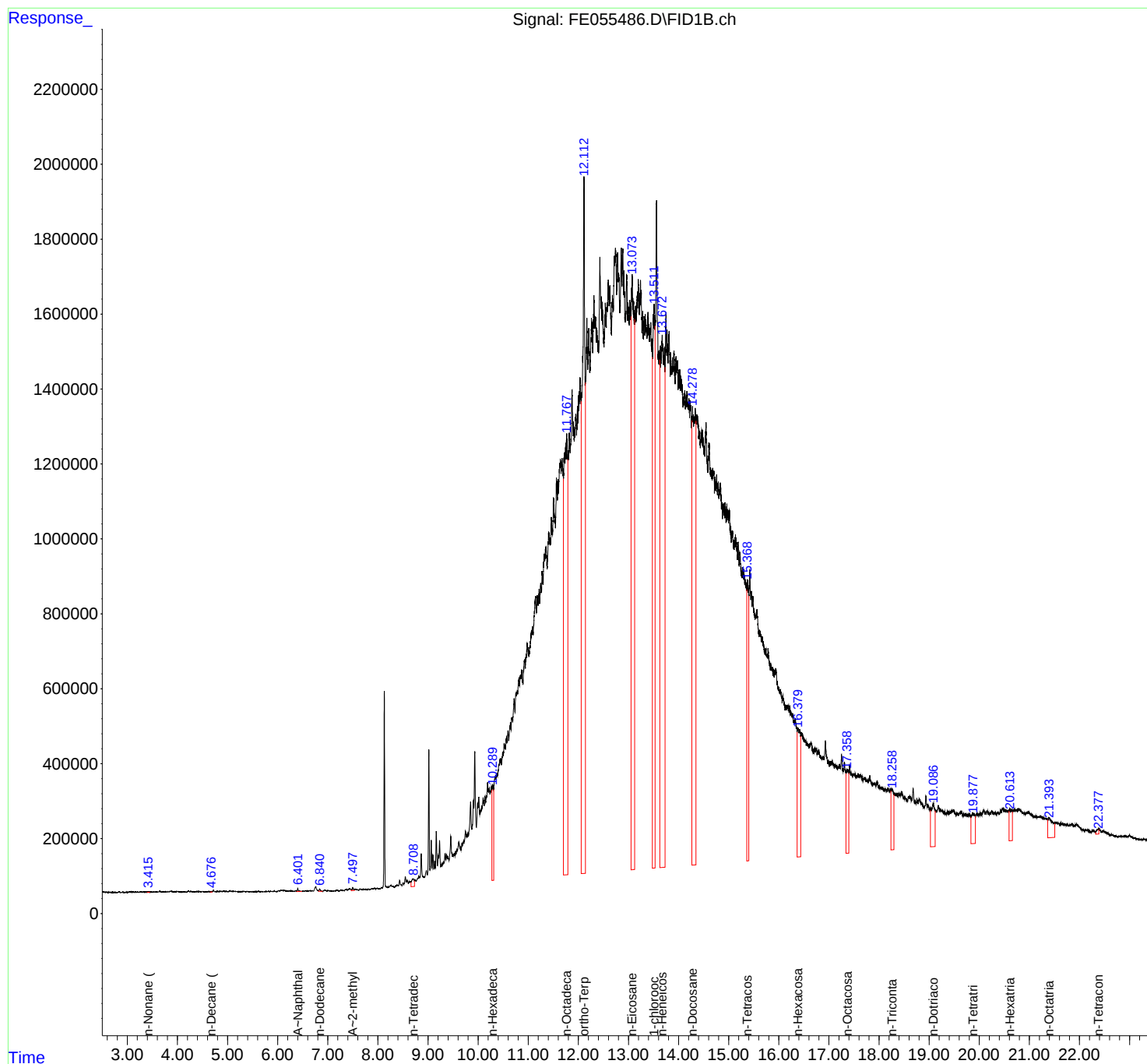
(m)=manual int.

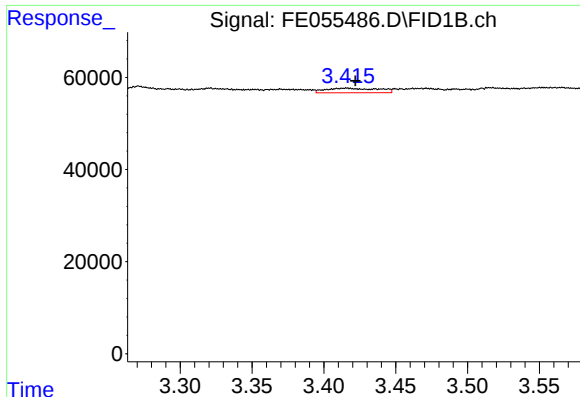
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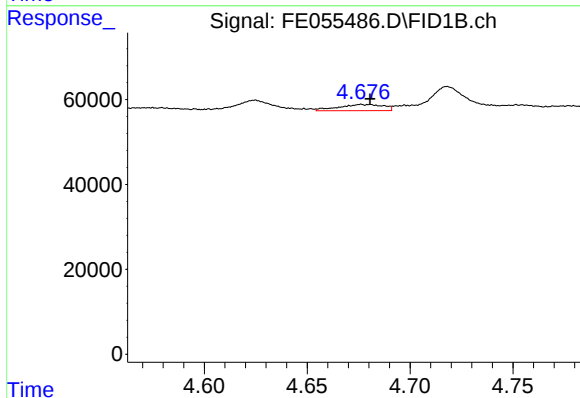




#1 n-Nonane (C9)

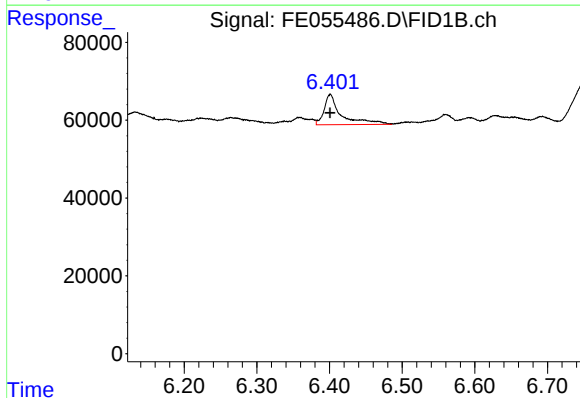
R.T.: 3.415 min
Delta R.T.: -0.007 min
Response: 24849
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :



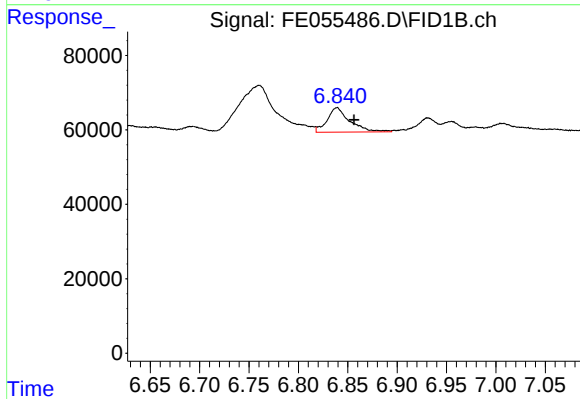
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 22055
Conc: 0.19 ug/ml



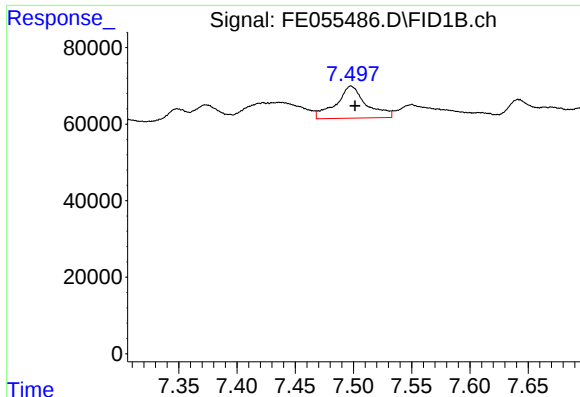
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 128935
Conc: 0.96 ug/ml



#4 n-Dodecane (C12)

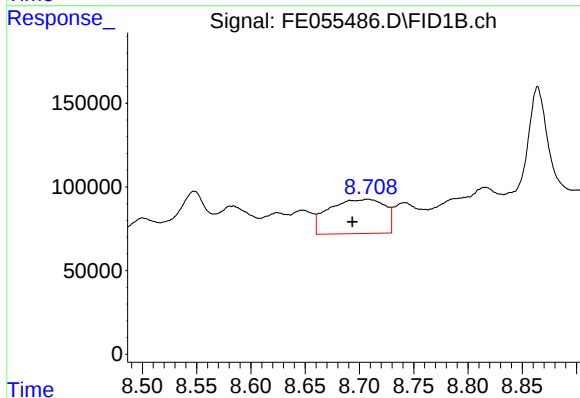
R.T.: 6.839 min
Delta R.T.: -0.017 min
Response: 104987
Conc: 0.88 ug/ml



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

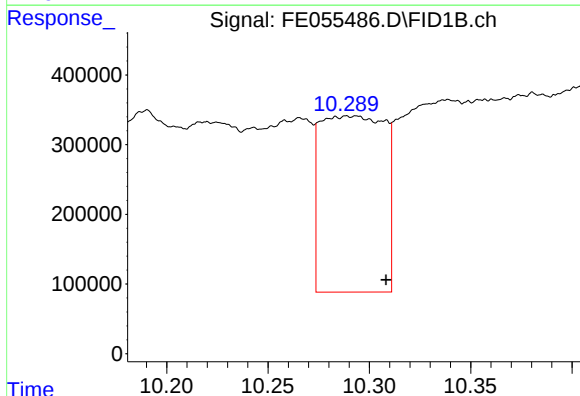
R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 151702
Conc: 1.16 ug/ml

Instrument :
FID_E
ClientSampleId :



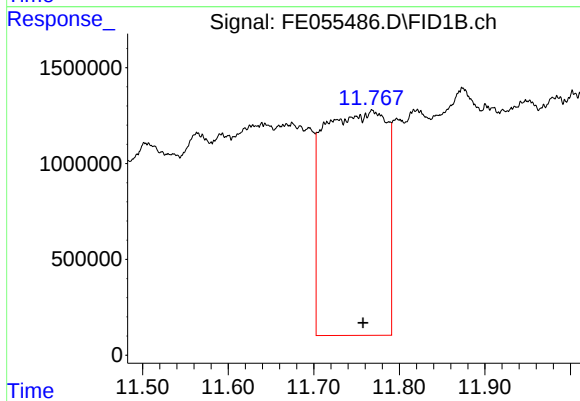
#6 n-Tetradecane (C14)

R.T.: 8.708 min
Delta R.T.: 0.014 min
Response: 733293
Conc: 5.98 ug/ml



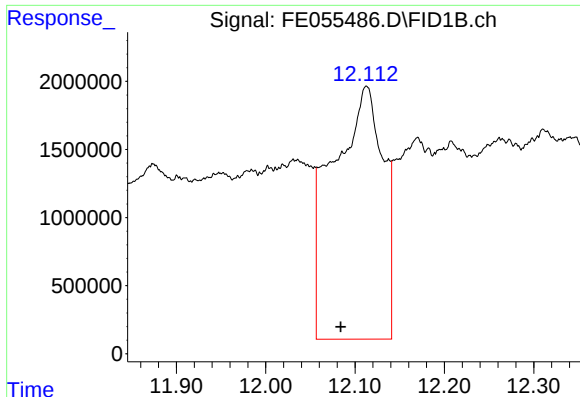
#7 n-Hexadecane (C16)

R.T.: 10.291 min
Delta R.T.: -0.018 min
Response: 5554439
Conc: 43.45 ug/ml



#8 n-Octadecane (C18)

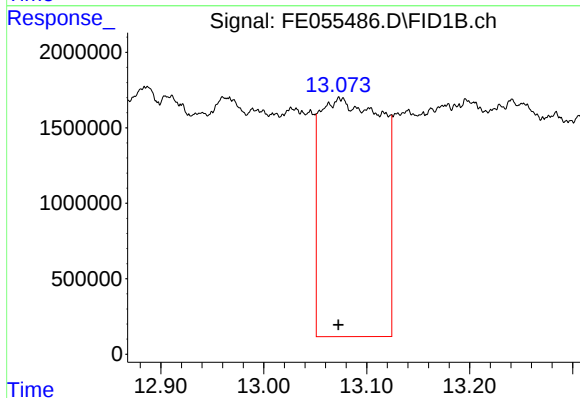
R.T.: 11.769 min
Delta R.T.: 0.011 min
Response: 59571664
Conc: 456.58 ug/ml



#9 ortho-Terphenyl (SURR)

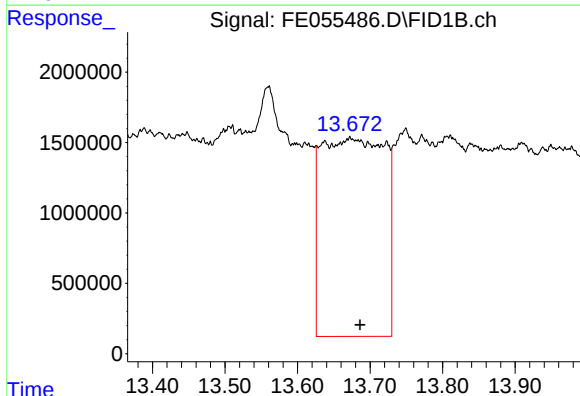
R.T.: 12.113 min
Delta R.T.: 0.029 min
Response: 73279866
Conc: 513.15 ug/ml

Instrument :
FID_E
ClientSampleId :



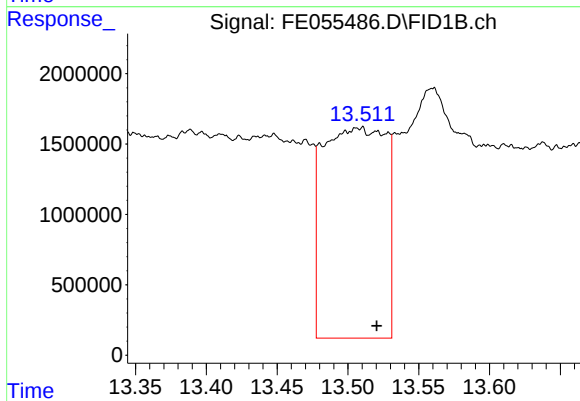
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 66417378
Conc: 529.34 ug/ml



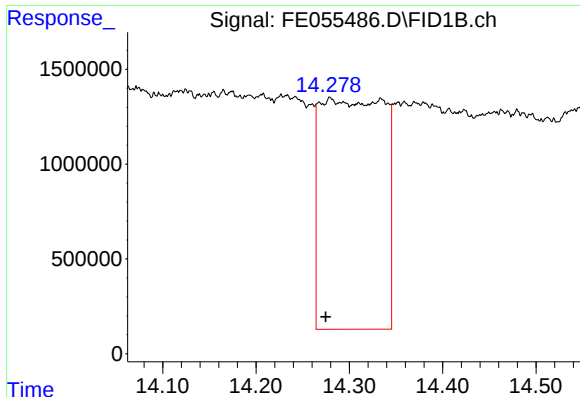
#11 n-Heneicosane (C21)

R.T.: 13.672 min
Delta R.T.: -0.014 min
Response: 85442099
Conc: 693.14 ug/ml



#12 1-chlorooctadecane (SURR)

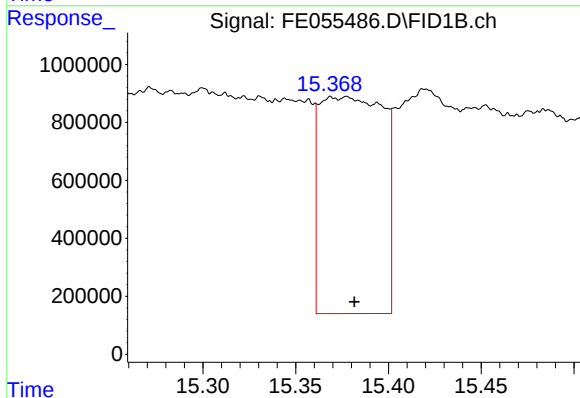
R.T.: 13.508 min
Delta R.T.: -0.013 min
Response: 46162431
Conc: 429.32 ug/ml



#13 n-Docosane (C22)

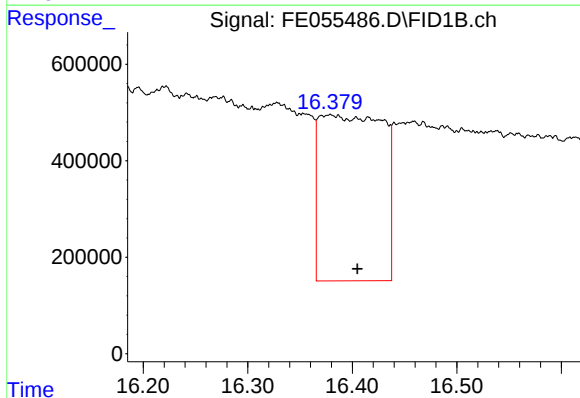
R.T.: 14.280 min
Delta R.T.: 0.005 min
Response: 57895747
Conc: 474.09 ug/ml

Instrument :
FID_E
ClientSampleId :



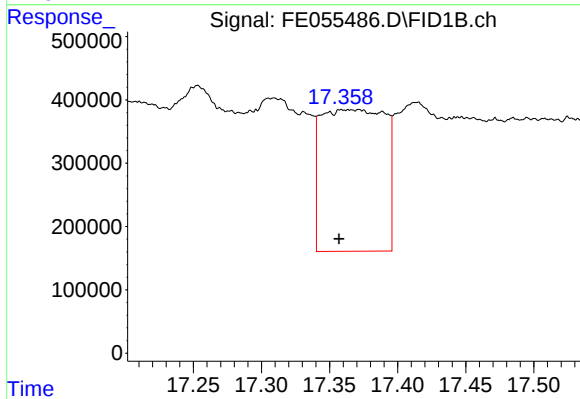
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.005 min
Response: 17868936
Conc: 146.91 ug/ml



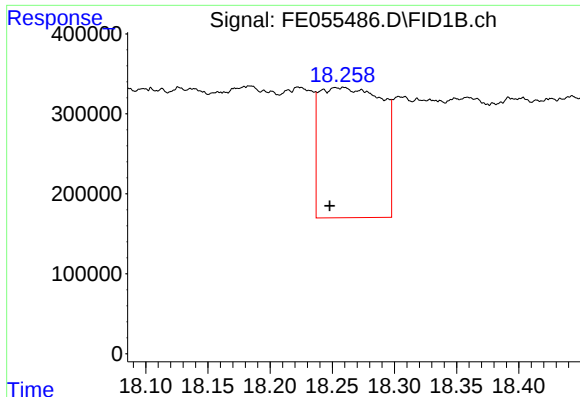
#15 n-Hexacosane (C26)

R.T.: 16.378 min
Delta R.T.: -0.027 min
Response: 14559424
Conc: 121.69 ug/ml



#16 n-Octacosane (C28)

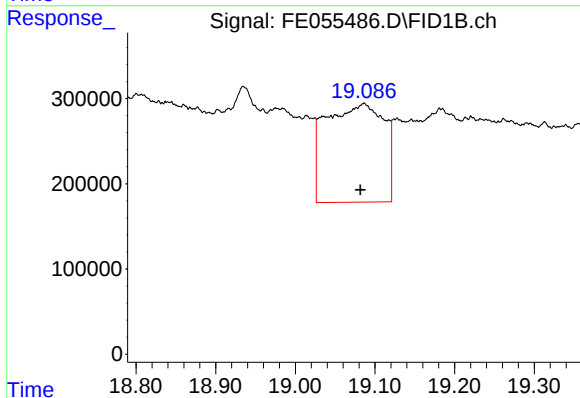
R.T.: 17.369 min
Delta R.T.: 0.012 min
Response: 7302690
Conc: 61.56 ug/ml



#17 n-Tricontane (C30)

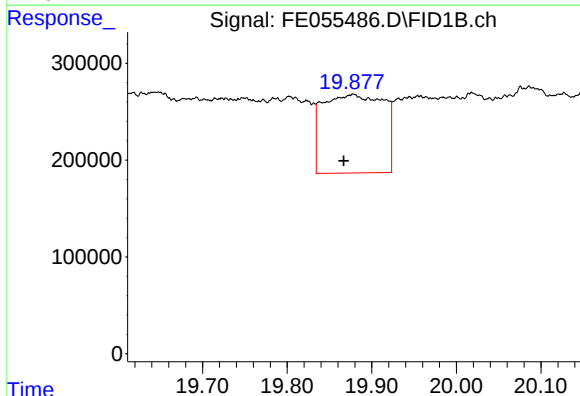
R.T.: 18.256 min
Delta R.T.: 0.008 min
Response: 5711625
Conc: 46.42 ug/ml

Instrument :
FID_E
ClientSampleId :



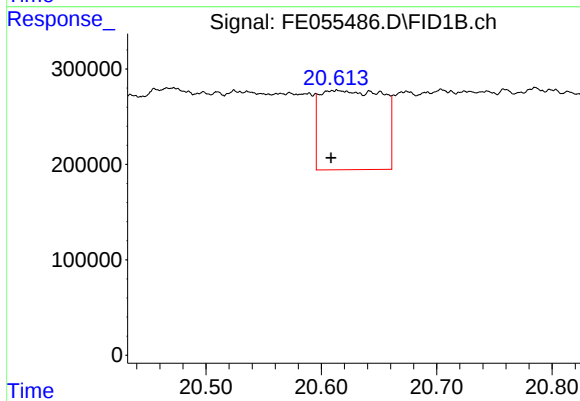
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.005 min
Response: 5901414
Conc: 48.37 ug/ml



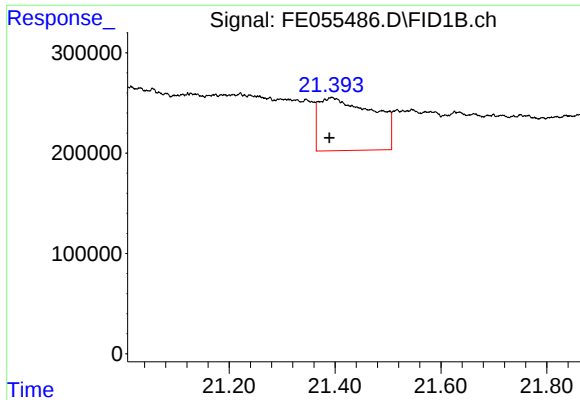
#19 n-Tetratriacontane (C34)

R.T.: 19.878 min
Delta R.T.: 0.011 min
Response: 4078590
Conc: 34.88 ug/ml



#20 n-Hexatriacontane (C36)

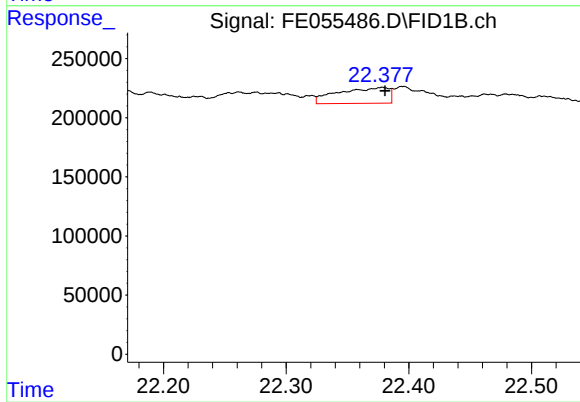
R.T.: 20.614 min
Delta R.T.: 0.005 min
Response: 3167964
Conc: 28.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.004 min
Response: 3802254
Conc: 35.18 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.378 min
Delta R.T.: -0.003 min
Response: 383394
Conc: 3.67 ug/ml