

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082525AL\
 Data File : FE055487.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2025 17:20
 Operator : YP\AJ
 Sample : Q2949-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 26 01:22:58 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)	12.088	6544037	45.825 ug/ml
Spiked Amount 50.000		Recovery =	91.65%
12) S 1-chlorooctadecane (S...	13.524	5309717	49.382 ug/ml
Spiked Amount 50.000		Recovery =	98.76%
Target Compounds			
1) T n-Nonane (C9)	3.417	26472	0.231 ug/ml
2) T n-Decane (C10)	4.675	64374	0.553 ug/ml
3) T A~Naphthalene (C11.7)	6.401	33815	0.252 ug/ml
4) T n-Dodecane (C12)	6.845	9895	0.083 ug/ml
5) T A~2-methylnaphthalene...	7.535	23338	0.179 ug/ml
6) T n-Tetradecane (C14)	8.695	53424	0.436 ug/ml
7) T n-Hexadecane (C16)	10.308	36797	0.288 ug/ml
8) T n-Octadecane (C18)	11.781	66654	0.511 ug/ml
10) T n-Eicosane (C20)	13.074	33864	0.270 ug/ml
11) T n-Heneicosane (C21)	13.678	78650	0.638 ug/ml
13) T n-Docosane (C22)	14.276	71480	0.585 ug/ml
14) T n-Tetracosane (C24)	15.378	112159	0.922 ug/ml
15) T n-Hexacosane (C26)	16.408	211004	1.764 ug/ml
16) T n-Octacosane (C28)	17.360	919834	7.754 ug/ml
17) T n-Tricontane (C30)	18.250	3181706	25.857 ug/ml
18) T n-Dotriacontane (C32)	19.084	2022991	16.580 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2257855	19.311 ug/ml
20) T n-Hexatriacontane (C36)	20.613	5933408	54.286 ug/ml
21) T n-Octatriacontane (C38)	21.383	5189096	48.016 ug/ml
22) T n-Tetracontane (C40)	22.349	5360075	51.256 ug/ml

(f)=RT Delta > 1/2 Window

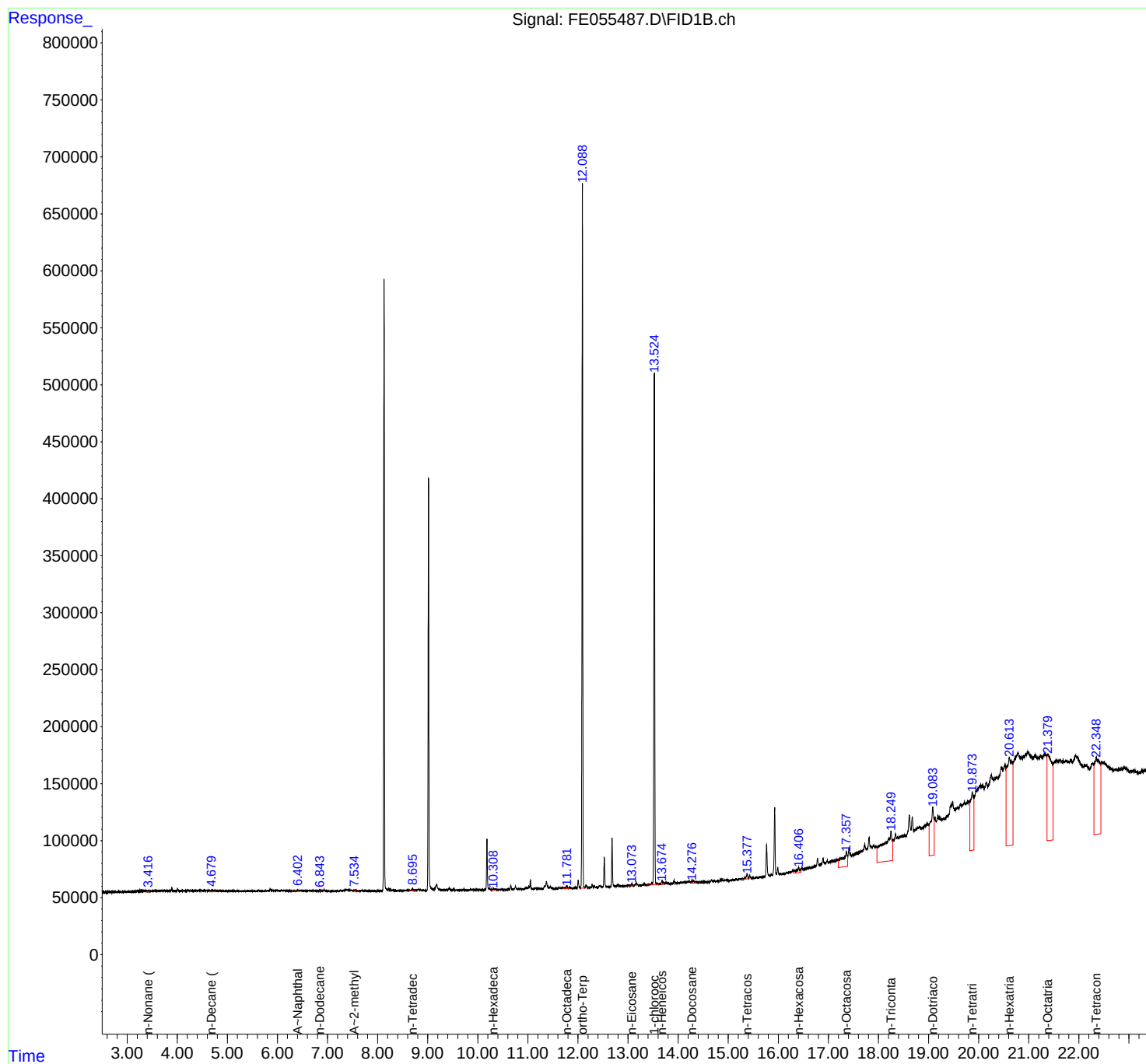
(m)=manual int.

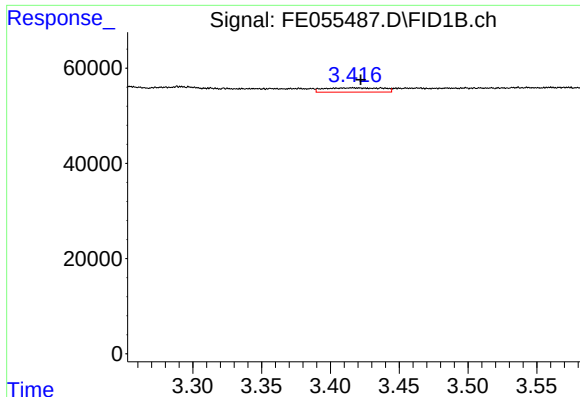
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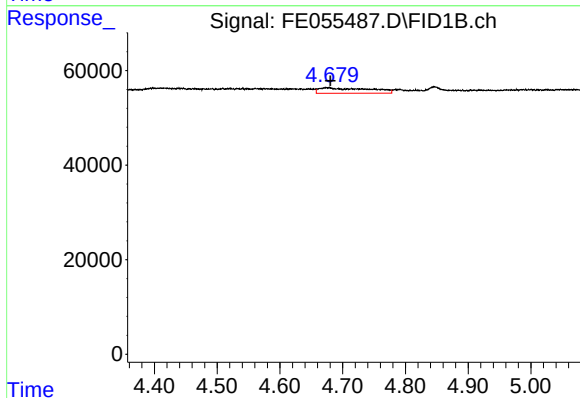




#1 n-Nonane (C9)

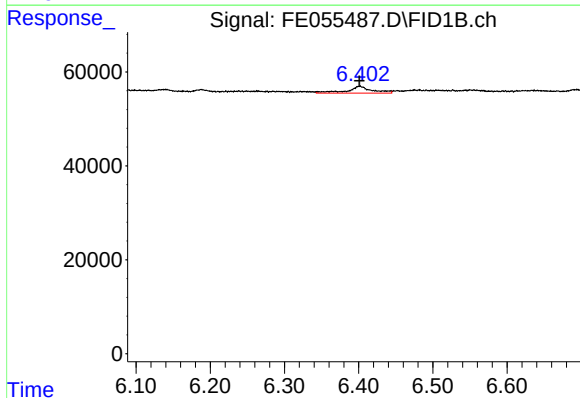
R.T.: 3.417 min
Delta R.T.: -0.005 min
Response: 26472
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :



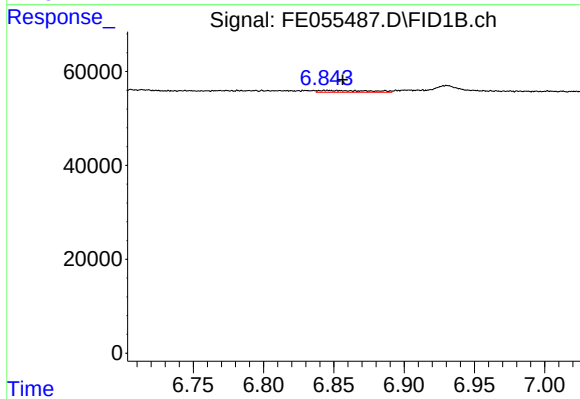
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: -0.005 min
Response: 64374
Conc: 0.55 ug/ml



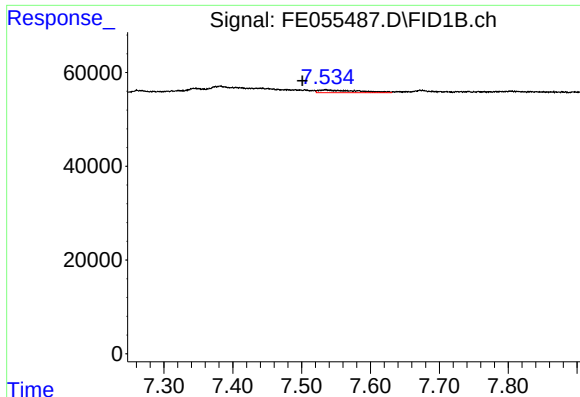
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 33815
Conc: 0.25 ug/ml



#4 n-Dodecane (C12)

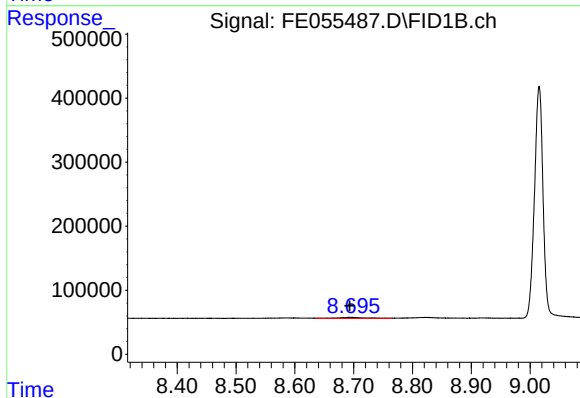
R.T.: 6.845 min
Delta R.T.: -0.011 min
Response: 9895
Conc: 0.08 ug/ml



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

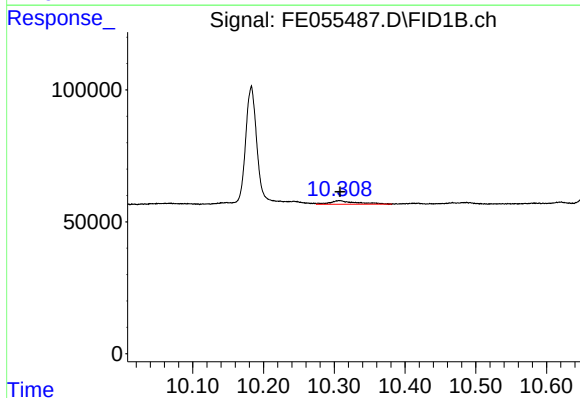
R.T.: 7.535 min
Delta R.T.: 0.033 min
Response: 23338
Conc: 0.18 ug/ml

Instrument :
FID_E
ClientSampleId :



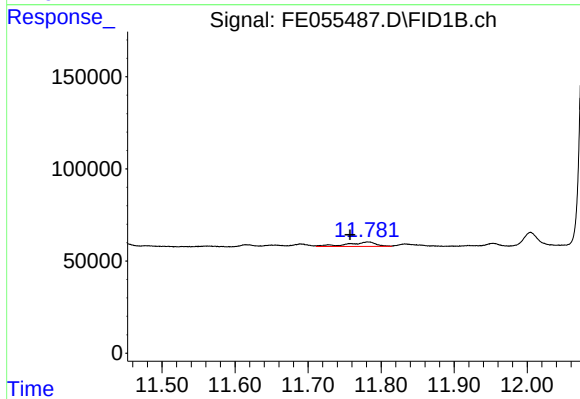
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.002 min
Response: 53424
Conc: 0.44 ug/ml



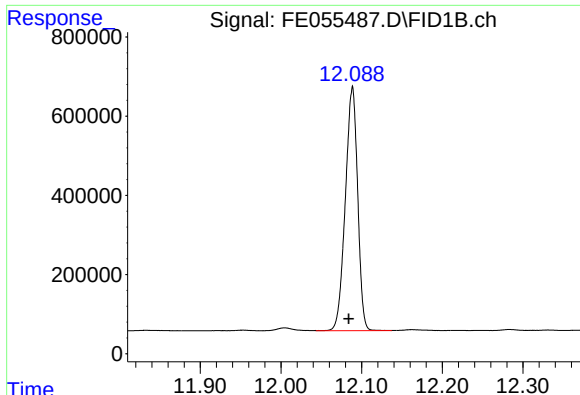
#7 n-Hexadecane (C16)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 36797
Conc: 0.29 ug/ml



#8 n-Octadecane (C18)

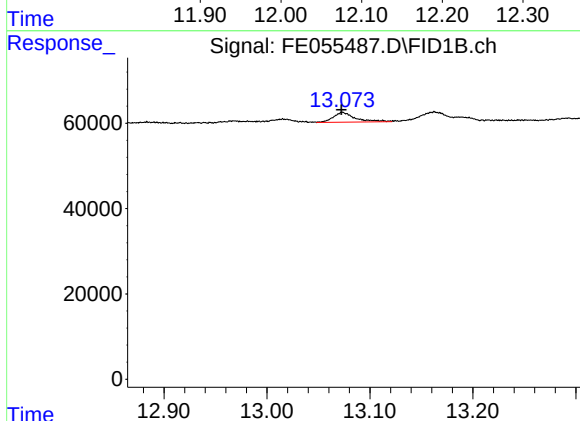
R.T.: 11.781 min
Delta R.T.: 0.024 min
Response: 66654
Conc: 0.51 ug/ml



#9 ortho-Terphenyl (SURR)

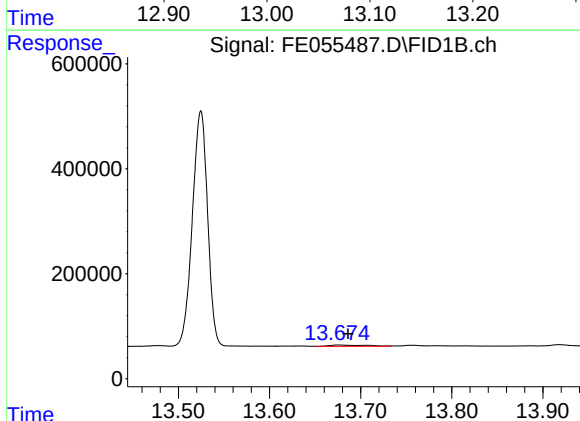
R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 6544037
Conc: 45.83 ug/ml

Instrument :
FID_E
ClientSampleId :



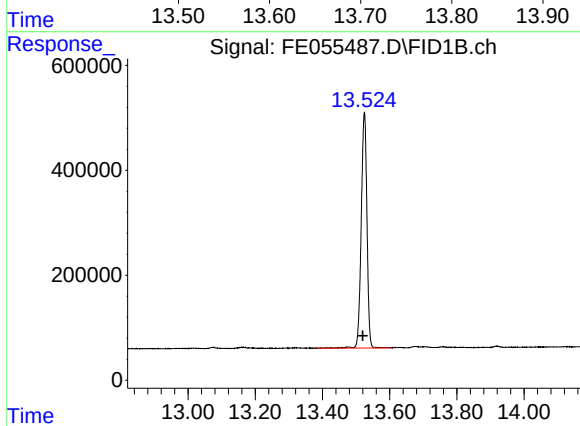
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.002 min
Response: 33864
Conc: 0.27 ug/ml



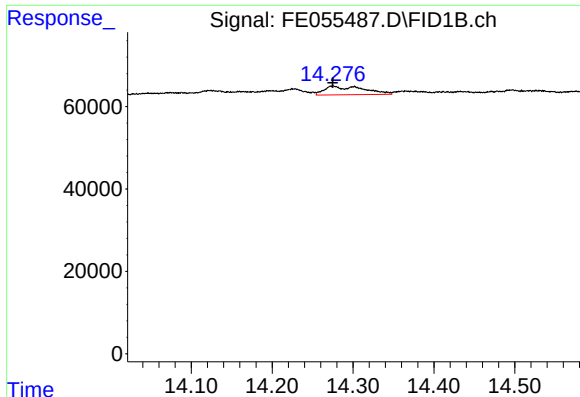
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: -0.009 min
Response: 78650
Conc: 0.64 ug/ml



#12 1-chlorooctadecane (SURR)

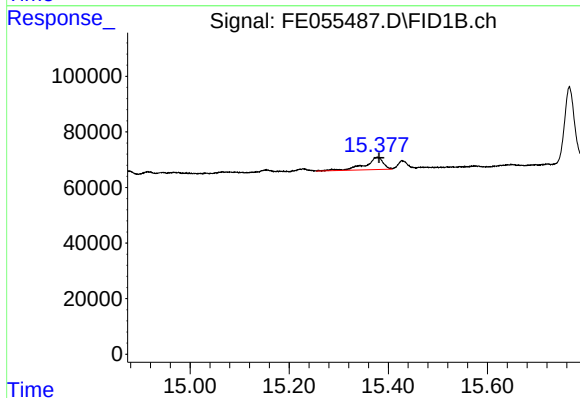
R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 5309717
Conc: 49.38 ug/ml



#13 n-Docosane (C22)

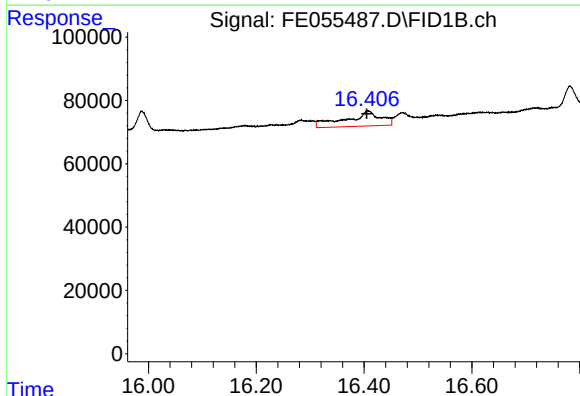
R.T.: 14.276 min
Delta R.T.: 0.001 min
Response: 71480
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :



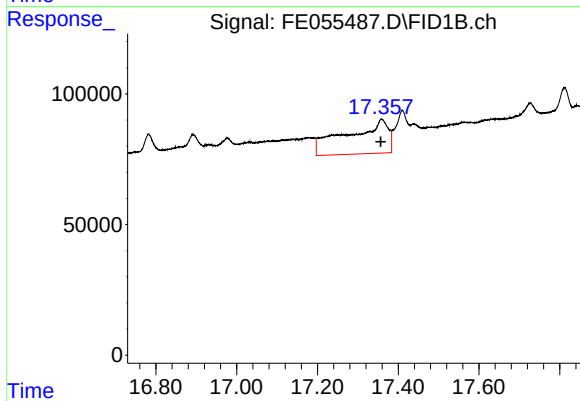
#14 n-Tetracosane (C24)

R.T.: 15.378 min
Delta R.T.: -0.004 min
Response: 112159
Conc: 0.92 ug/ml



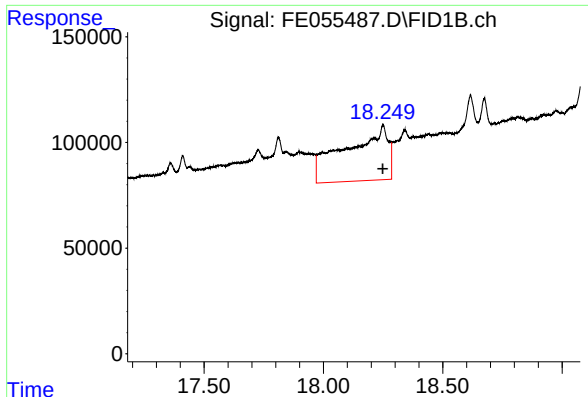
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 211004
Conc: 1.76 ug/ml



#16 n-Octacosane (C28)

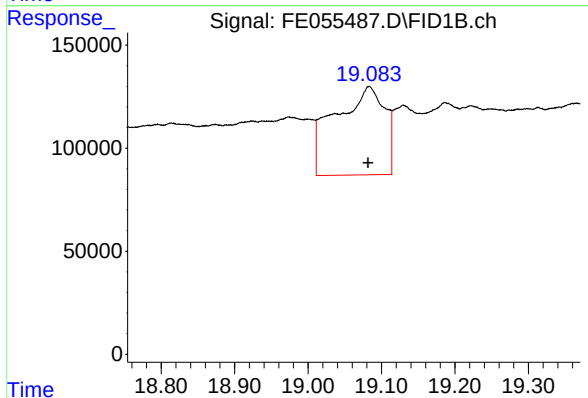
R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 919834
Conc: 7.75 ug/ml



#17 n-Tricontane (C30)

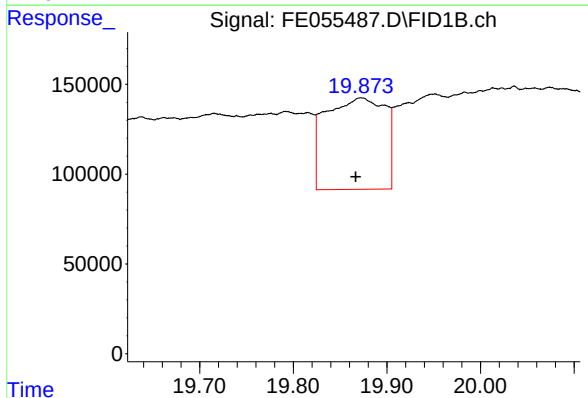
R.T.: 18.250 min
Delta R.T.: 0.002 min
Response: 3181706
Conc: 25.86 ug/ml

Instrument :
FID_E
ClientSampleId :



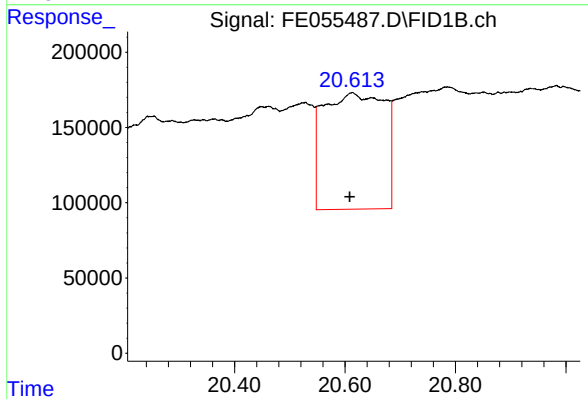
#18 n-Dotriacontane (C32)

R.T.: 19.084 min
Delta R.T.: 0.002 min
Response: 2022991
Conc: 16.58 ug/ml



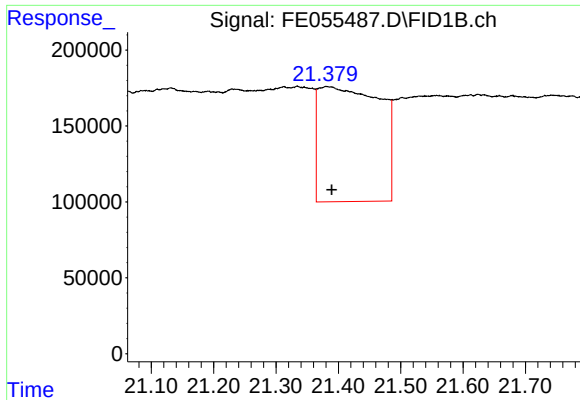
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.006 min
Response: 2257855
Conc: 19.31 ug/ml



#20 n-Hexatriacontane (C36)

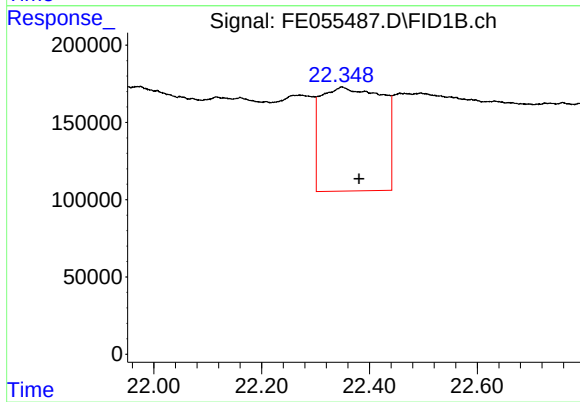
R.T.: 20.613 min
Delta R.T.: 0.004 min
Response: 5933408
Conc: 54.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: -0.007 min
Response: 5189096
Conc: 48.02 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.349 min
Delta R.T.: -0.031 min
Response: 5360075
Conc: 51.26 ug/ml