

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082125AL\
 Data File : FE055441.D
 Signal(s) : FID1B.ch
 Acq On : 21 Aug 2025 22:19
 Operator : YP\AJ
 Sample : Q2917-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-082025

Integration File: sample.E
 Quant Time: Aug 22 01:24:06 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)	12.085	6740575	47.202 ug/ml
Spiked Amount 50.000		Recovery =	94.40%
12) S 1-chlorooctadecane (S...	13.521	5820435	54.131 ug/ml
Spiked Amount 50.000		Recovery =	108.26%
Target Compounds			
1) T n-Nonane (C9)	3.415	13704	0.119 ug/ml
2) T n-Decane (C10)	4.675	10420	0.089 ug/ml
3) T A~Naphthalene (C11.7)	6.397	71746	0.534 ug/ml
4) T n-Dodecane (C12)	6.853	23685	0.199 ug/ml
5) T A~2-methylnaphthalene...	7.498	73868	0.567 ug/ml
6) T n-Tetradecane (C14)	8.678	121866	0.994 ug/ml
7) T n-Hexadecane (C16)	10.326	158432	1.239 ug/ml
8) T n-Octadecane (C18)	11.752	92469	0.709 ug/ml
10) T n-Eicosane (C20)	13.066	394127	3.141 ug/ml
11) T n-Heneicosane (C21)	13.714	245669	1.993 ug/ml
13) T n-Docosane (C22)	14.273	286381	2.345 ug/ml
14) T n-Tetracosane (C24)	15.376	1474680	12.124 ug/ml
15) T n-Hexacosane (C26)	16.402	176508	1.475 ug/ml
16) T n-Octacosane (C28)	17.386	1871725	15.779 ug/ml
17) T n-Tricontane (C30)	18.248	3141951	25.534 ug/ml
18) T n-Dotriacontane (C32)	19.052	4800894	39.348 ug/ml
19) T n-Tetratriacontane (C34)	19.870	3408399	29.152 ug/ml
20) T n-Hexatriacontane (C36)	20.604	4815649	44.059 ug/ml
21) T n-Octatriacontane (C38)	21.382	5040841	46.644 ug/ml

(f)=RT Delta > 1/2 Window

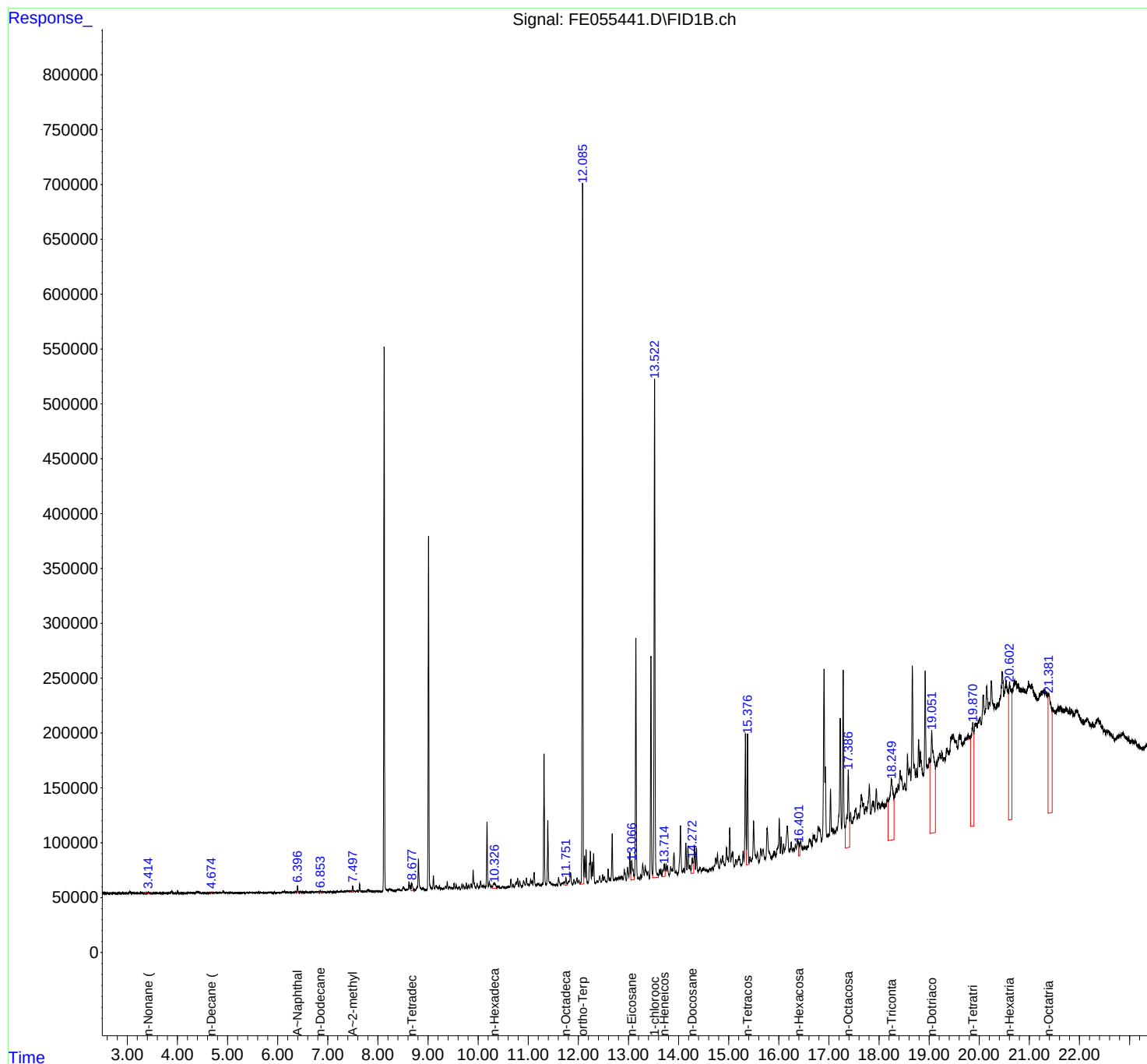
(m)=manual int.

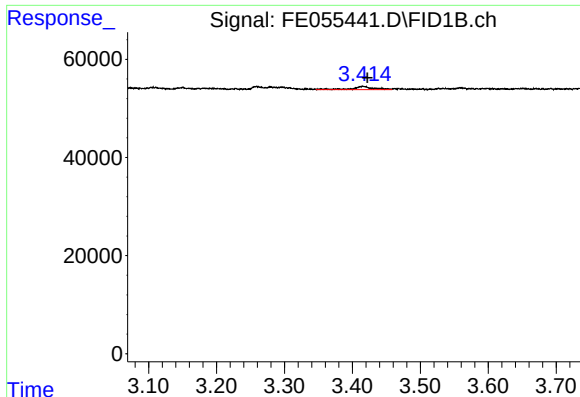
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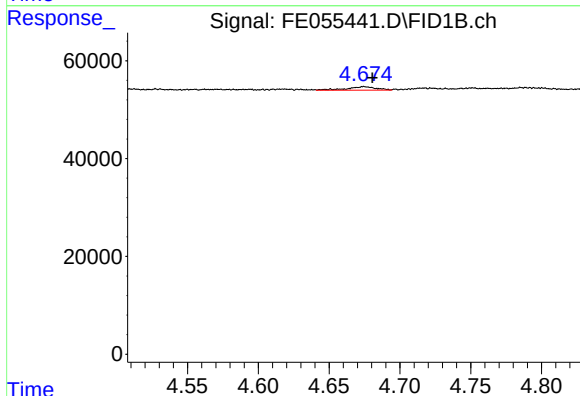




#1 n-Nonane (C9)

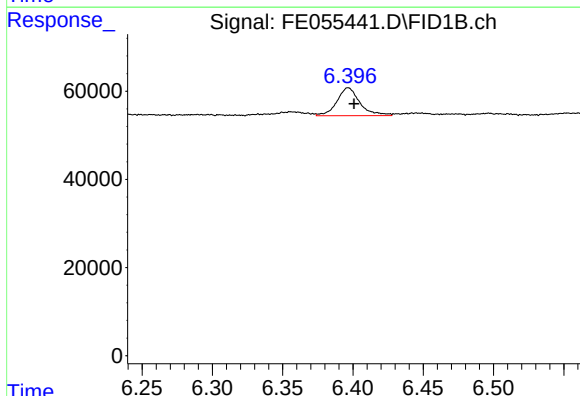
R.T.: 3.415 min
Delta R.T.: -0.007 min
Response: 13704
Conc: 0.12 ug/ml

Instrument :
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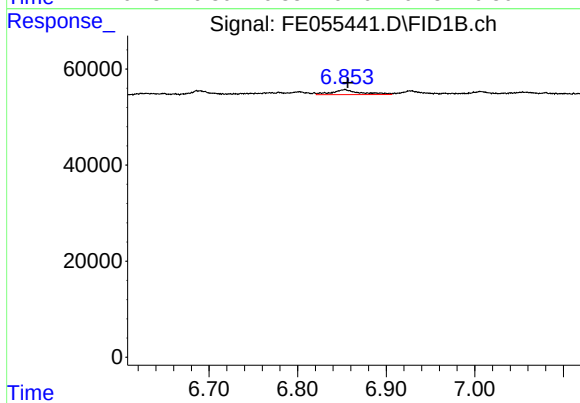
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: -0.006 min
Response: 10420
Conc: 0.09 ug/ml



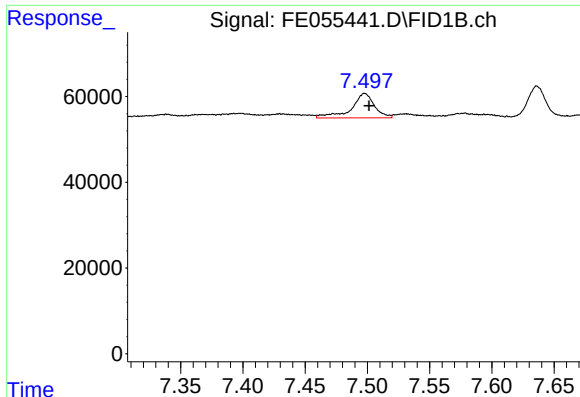
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.004 min
Response: 71746
Conc: 0.53 ug/ml



#4 n-Dodecane (C12)

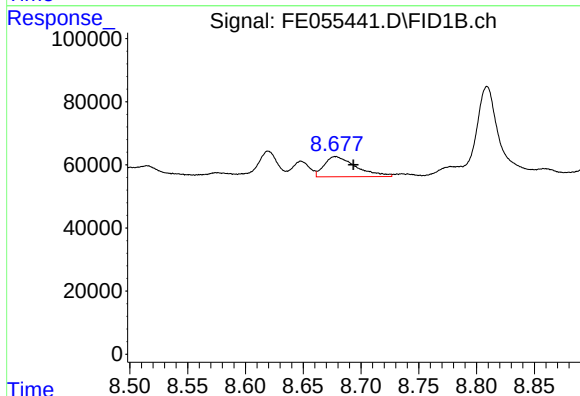
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 23685
Conc: 0.20 ug/ml



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

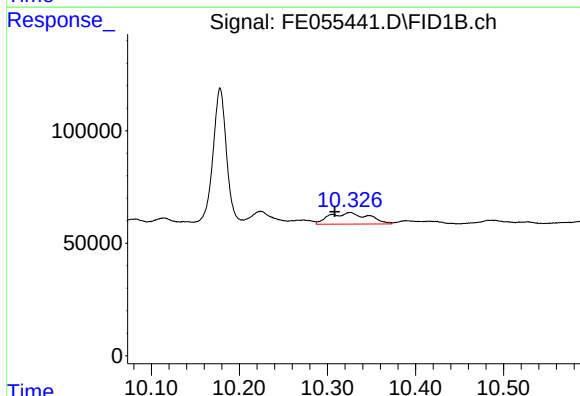
R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 73868
Conc: 0.57 ug/ml

Instrument :
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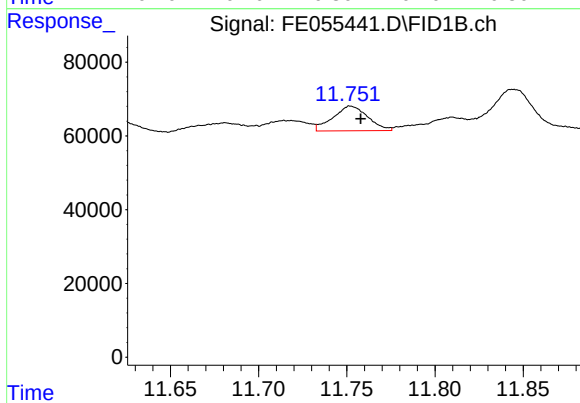
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: -0.015 min
Response: 121866
Conc: 0.99 ug/ml



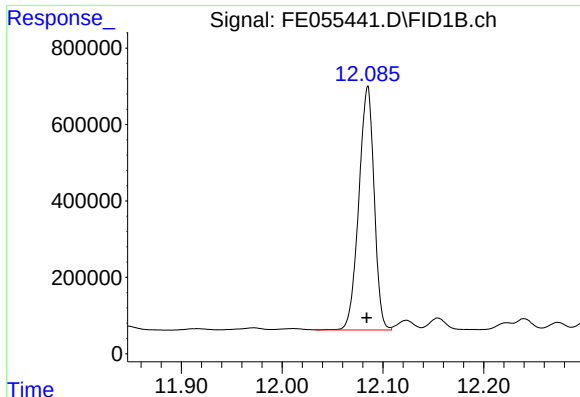
#7 n-Hexadecane (C16)

R.T.: 10.326 min
Delta R.T.: 0.017 min
Response: 158432
Conc: 1.24 ug/ml



#8 n-Octadecane (C18)

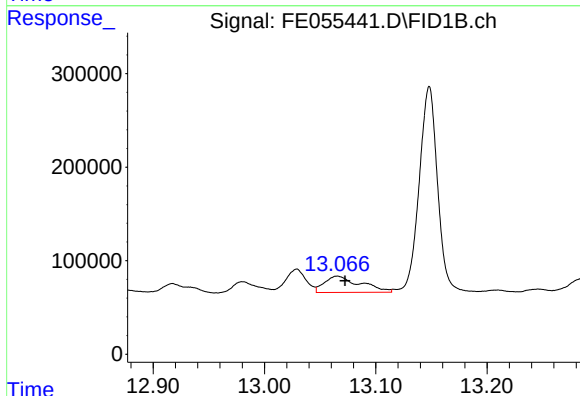
R.T.: 11.752 min
Delta R.T.: -0.005 min
Response: 92469
Conc: 0.71 ug/ml



#9 ortho-Terphenyl (SURR)

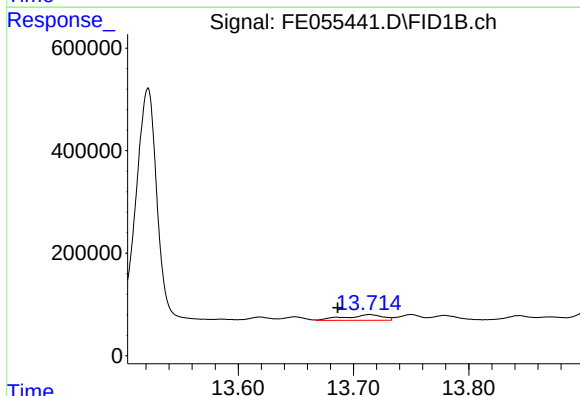
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 6740575
Conc: 47.20 ug/ml

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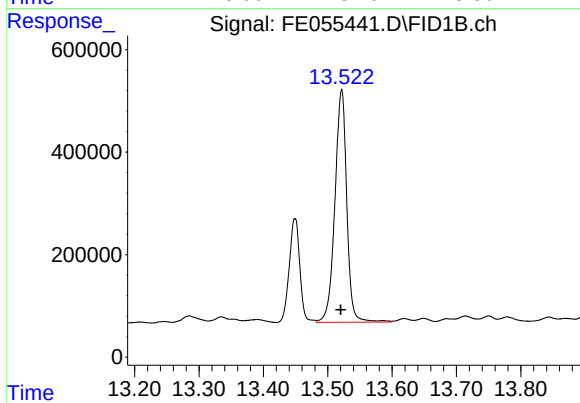
#10 n-Eicosane (C20)

R.T.: 13.066 min
Delta R.T.: -0.007 min
Response: 394127
Conc: 3.14 ug/ml



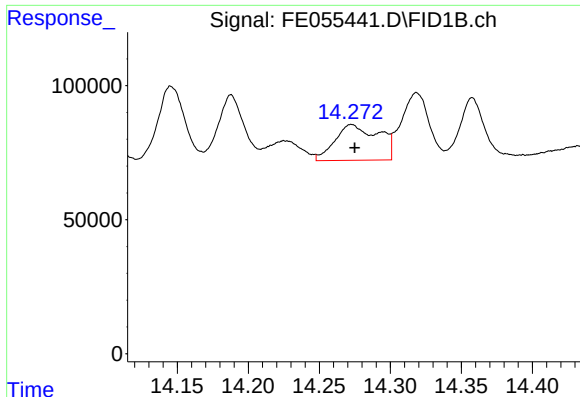
#11 n-Heneicosane (C21)

R.T.: 13.714 min
Delta R.T.: 0.028 min
Response: 245669
Conc: 1.99 ug/ml



#12 1-chlorooctadecane (SURR)

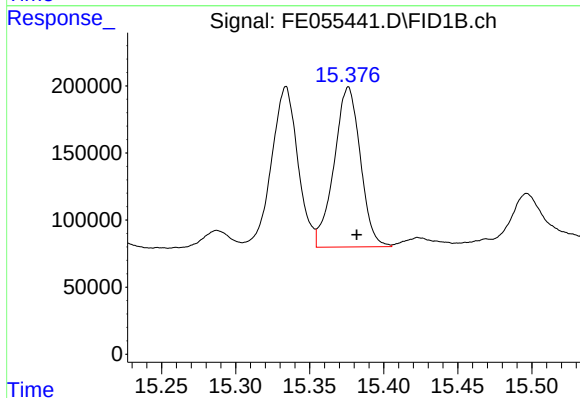
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 5820435
Conc: 54.13 ug/ml



#13 n-Docosane (C22)

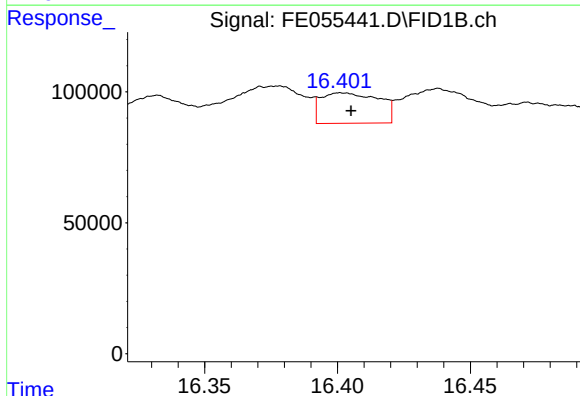
R.T.: 14.273 min
Delta R.T.: -0.002 min
Response: 286381
Conc: 2.35 ug/ml

Instrument :
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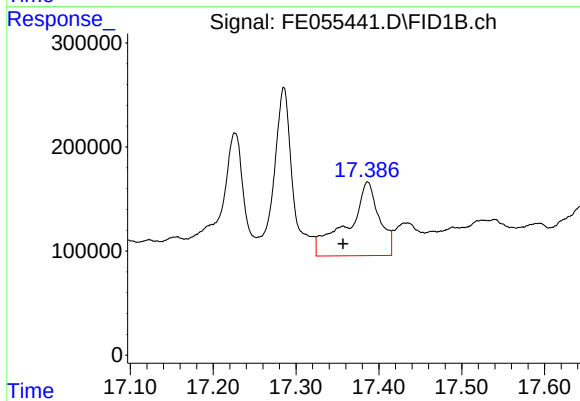
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: -0.006 min
Response: 1474680
Conc: 12.12 ug/ml



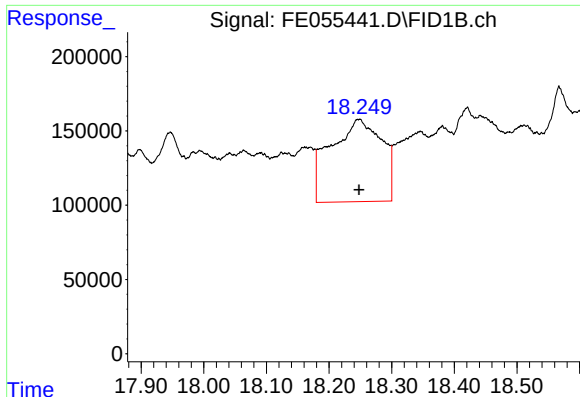
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 176508
Conc: 1.48 ug/ml



#16 n-Octacosane (C28)

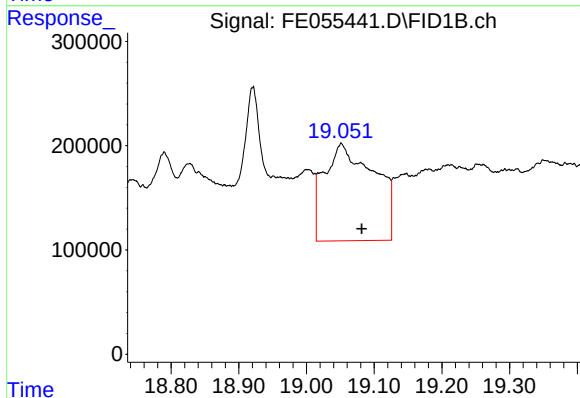
R.T.: 17.386 min
Delta R.T.: 0.030 min
Response: 1871725
Conc: 15.78 ug/ml



#17 n-Tricontane (C30)

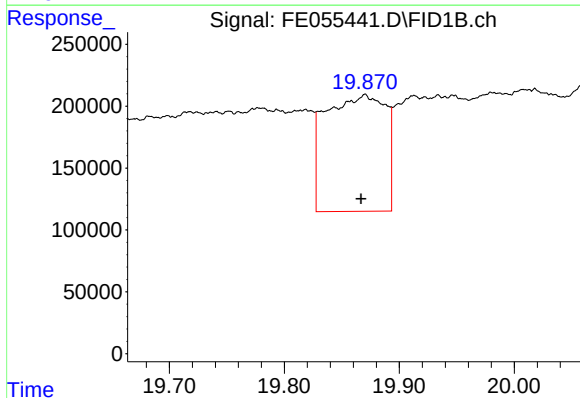
R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 3141951
Conc: 25.53 ug/ml

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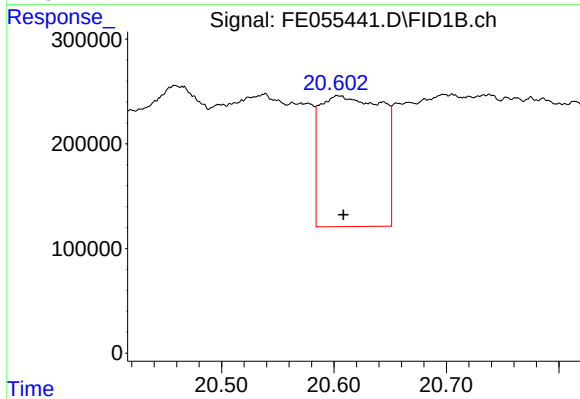
#18 n-Dotriacontane (C32)

R.T.: 19.052 min
Delta R.T.: -0.030 min
Response: 4800894
Conc: 39.35 ug/ml



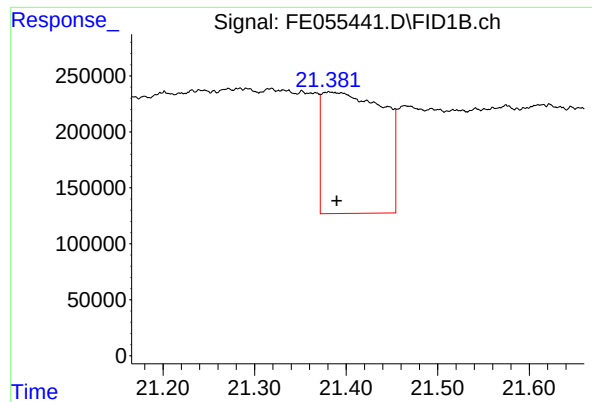
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.004 min
Response: 3408399
Conc: 29.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: -0.004 min
Response: 4815649
Conc: 44.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.382 min
Delta R.T.: -0.008 min
Response: 5040841
Conc: 46.64 ug/ml

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