

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070522AL\
 Data File : FE036360.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jul 2022 13:46
 Operator : YP\AJ
 Sample : N3214-03
 Misc : 2.5 PPM SOIL LOD MDL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e
 Quant Time: Jul 06 03:48:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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			
12) S 1-chlorooctadecane (S...	13.309	4515004	29.163 ug/ml
Spiked Amount 50.000		Recovery =	58.33%
Target Compounds			
1) T n-Nonane (C9)	3.258	258179	1.435 ug/ml
2) T n-Decane (C10)	4.512	324331	1.804 ug/ml
4) T n-Dodecane (C12)	6.680	538901	2.909 ug/ml
6) T n-Tetradecane (C14)	8.507	406006	2.172 ug/ml
7) T n-Hexadecane (C16)	10.112	388368	2.074 ug/mlm
8) T n-Octadecane (C18)	11.553	408180	2.194 ug/ml
10) T n-Eicosane (C20)	12.864	399324	2.204 ug/ml
11) T n-Heneicosane (C21)	13.474	391429	2.179 ug/ml
13) T n-Docosane (C22)	14.059	394377	2.231 ug/ml
14) T n-Tetracosane (C24)	15.162	405744	2.369 ug/ml
15) T n-Hexacosane (C26)	16.185	373625	2.261 ug/ml
16) T n-Octacosane (C28)	17.135	372652	2.328 ug/ml
17) T n-Tricontane (C30)	18.019	412548	2.665 ug/ml
18) T n-Dotriacontane (C32)	18.854	429061	2.936 ug/ml
19) T n-Tetratriacontane (C34)	19.637	404690	2.924 ug/mlm
20) T n-Hexatriacontane (C36)	20.378	386706	2.881 ug/ml
21) T n-Octatriacontane (C38)	21.107	333321	2.506 ug/mlm
22) T n-Tetracontane (C40)	22.000	452908	3.239 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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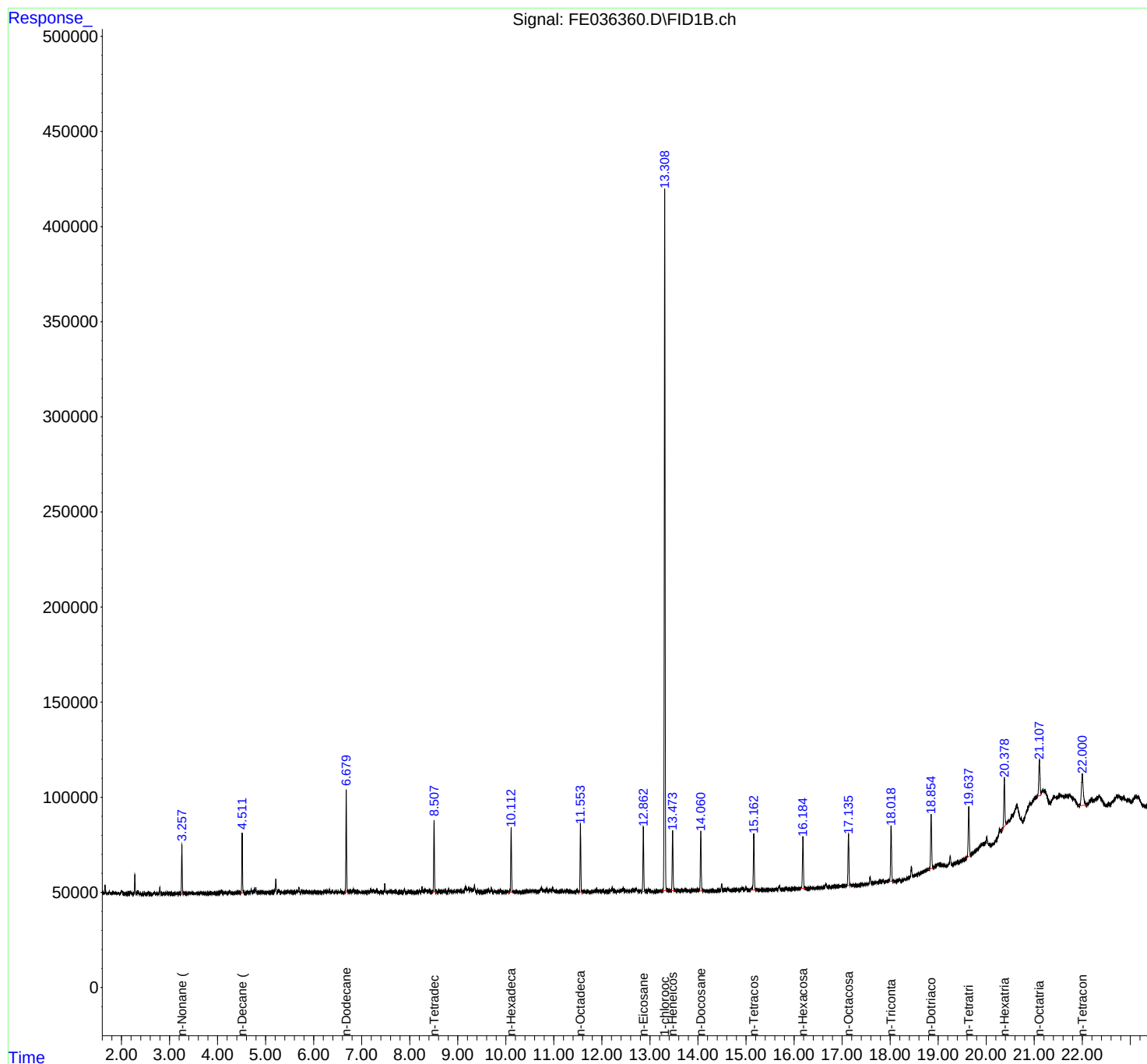
Instrument :
FID_E
ClientSampleId :

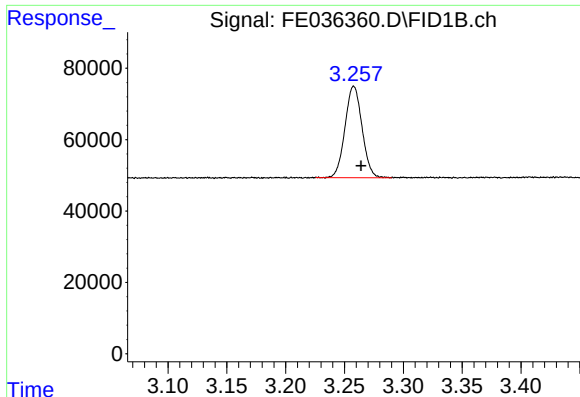
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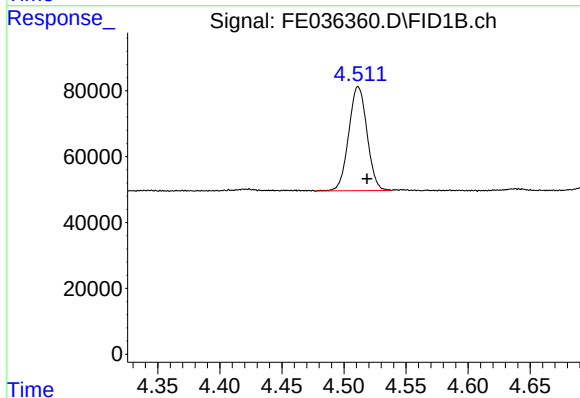
#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: -0.006 min
Response: 258179
Conc: 1.44 ug/ml

Instrument :
FID_E
ClientSampleId :

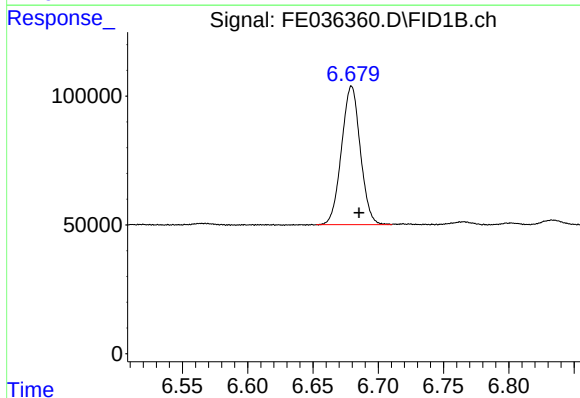
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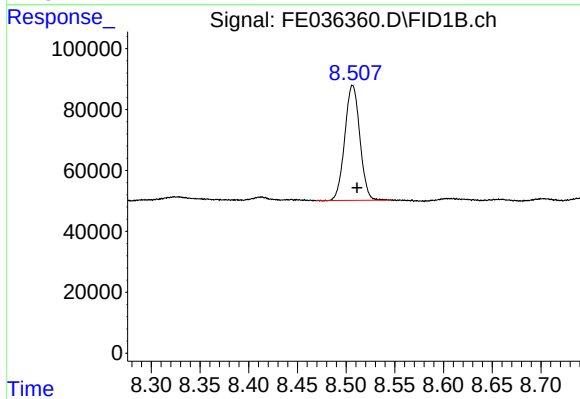
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.007 min
Response: 324331
Conc: 1.80 ug/ml



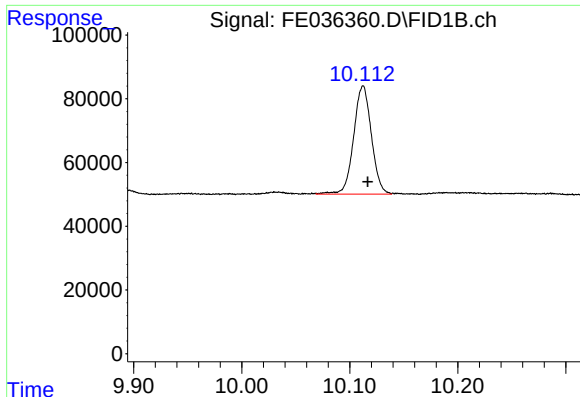
#4 n-Dodecane (C12)

R.T.: 6.680 min
Delta R.T.: -0.006 min
Response: 538901
Conc: 2.91 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: -0.004 min
Response: 406006
Conc: 2.17 ug/ml



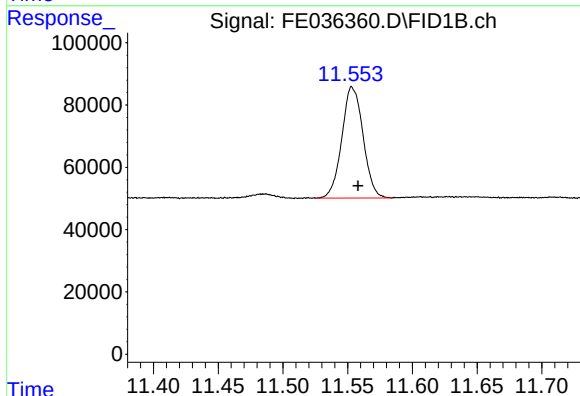
#7 n-Hexadecane (C16)

R.T.: 10.112 min
Delta R.T.: -0.005 min
Response: 388368
Conc: 2.07 ug/ml

Instrument :
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ClientSampleId :

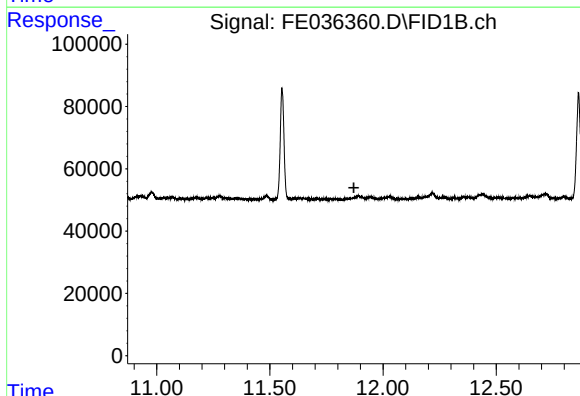
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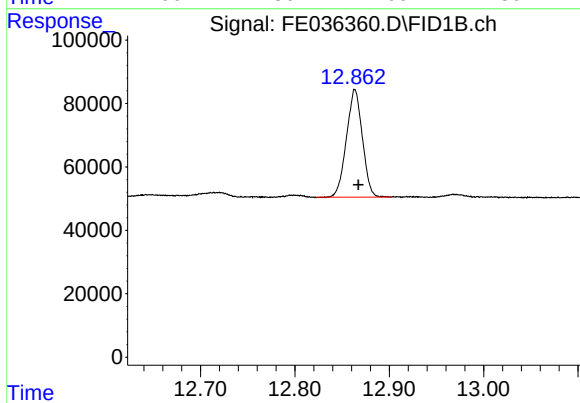
#8 n-Octadecane (C18)

R.T.: 11.553 min
Delta R.T.: -0.005 min
Response: 408180
Conc: 2.19 ug/ml



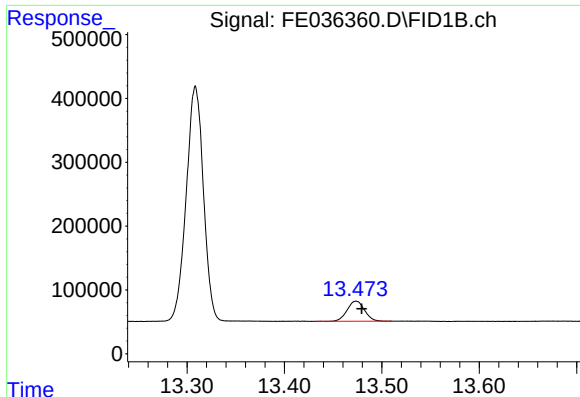
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.871 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.004 min
Response: 399324
Conc: 2.20 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.474 min
Delta R.T.: -0.006 min
Response: 391429
Conc: 2.18 ug/ml

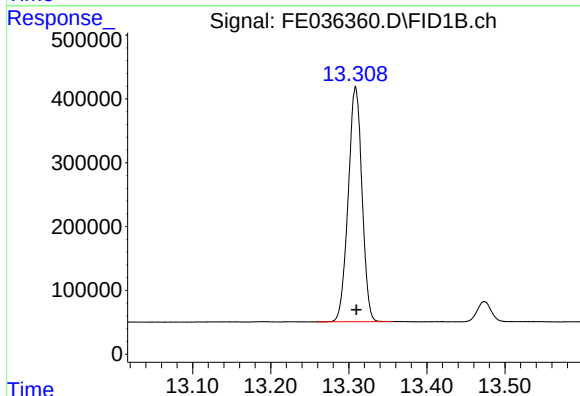
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FID_E

ClientSampleId :

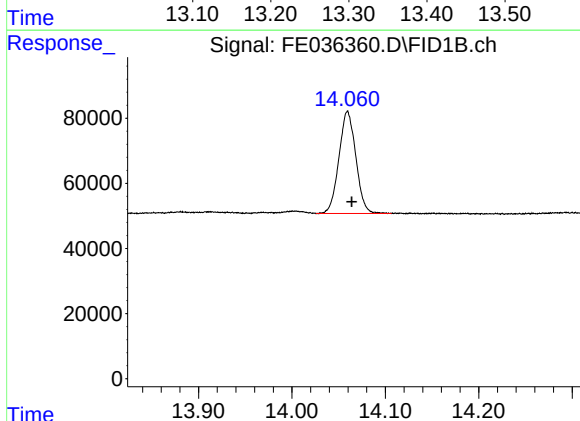
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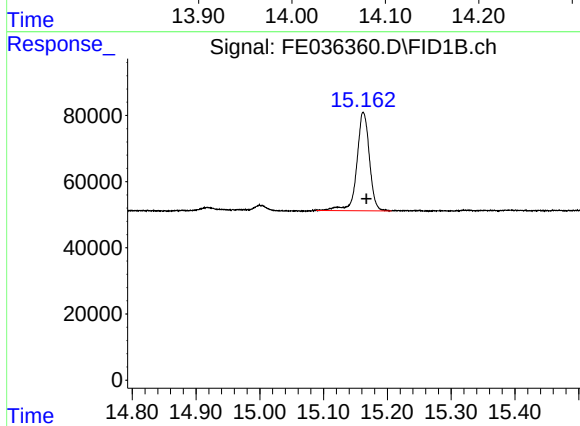
#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.001 min
Response: 4515004
Conc: 29.16 ug/ml



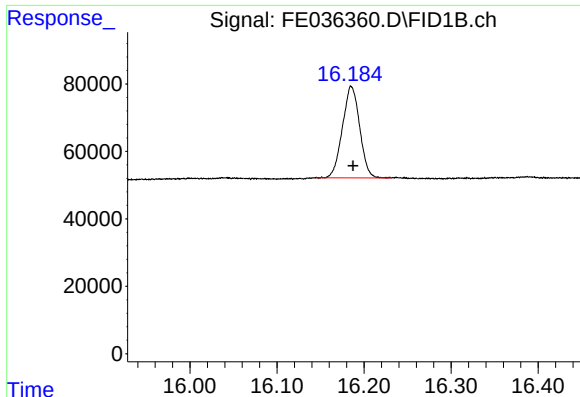
#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: -0.004 min
Response: 394377
Conc: 2.23 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.005 min
Response: 405744
Conc: 2.37 ug/ml



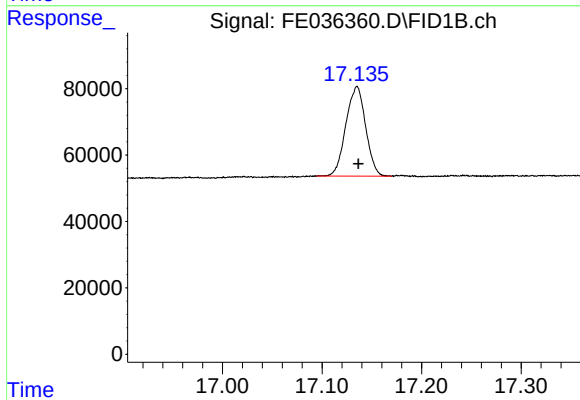
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: -0.002 min
Response: 373625
Conc: 2.26 ug/ml

Instrument :
FID_E
ClientSampleId :

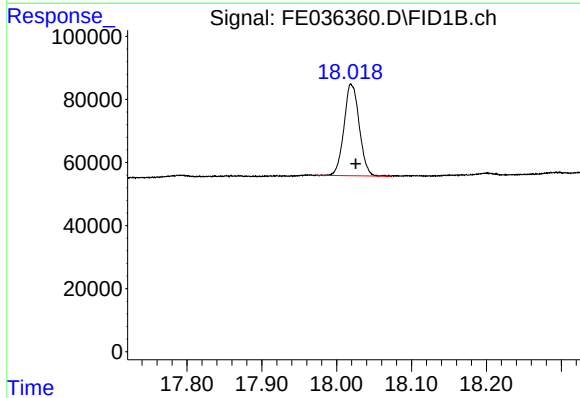
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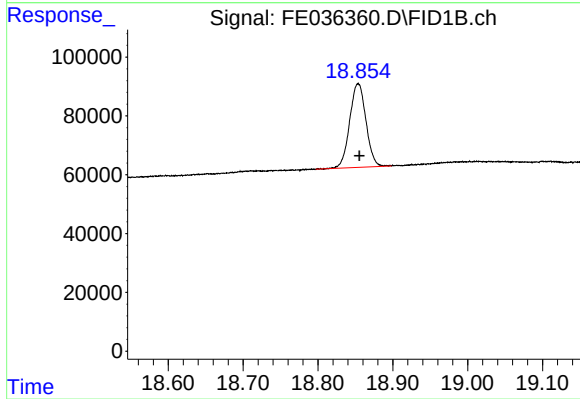
#16 n-Octacosane (C28)

R.T.: 17.135 min
Delta R.T.: -0.002 min
Response: 372652
Conc: 2.33 ug/ml



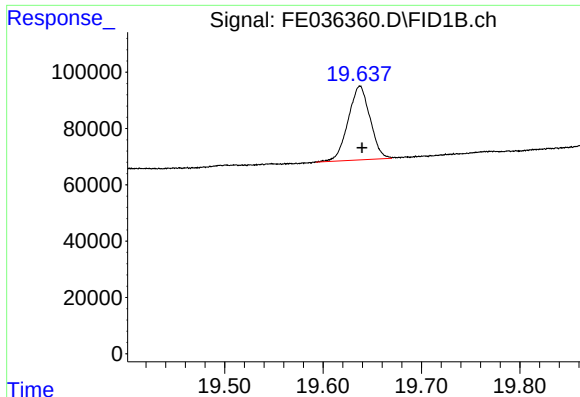
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: -0.006 min
Response: 412548
Conc: 2.66 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.002 min
Response: 429061
Conc: 2.94 ug/ml



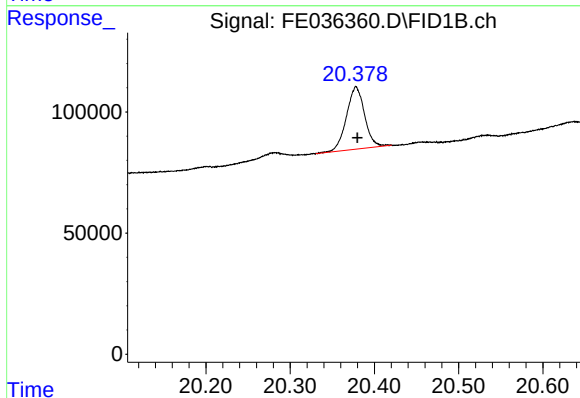
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.003 min
Response: 404690
Conc: 2.92 ug/ml

Instrument :
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ClientSampleId :

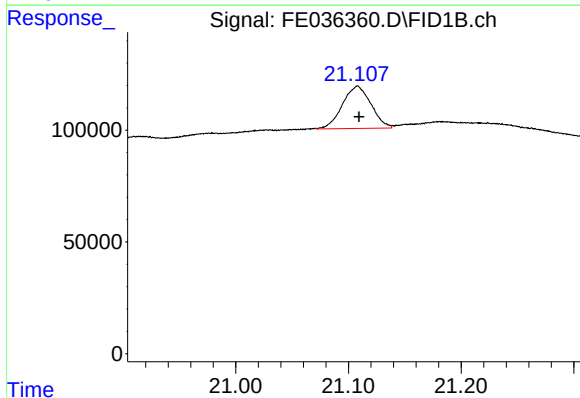
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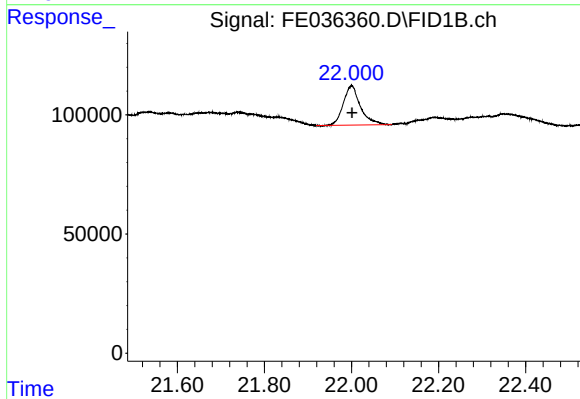
#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.002 min
Response: 386706
Conc: 2.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.002 min
Response: 333321
Conc: 2.51 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: 0.000 min
Response: 452908
Conc: 3.24 ug/ml