

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082525AL\
 Data File : FE055479.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2025 13:16
 Operator : YP\AJ
 Sample : Q2926-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 26 01:19:45 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)	12.090	4776463	33.448 ug/ml
Spiked Amount 50.000		Recovery =	66.90%
12) S 1-chlorooctadecane (S...	13.530	39999878	372.009 ug/ml
Spiked Amount 50.000		Recovery =	744.02%
Target Compounds			
1) T n-Nonane (C9)	3.419	46467	0.405 ug/ml
2) T n-Decane (C10)	4.679	248247	2.131 ug/ml
3) T A~Naphthalene (C11.7)	6.406	283778	2.114 ug/ml
4) T n-Dodecane (C12)	6.857	1370263	11.507 ug/ml
5) T A~2-methylnaphthalene...	7.508	697774	5.352 ug/ml
6) T n-Tetradecane (C14)	8.695	2575289	21.004 ug/ml
7) T n-Hexadecane (C16)	10.312	2737848	21.416 ug/ml
8) T n-Octadecane (C18)	11.761	2006149	15.376 ug/ml
10) T n-Eicosane (C20)	13.077	1418895	11.308 ug/ml
11) T n-Heneicosane (C21)	13.694	1058385	8.586 ug/ml
13) T n-Docosane (C22)	14.280	740769	6.066 ug/ml
14) T n-Tetracosane (C24)	15.385	668679	5.497 ug/ml
15) T n-Hexacosane (C26)	16.412	395929	3.309 ug/ml
16) T n-Octacosane (C28)	17.366	1042686	8.790 ug/ml
17) T n-Tricontane (C30)	18.256	2826166	22.968 ug/ml
18) T n-Dotriacontane (C32)	19.094	4210503	34.509 ug/ml
19) T n-Tetratriacontane (C34)	19.880	4614327	39.466 ug/ml
20) T n-Hexatriacontane (C36)	20.624	6773396	61.971 ug/ml
21) T n-Octatriacontane (C38)	21.404	6659297	61.620 ug/ml
22) T n-Tetracontane (C40)	22.385	2438839	23.322 ug/ml

(f)=RT Delta > 1/2 Window

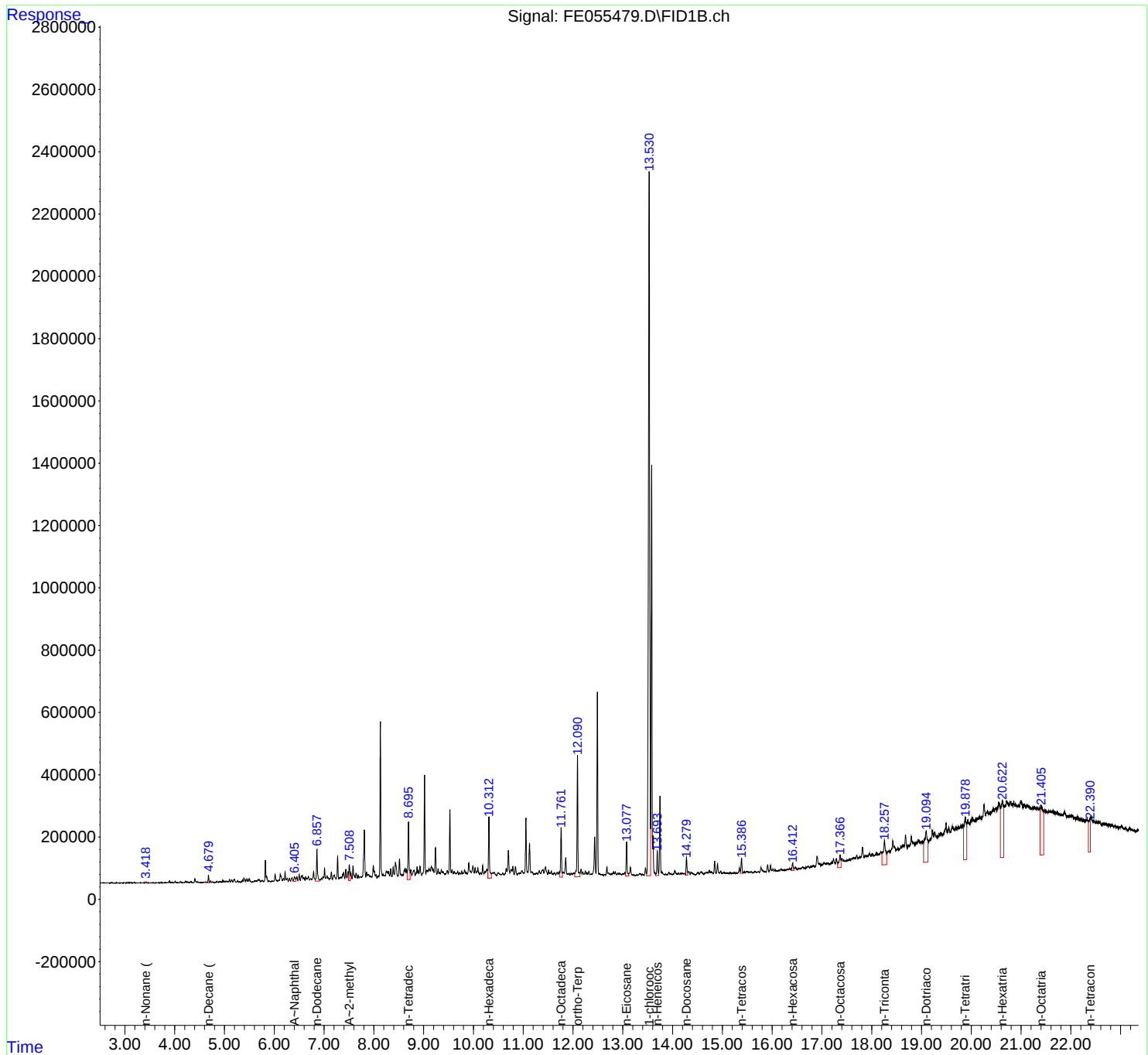
(m)=manual int.

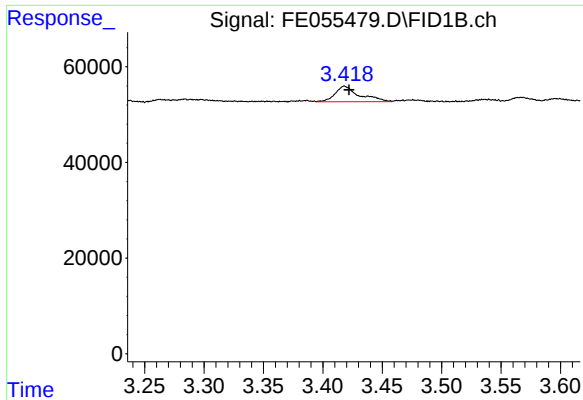
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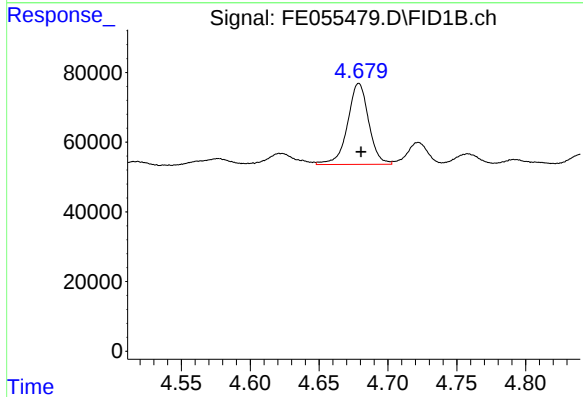




#1 n-Nonane (C9)

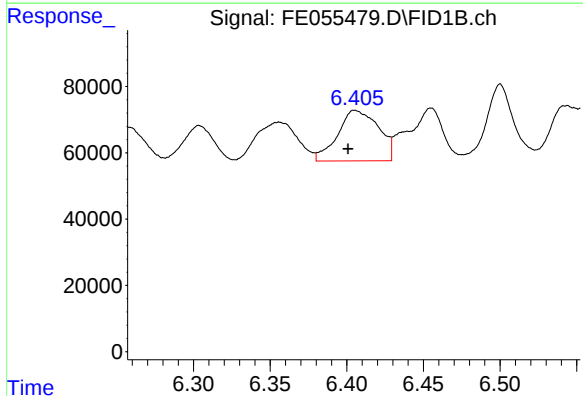
R.T.: 3.419 min
Delta R.T.: -0.003 min
Response: 46467
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :



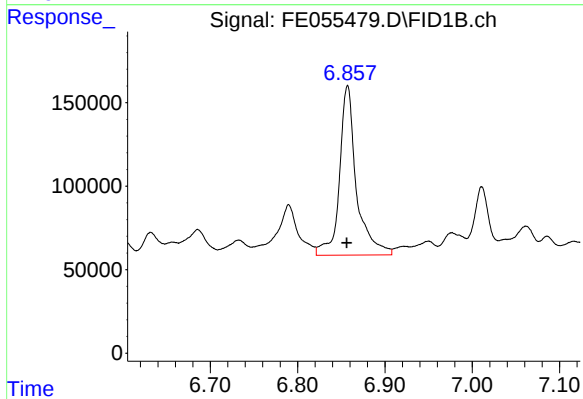
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: -0.002 min
Response: 248247
Conc: 2.13 ug/ml



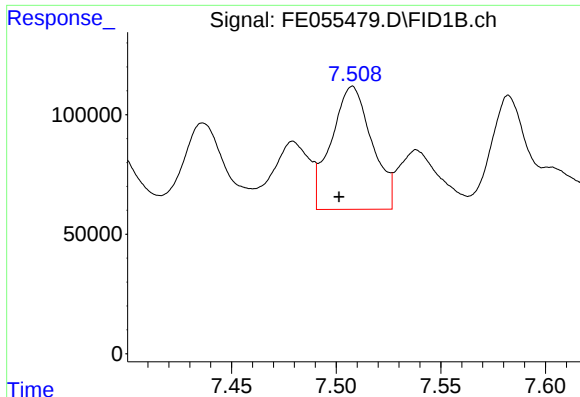
#3 A~Naphthalene (C11.7)

R.T.: 6.406 min
Delta R.T.: 0.005 min
Response: 283778
Conc: 2.11 ug/ml



#4 n-Dodecane (C12)

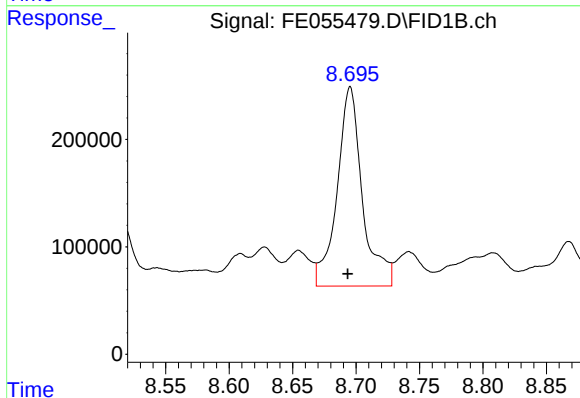
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 1370263
Conc: 11.51 ug/ml



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

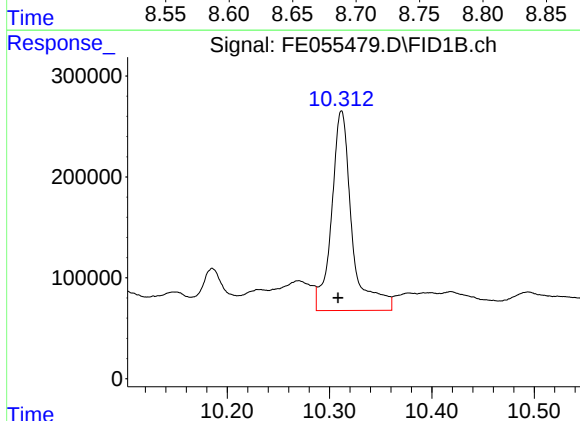
R.T.: 7.508 min
Delta R.T.: 0.006 min
Response: 697774
Conc: 5.35 ug/ml

Instrument :
FID_E
ClientSampleId :



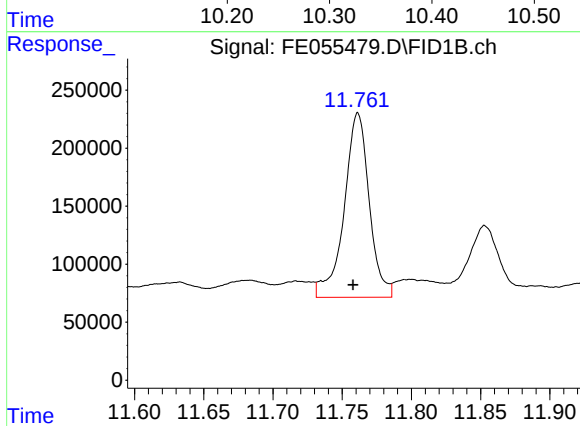
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.002 min
Response: 2575289
Conc: 21.00 ug/ml



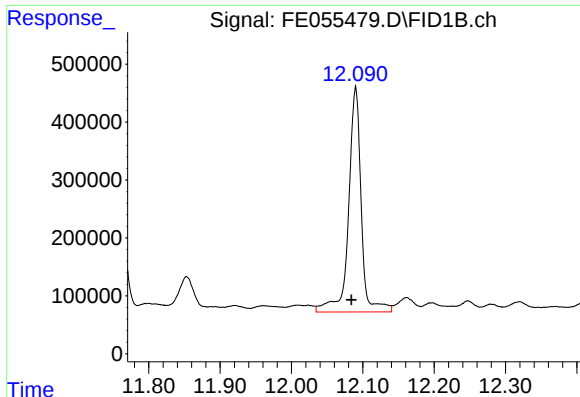
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 2737848
Conc: 21.42 ug/ml



#8 n-Octadecane (C18)

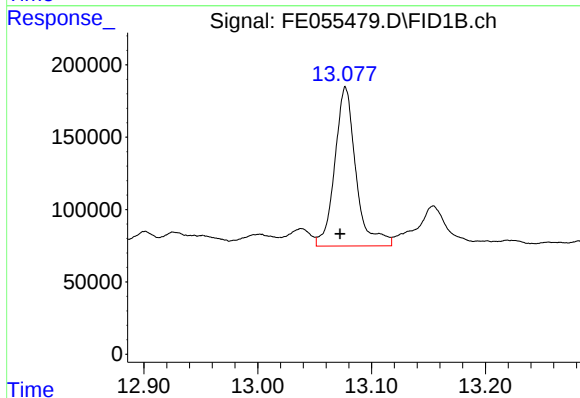
R.T.: 11.761 min
Delta R.T.: 0.004 min
Response: 2006149
Conc: 15.38 ug/ml



#9 ortho-Terphenyl (SURR)

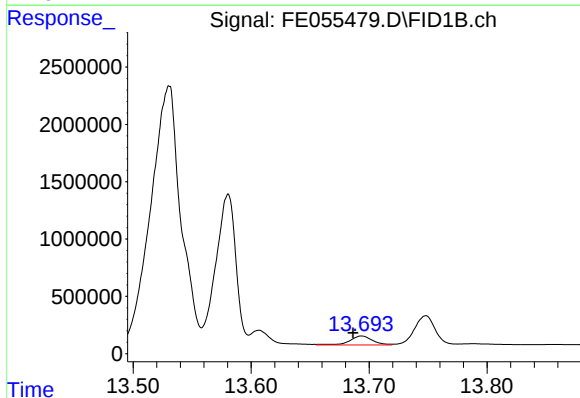
R.T.: 12.090 min
Delta R.T.: 0.006 min
Response: 4776463
Conc: 33.45 ug/ml

Instrument :
FID_E
ClientSampleId :



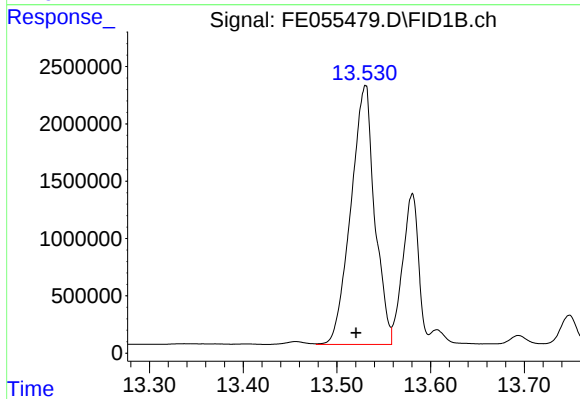
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.005 min
Response: 1418895
Conc: 11.31 ug/ml



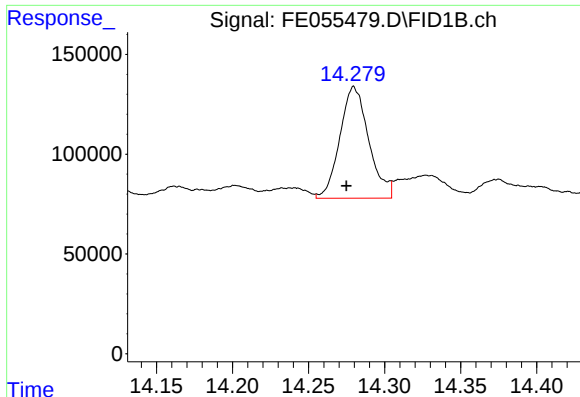
#11 n-Heneicosane (C21)

R.T.: 13.694 min
Delta R.T.: 0.007 min
Response: 1058385
Conc: 8.59 ug/ml



#12 1-chlorooctadecane (SURR)

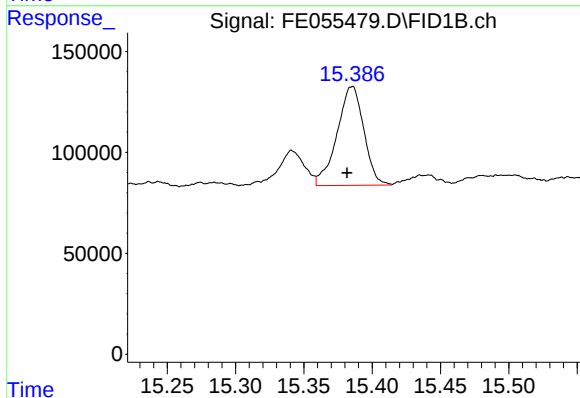
R.T.: 13.530 min
Delta R.T.: 0.009 min
Response: 39999878
Conc: 372.01 ug/ml



#13 n-Docosane (C22)

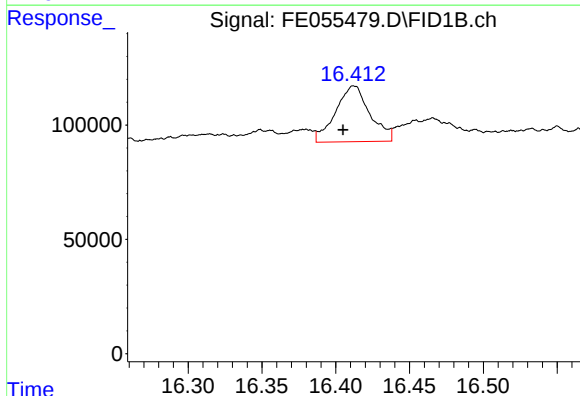
R.T.: 14.280 min
Delta R.T.: 0.005 min
Response: 740769
Conc: 6.07 ug/ml

Instrument :
FID_E
ClientSampleId :



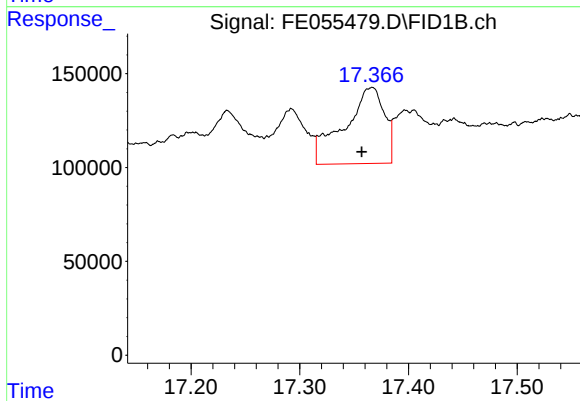
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: 0.003 min
Response: 668679
Conc: 5.50 ug/ml



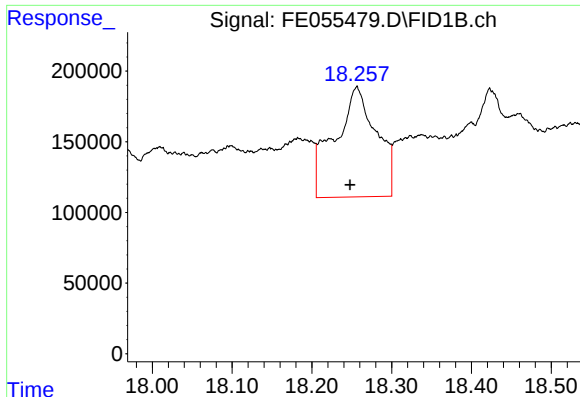
#15 n-Hexacosane (C26)

R.T.: 16.412 min
Delta R.T.: 0.007 min
Response: 395929
Conc: 3.31 ug/ml



#16 n-Octacosane (C28)

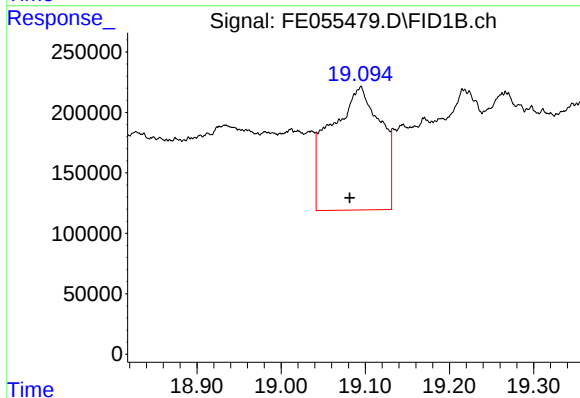
R.T.: 17.366 min
Delta R.T.: 0.009 min
Response: 1042686
Conc: 8.79 ug/ml



#17 n-Tricontane (C30)

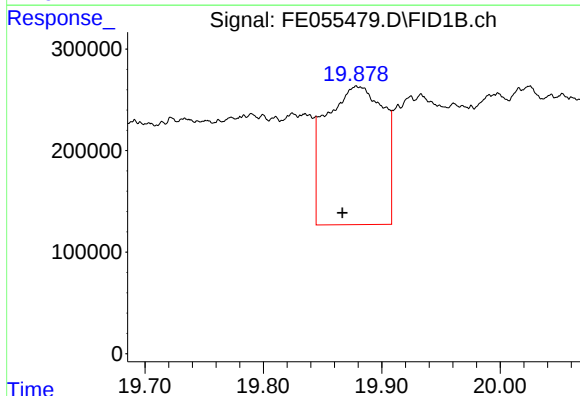
R.T.: 18.256 min
Delta R.T.: 0.008 min
Response: 2826166
Conc: 22.97 ug/ml

Instrument :
FID_E
ClientSampleId :



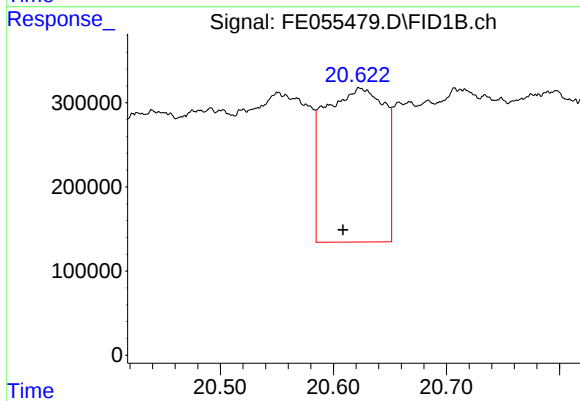
#18 n-Dotriacontane (C32)

R.T.: 19.094 min
Delta R.T.: 0.012 min
Response: 4210503
Conc: 34.51 ug/ml



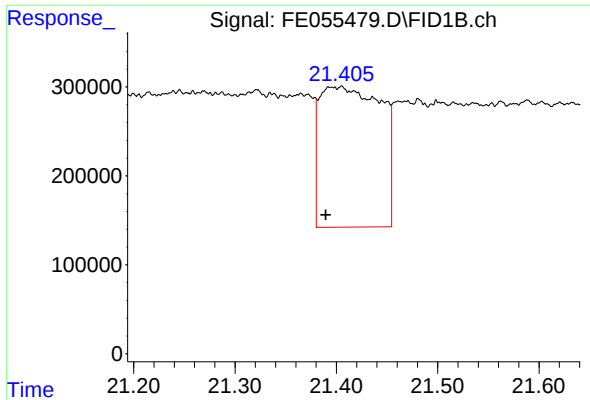
#19 n-Tetratriacontane (C34)

R.T.: 19.880 min
Delta R.T.: 0.013 min
Response: 4614327
Conc: 39.47 ug/ml



#20 n-Hexatriacontane (C36)

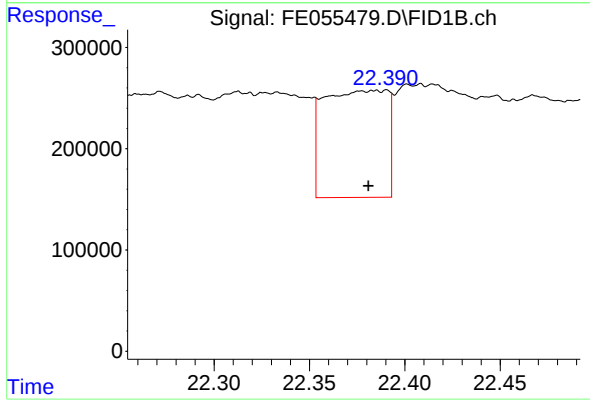
R.T.: 20.624 min
Delta R.T.: 0.016 min
Response: 6773396
Conc: 61.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.404 min
Delta R.T.: 0.014 min
Response: 6659297
Conc: 61.62 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.385 min
Delta R.T.: 0.005 min
Response: 2438839
Conc: 23.32 ug/ml