

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111122AL\
 Data File : FE038756.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2022 21:25
 Operator : YP\AJ
 Sample : N5583-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 NB-08-111022-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2022
 Supervised By :Ankita Jodhani 11/14/2022

Integration File: autoint1.e
 Quant Time: Nov 14 10:22:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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			
9) S ortho-Terphenyl (SURR)	11.971	5274396	30.652 ug/mlm
Spiked Amount 50.000		Recovery =	61.30%
12) S 1-chlorooctadecane (S...	13.414	55431488	404.901 ug/ml
Spiked Amount 50.000		Recovery =	809.80%
Target Compounds			
1) T n-Nonane (C9)	3.361	4096814	26.601 ug/ml
2) T n-Decane (C10)	4.611	4491426	28.936 ug/mlm
3) T A~Naphthalene (C11.7)	6.315	5388424	31.818 ug/ml
4) T n-Dodecane (C12)	6.773	4993449	31.965 ug/ml
5) T A~2-methylnaphthalene...	7.410	5569985	33.237 ug/ml
6) T n-Tetradecane (C14)	8.601	5506995	35.214 ug/ml
7) T n-Hexadecane (C16)	10.207	5917409	37.454 ug/ml
8) T n-Octadecane (C18)	11.650	5976263	37.310 ug/ml
10) T n-Eicosane (C20)	12.959	5824087	36.146 ug/ml
11) T n-Heneicosane (C21)	13.575	6261345	38.762 ug/ml
13) T n-Docosane (C22)	14.159	5706896	35.350 ug/mlm
14) T n-Tetracosane (C24)	15.256	11474726	71.539 ug/ml
15) T n-Hexacosane (C26)	16.283	5413774	34.084 ug/mlm
16) T n-Octacosane (C28)	17.232	5503785	35.080 ug/mlm
17) T n-Tricontane (C30)	18.121	5427090	34.013 ug/ml
18) T n-Dotriacontane (C32)	18.952	5553963	35.225 ug/ml
19) T n-Tetratriacontane (C34)	19.736	5542823	37.598 ug/mlm
20) T n-Hexatriacontane (C36)	20.477	5576251	39.026 ug/ml
21) T n-Octatriacontane (C38)	21.222	5636850	41.735 ug/mlm
22) T n-Tetracontane (C40)	22.154	6083191	48.191 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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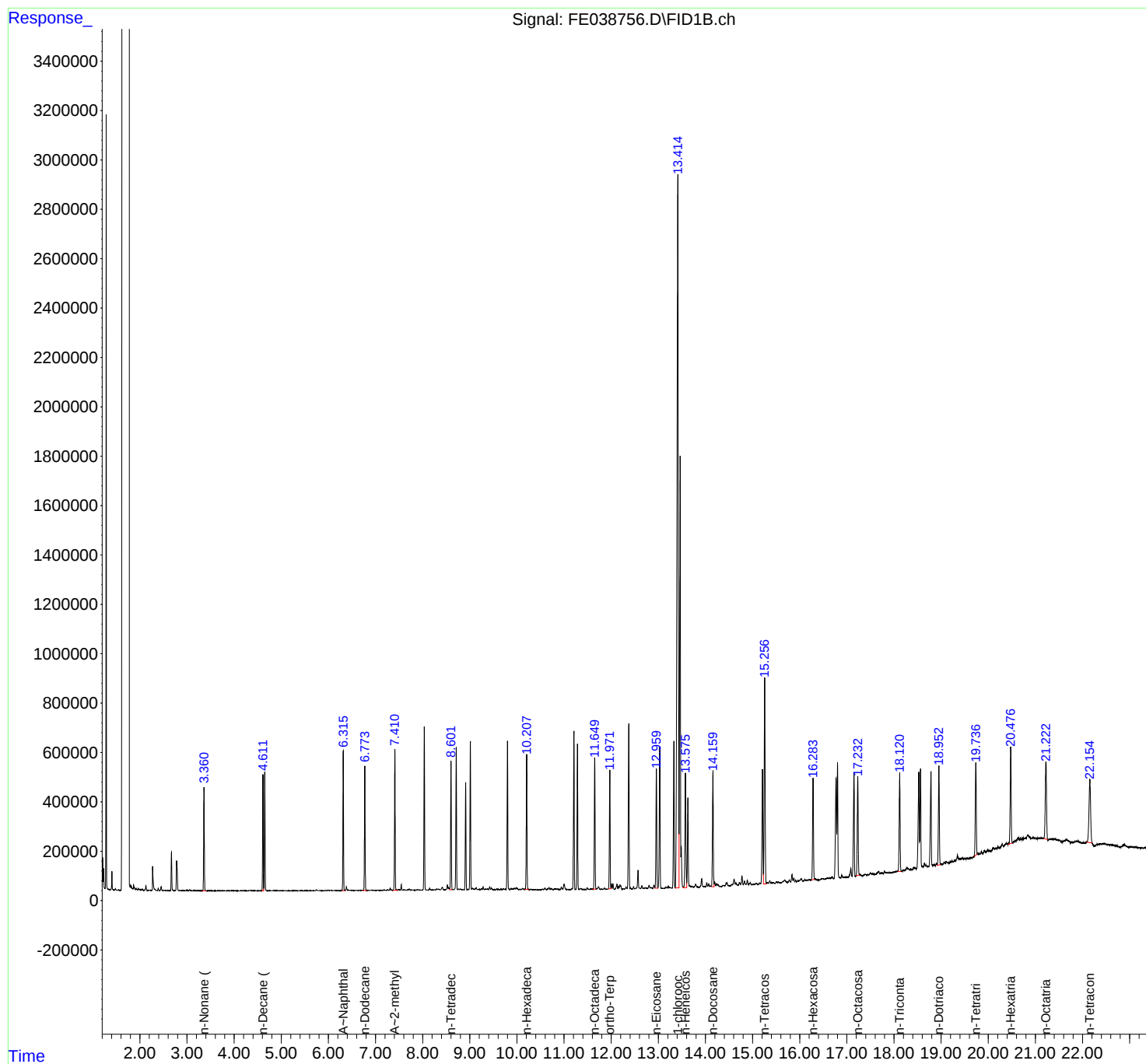
Instrument :
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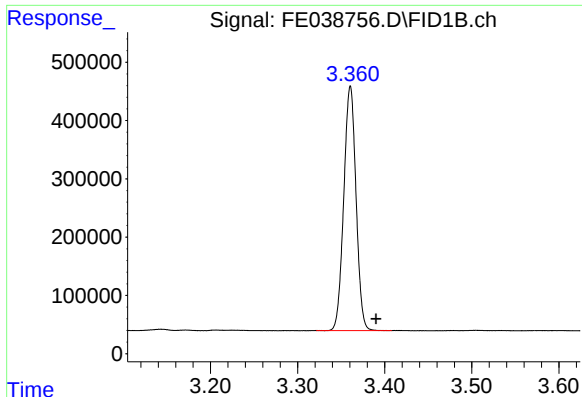
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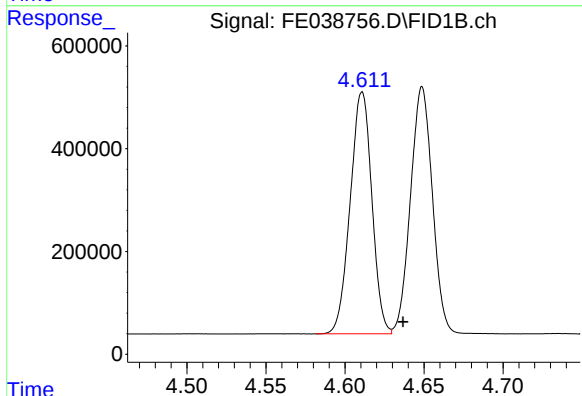
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.029 min
Response: 4096814
Conc: 26.60 ug/ml

Instrument :
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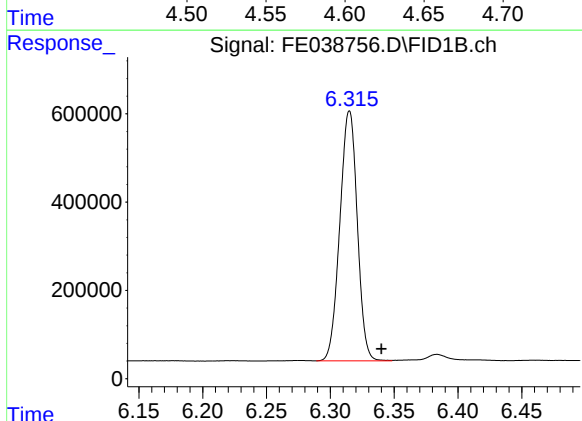
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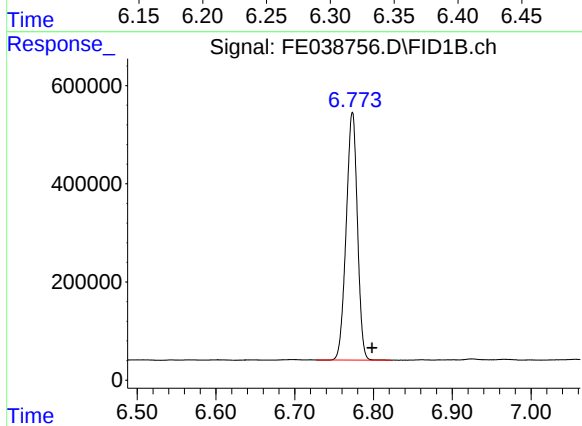
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.026 min
Response: 4491426
Conc: 28.94 ug/ml m



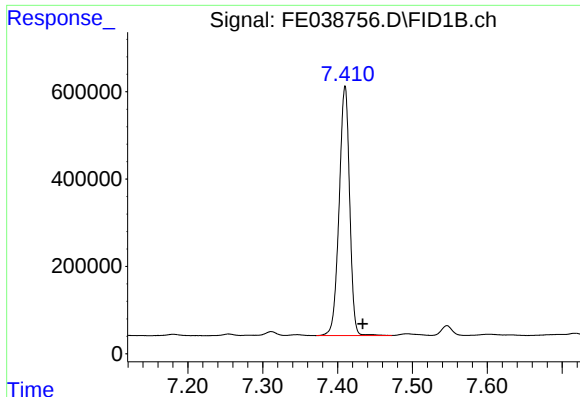
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: -0.025 min
Response: 5388424
Conc: 31.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: -0.025 min
Response: 4993449
Conc: 31.96 ug/ml



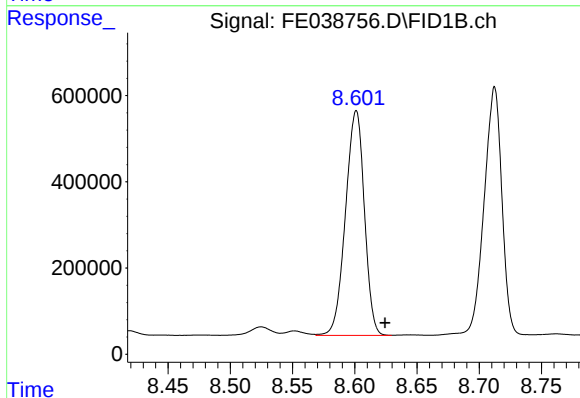
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.410 min
Delta R.T.: -0.023 min
Response: 5569985
Conc: 33.24 ug/ml

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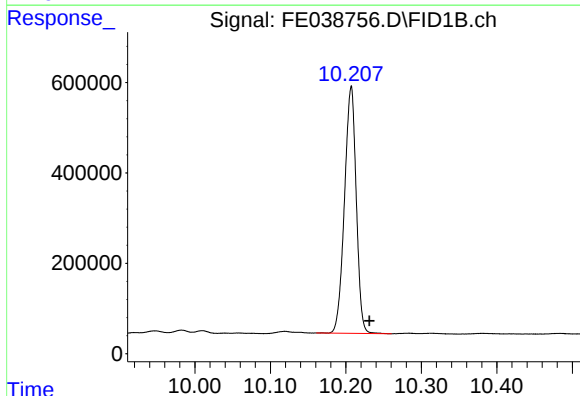
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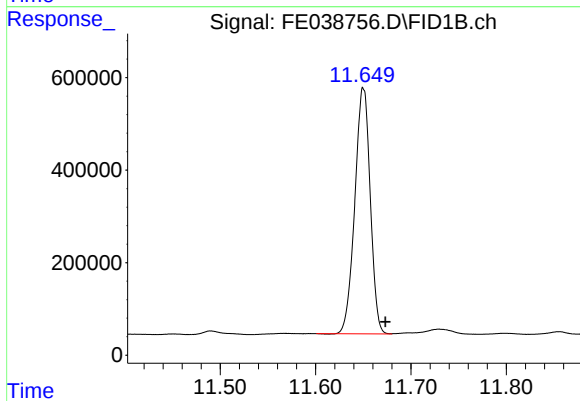
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.023 min
Response: 5506995
Conc: 35.21 ug/ml



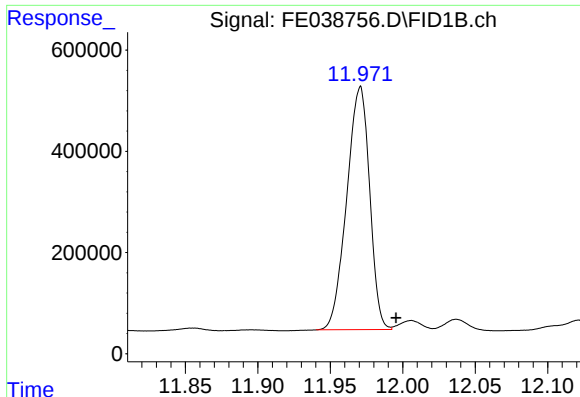
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.024 min
Response: 5917409
Conc: 37.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: -0.023 min
Response: 5976263
Conc: 37.31 ug/ml



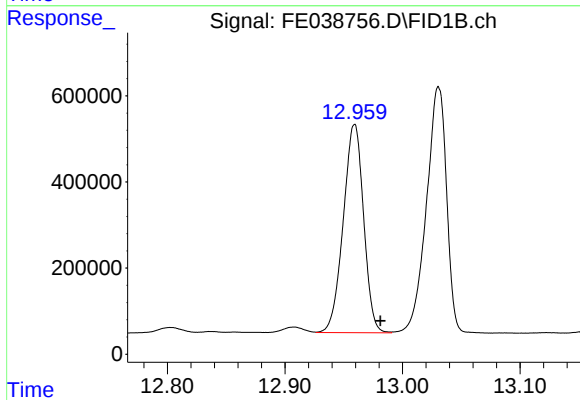
#9 ortho-Terphenyl (SURR)

R.T.: 11.971 min
Delta R.T.: -0.025 min
Response: 5274396
Conc: 30.65 ug/ml

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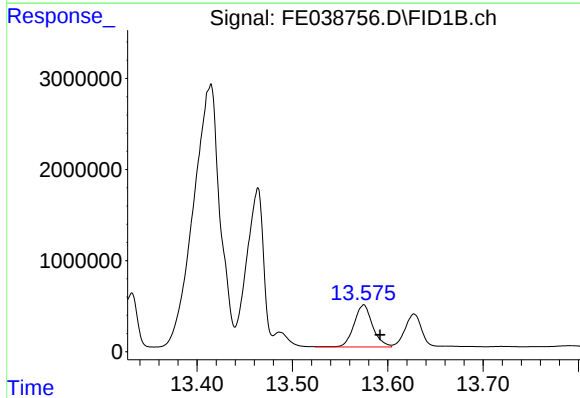
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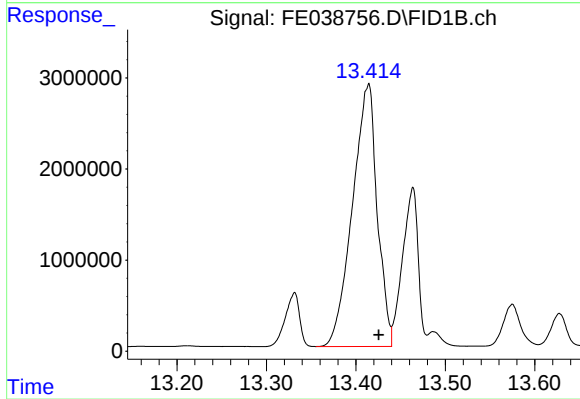
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: -0.022 min
Response: 5824087
Conc: 36.15 ug/ml



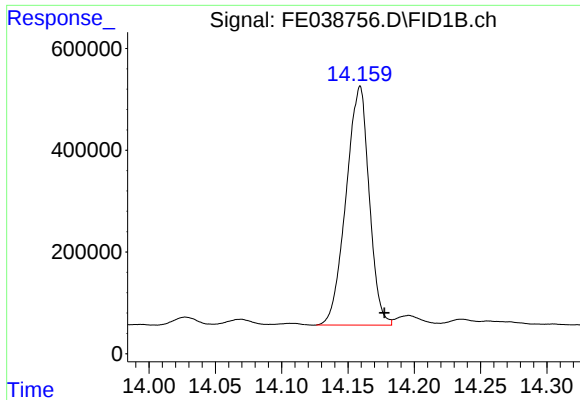
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.017 min
Response: 6261345
Conc: 38.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min
Delta R.T.: -0.011 min
Response: 55431488
Conc: 404.90 ug/ml



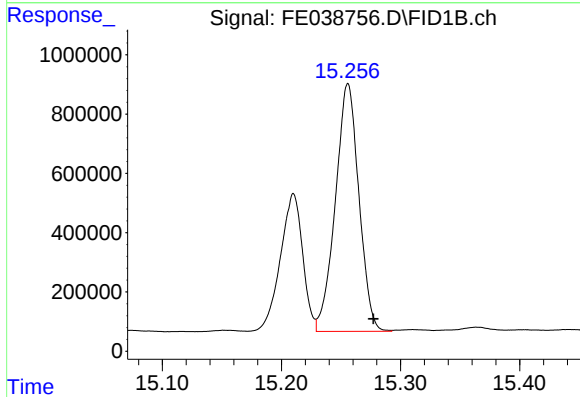
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: -0.019 min
Response: 5706896
Conc: 35.35 ug/ml

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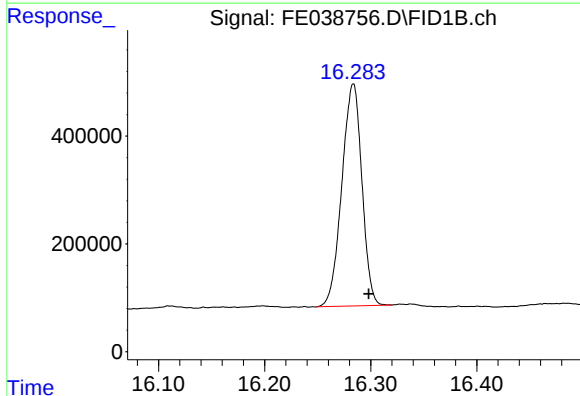
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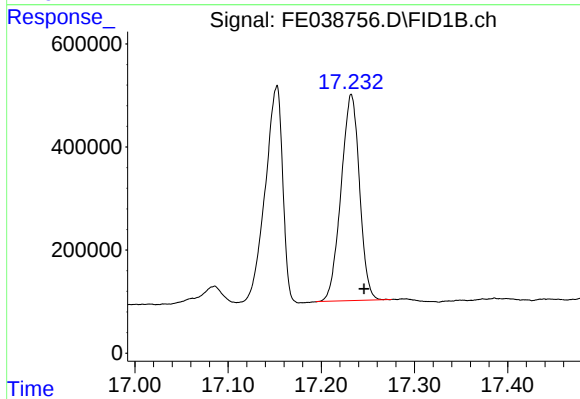
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.021 min
Response: 11474726
Conc: 71.54 ug/ml



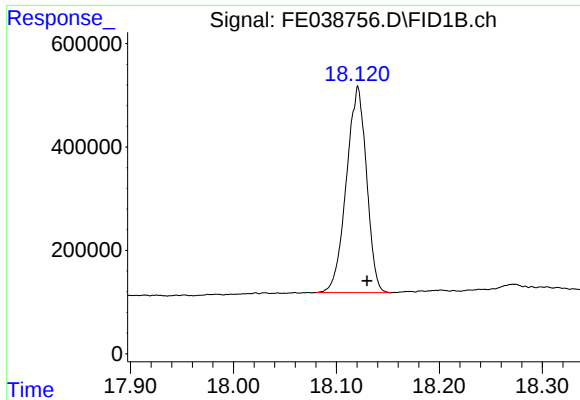
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.015 min
Response: 5413774
Conc: 34.08 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.232 min
Delta R.T.: -0.014 min
Response: 5503785
Conc: 35.08 ug/ml m



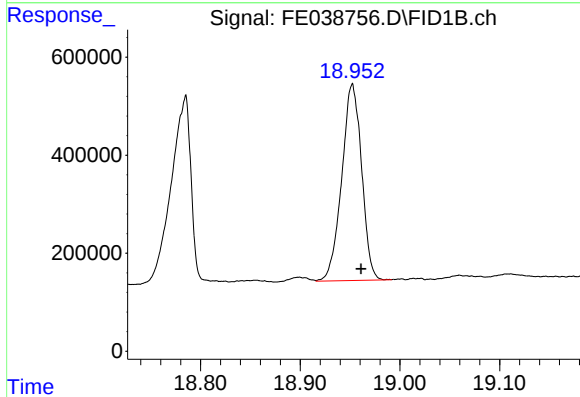
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: -0.009 min
Response: 5427090
Conc: 34.01 ug/ml

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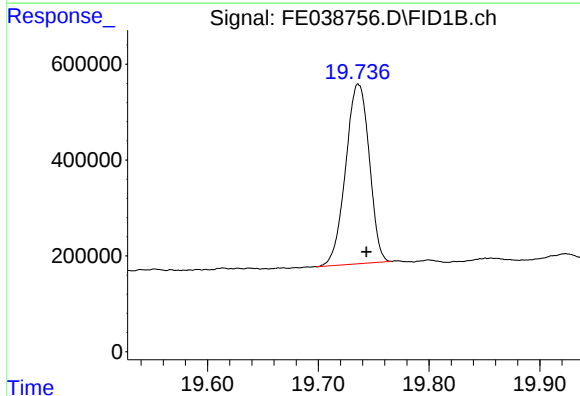
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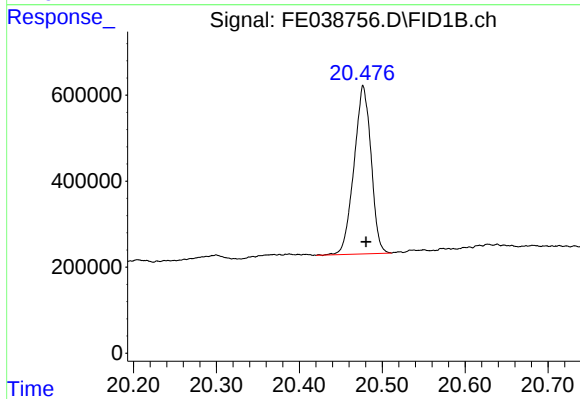
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.009 min
Response: 5553963
Conc: 35.23 ug/ml



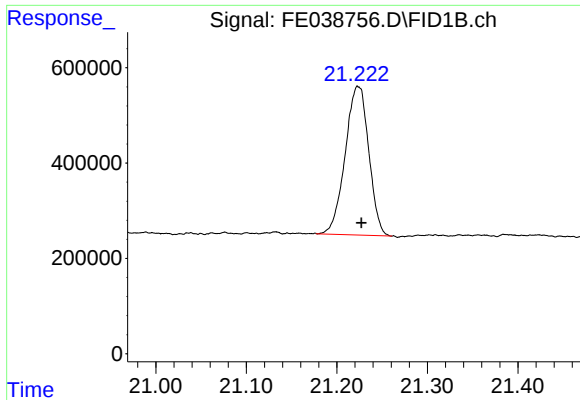
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: -0.008 min
Response: 5542823
Conc: 37.60 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: -0.004 min
Response: 5576251
Conc: 39.03 ug/ml



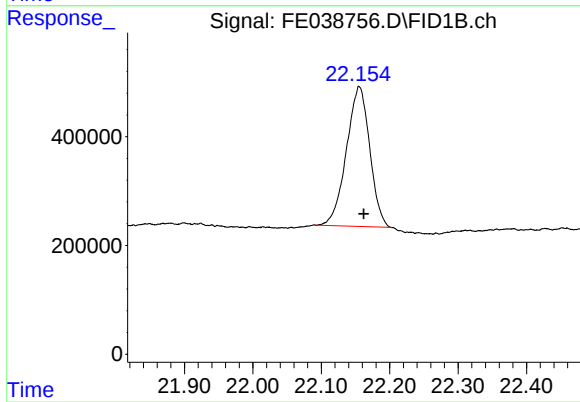
#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: -0.005 min
Response: 5636850
Conc: 41.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: -0.008 min
Response: 6083191
Conc: 48.19 ug/ml m