

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103122AL\
 Data File : FE038477.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2022 07:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e
 Quant Time: Nov 01 07:57:03 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)	11.974	3443803	20.014 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
12) S 1-chlorooctadecane (S...	13.405	2697046	19.701 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
Target Compounds			
1) T n-Nonane (C9)	3.368	3390779	22.016 ug/ml
2) T n-Decane (C10)	4.617	3424721	22.063 ug/ml
3) T A~Naphthalene (C11.7)	6.319	3638317	21.484 ug/ml
4) T n-Dodecane (C12)	6.779	3425883	21.930 ug/ml
5) T A~2-methylnaphthalene...	7.414	3547765	21.170 ug/ml
6) T n-Tetradecane (C14)	8.605	3377869	21.599 ug/ml
7) T n-Hexadecane (C16)	10.211	3346531	21.182 ug/ml
8) T n-Octadecane (C18)	11.653	3307695	20.650 ug/ml
10) T n-Eicosane (C20)	12.961	3230096	20.047 ug/ml
11) T n-Heneicosane (C21)	13.572	3194770	19.778 ug/ml
13) T n-Docosane (C22)	14.157	3159005	19.568 ug/ml
14) T n-Tetracosane (C24)	15.259	3075689	19.175 ug/ml
15) T n-Hexacosane (C26)	16.279	3031720	19.087 ug/ml
16) T n-Octacosane (C28)	17.228	3027871	19.299 ug/ml
17) T n-Tricontane (C30)	18.114	3098178	19.417 ug/ml
18) T n-Dotriacontane (C32)	18.945	3277646	20.788 ug/ml
19) T n-Tetratriacontane (C34)	19.728	2991532	20.292 ug/ml
20) T n-Hexatriacontane (C36)	20.468	3203396	22.419 ug/ml
21) T n-Octatriacontane (C38)	21.210	3359536	24.874 ug/mlm
22) T n-Tetracontane (C40)	22.140	3201676	25.364 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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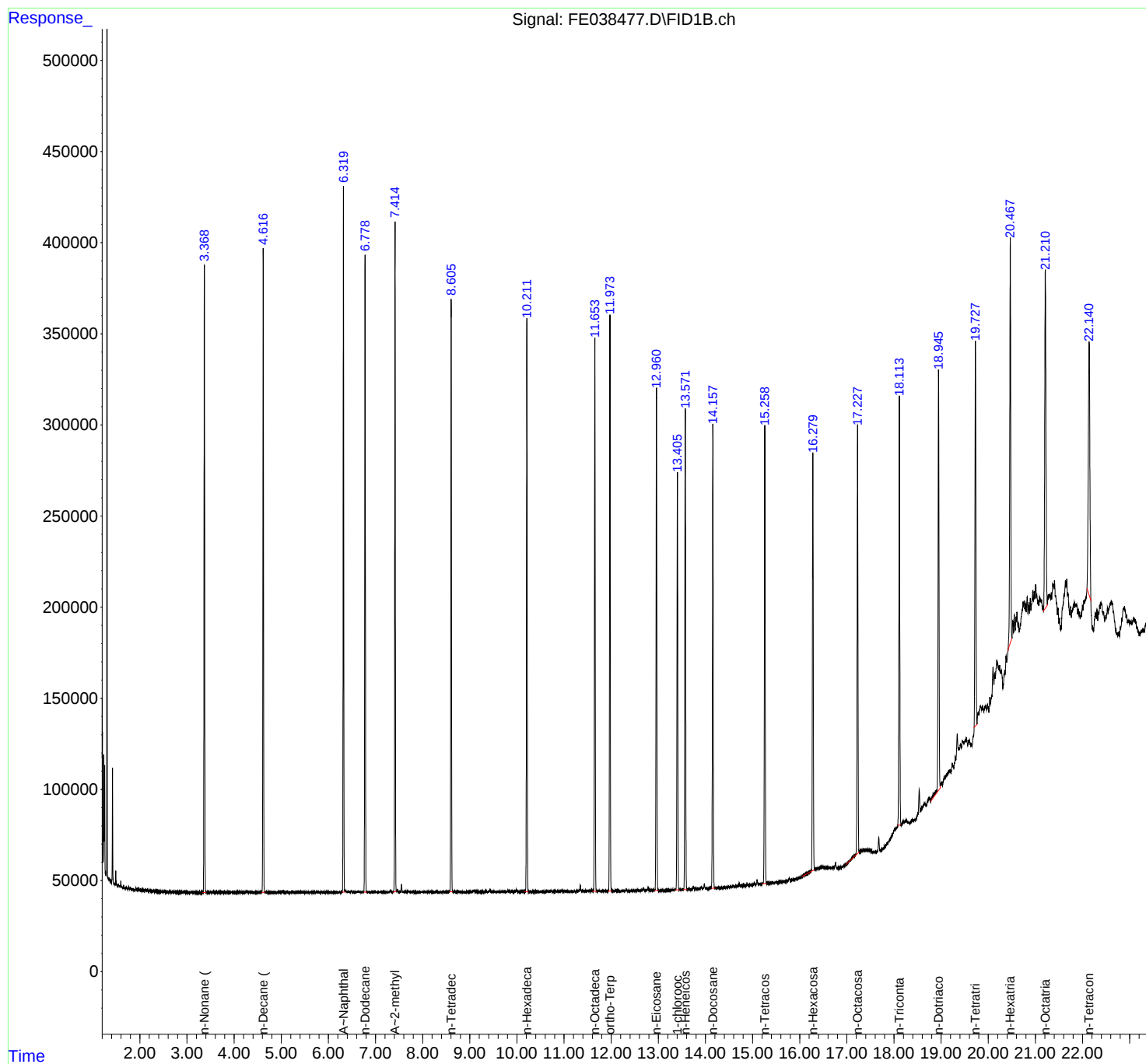
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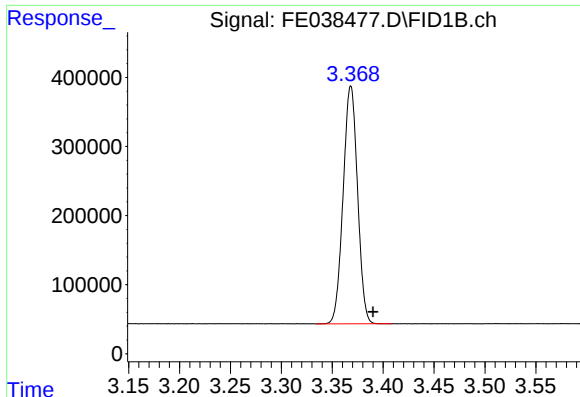
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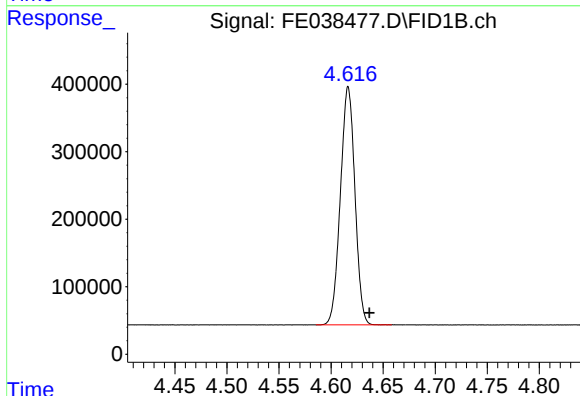
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: -0.022 min
Response: 3390779
Conc: 22.02 ug/ml

Instrument : FID_E
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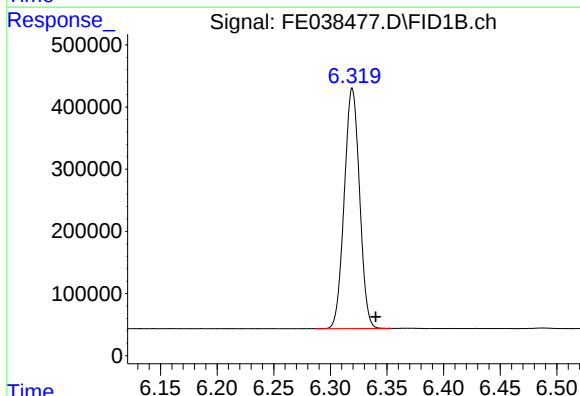
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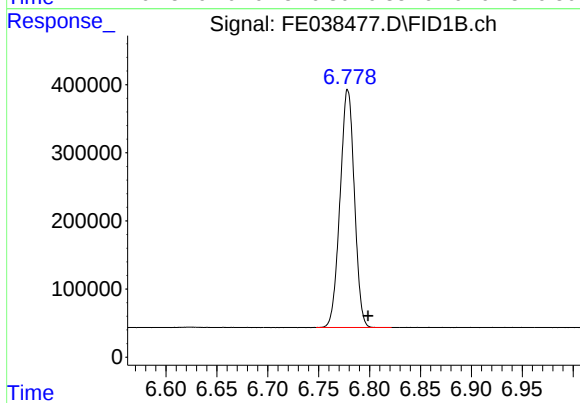
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: -0.020 min
Response: 3424721
Conc: 22.06 ug/ml



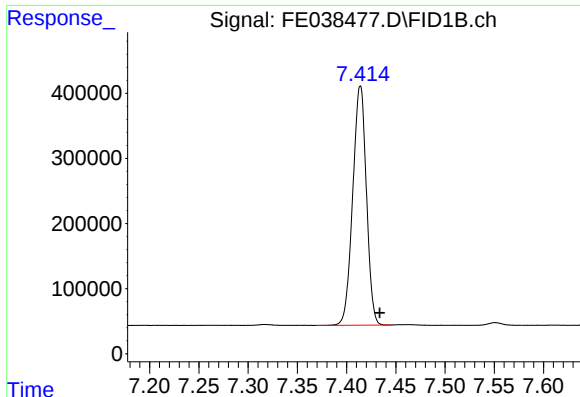
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: -0.021 min
Response: 3638317
Conc: 21.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.779 min
Delta R.T.: -0.020 min
Response: 3425883
Conc: 21.93 ug/ml



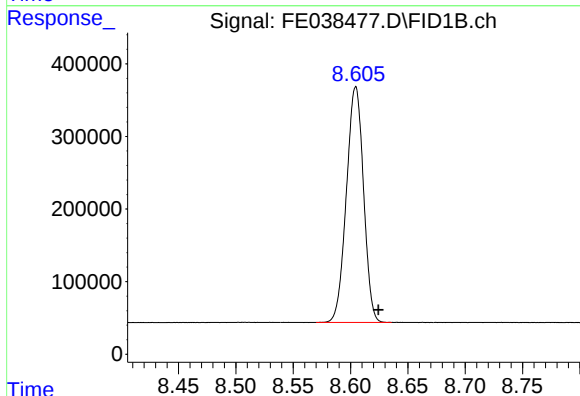
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.414 min
Delta R.T.: -0.019 min
Response: 3547765
Conc: 21.17 ug/ml

Instrument :
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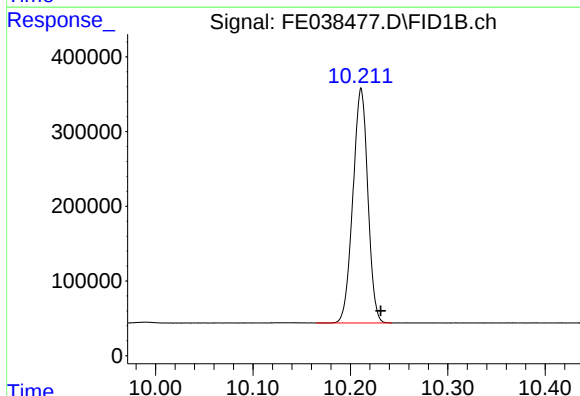
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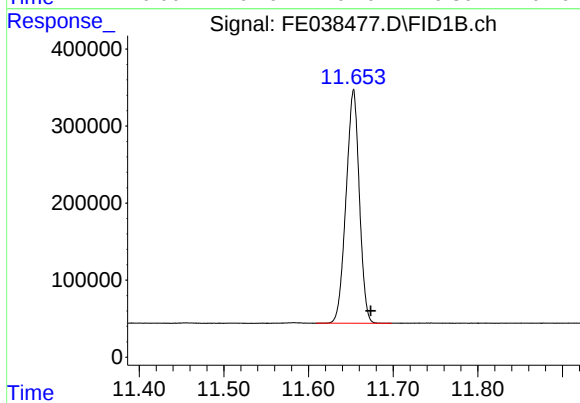
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.020 min
Response: 3377869
Conc: 21.60 ug/ml



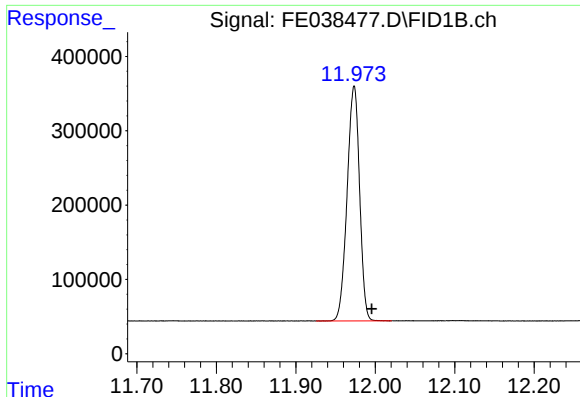
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: -0.020 min
Response: 3346531
Conc: 21.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: -0.020 min
Response: 3307695
Conc: 20.65 ug/ml



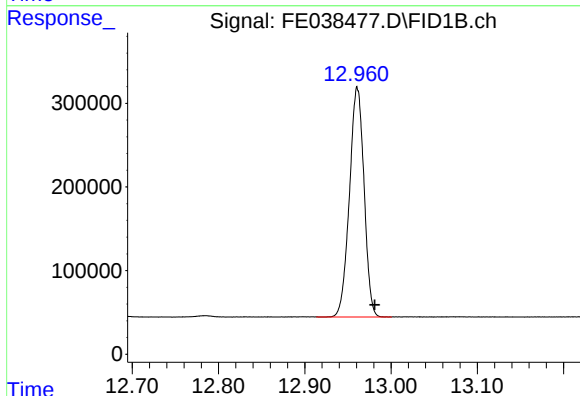
#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: -0.022 min
Response: 3443803
Conc: 20.01 ug/ml

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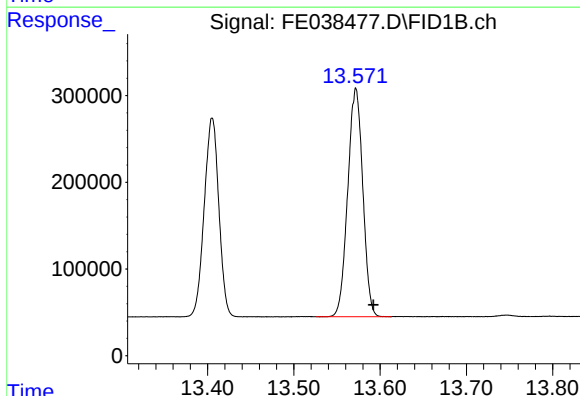
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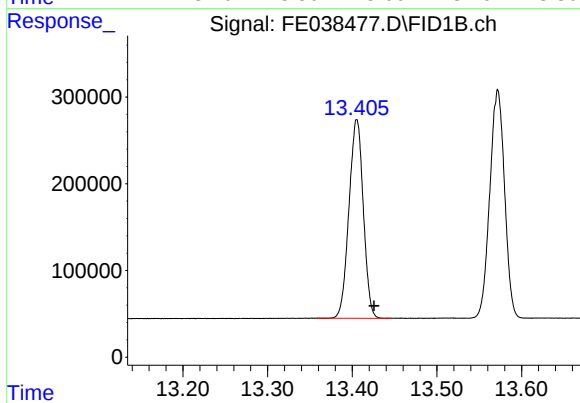
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: -0.020 min
Response: 3230096
Conc: 20.05 ug/ml



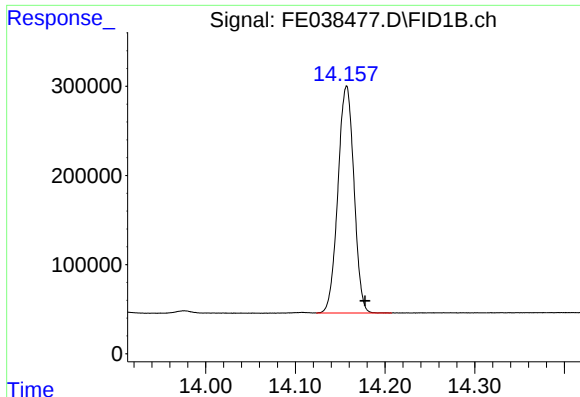
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.020 min
Response: 3194770
Conc: 19.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.405 min
Delta R.T.: -0.020 min
Response: 2697046
Conc: 19.70 ug/ml



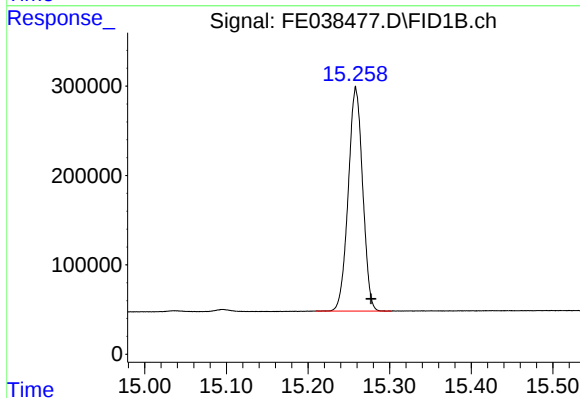
#13 n-Docosane (C22)

R.T.: 14.157 min
Delta R.T.: -0.020 min
Response: 3159005
Conc: 19.57 ug/ml

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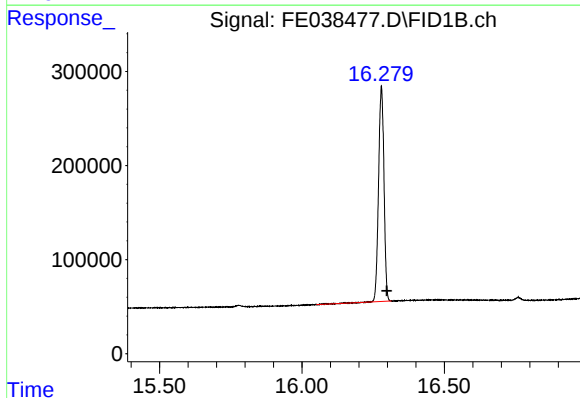
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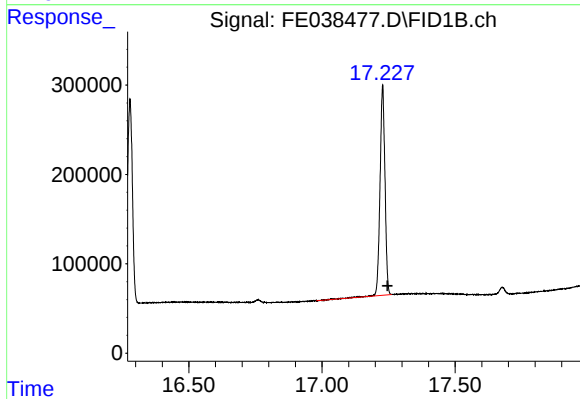
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: -0.019 min
Response: 3075689
Conc: 19.18 ug/ml



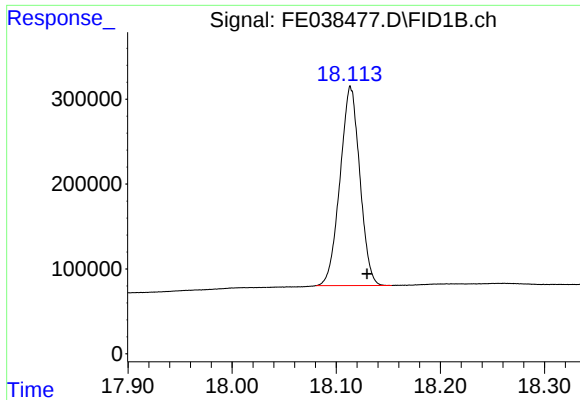
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: -0.019 min
Response: 3031720
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.228 min
Delta R.T.: -0.018 min
Response: 3027871
Conc: 19.30 ug/ml



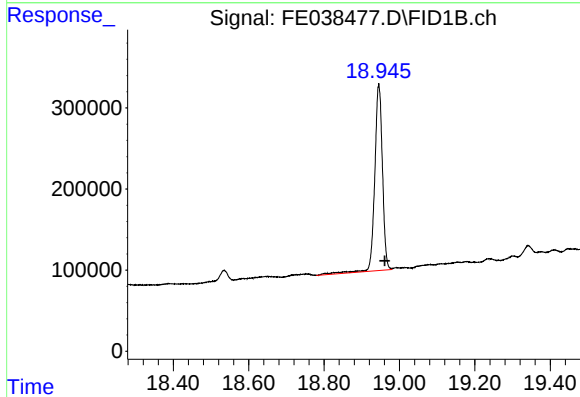
#17 n-Tricontane (C30)

R.T.: 18.114 min
Delta R.T.: -0.016 min
Response: 3098178
Conc: 19.42 ug/ml

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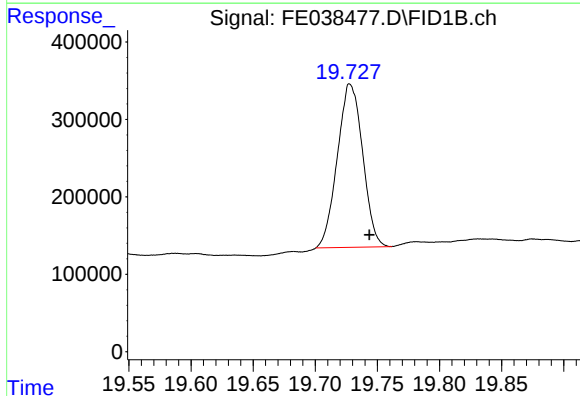
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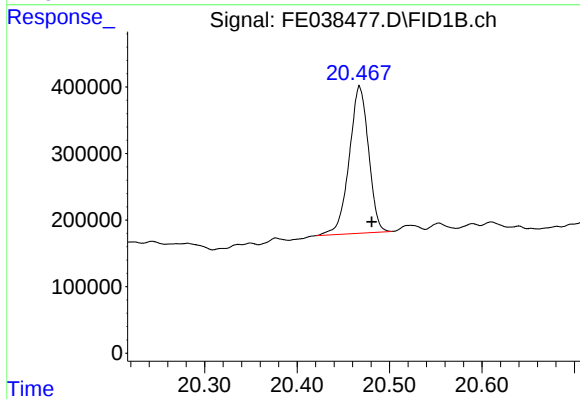
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: -0.016 min
Response: 3277646
Conc: 20.79 ug/ml



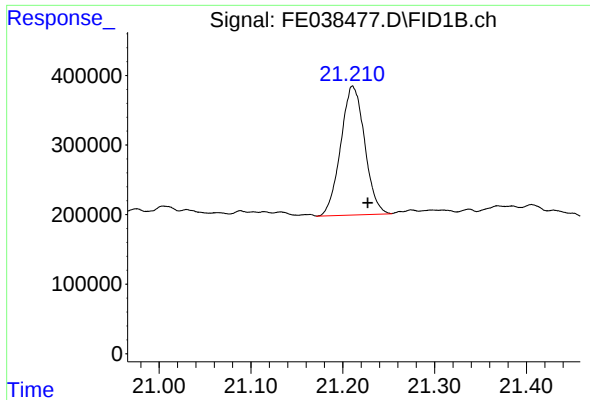
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.015 min
Response: 2991532
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: -0.013 min
Response: 3203396
Conc: 22.42 ug/ml



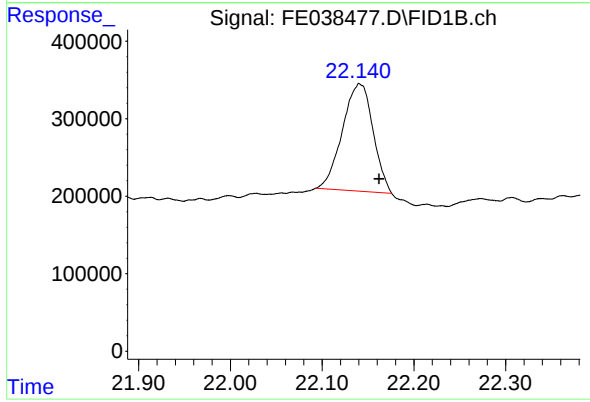
#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: -0.017 min
Response: 3359536
Conc: 24.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: -0.023 min
Response: 3201676
Conc: 25.36 ug/ml m