

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110122AL\
 Data File : FE038497.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2022 20:22
 Operator : YP\AJ
 Sample : N5380-07MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-CMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2022
 Supervised By :Ankita Jodhani 11/02/2022

Integration File: autoint1.e
 Quant Time: Nov 02 07:04:24 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)	11.969	5197705	30.207 ug/ml
Spiked Amount 50.000		Recovery =	60.41%
12) S 1-chlorooctadecane (S...	13.400	4051211	29.592 ug/ml
Spiked Amount 50.000		Recovery =	59.18%
Target Compounds			
1) T n-Nonane (C9)	3.369	5138771	33.366 ug/ml
2) T n-Decane (C10)	4.616	5762903	37.127 ug/mlm
3) T A~Naphthalene (C11.7)	6.317	6562087	38.748 ug/ml
4) T n-Dodecane (C12)	6.777	6480330	41.483 ug/ml
5) T A~2-methylnaphthalene...	7.412	6638964	39.615 ug/ml
6) T n-Tetradecane (C14)	8.604	6716573	42.948 ug/ml
7) T n-Hexadecane (C16)	10.209	6826621	43.209 ug/ml
8) T n-Octadecane (C18)	11.651	6894598	43.043 ug/ml
10) T n-Eicosane (C20)	12.958	6658701	41.326 ug/ml
11) T n-Heneicosane (C21)	13.569	6579240	40.730 ug/ml
13) T n-Docosane (C22)	14.155	6482442	40.154 ug/ml
14) T n-Tetracosane (C24)	15.246	12434293	77.521 ug/ml
15) T n-Hexacosane (C26)	16.278	6230194	39.224 ug/ml
16) T n-Octacosane (C28)	17.224	6176279	39.367 ug/ml
17) T n-Tricontane (C30)	18.112	5953372	37.312 ug/ml
18) T n-Dotriacontane (C32)	18.943	6012868	38.136 ug/ml
19) T n-Tetratriacontane (C34)	19.724	5970279	40.497 ug/mlm
20) T n-Hexatriacontane (C36)	20.463	5850533	40.946 ug/ml
21) T n-Octatriacontane (C38)	21.207	5901881	43.697 ug/ml
22) T n-Tetracontane (C40)	22.131	6317340	50.046 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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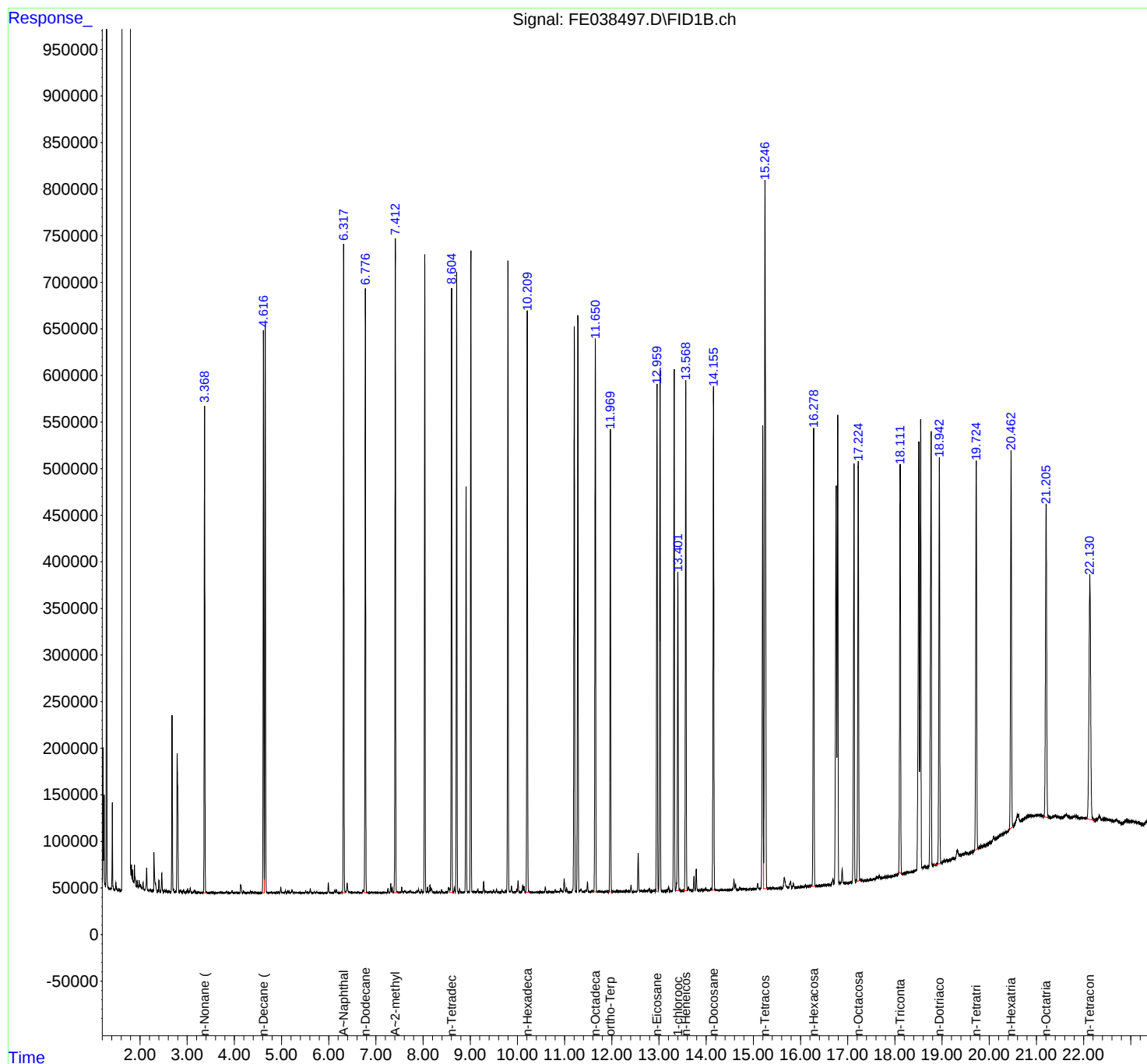
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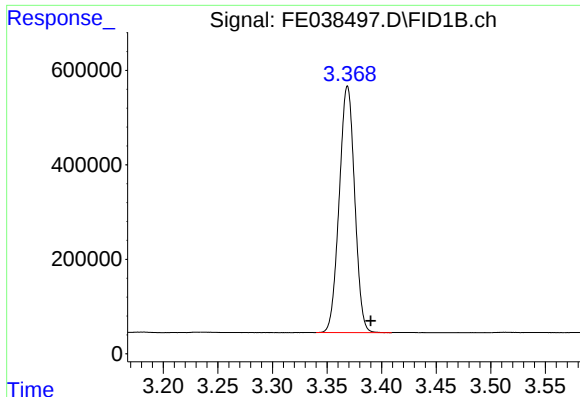
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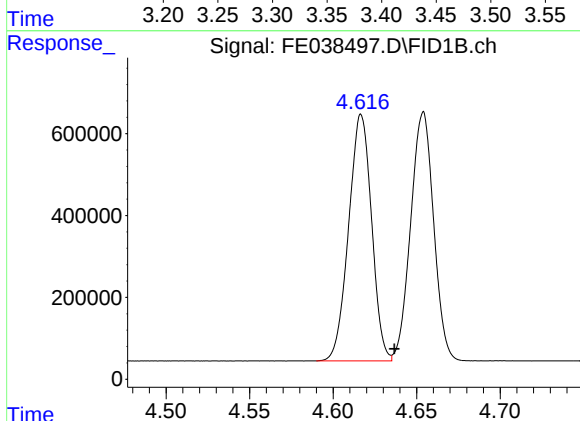
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: -0.021 min
Response: 5138771
Conc: 33.37 ug/ml

Instrument :
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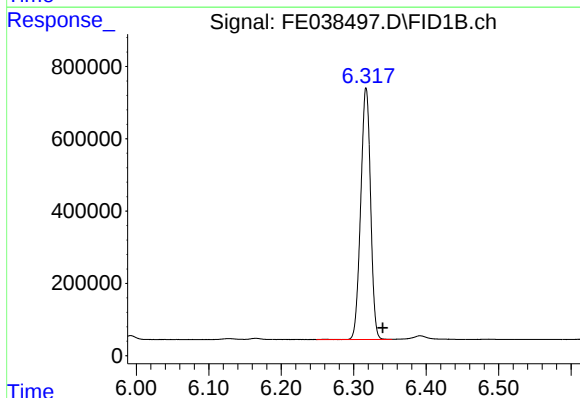
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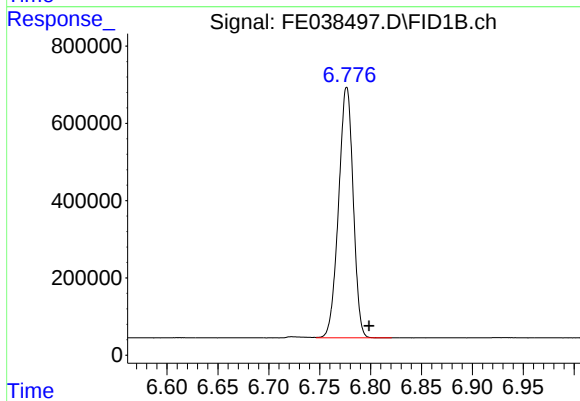
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: -0.021 min
Response: 5762903
Conc: 37.13 ug/ml m



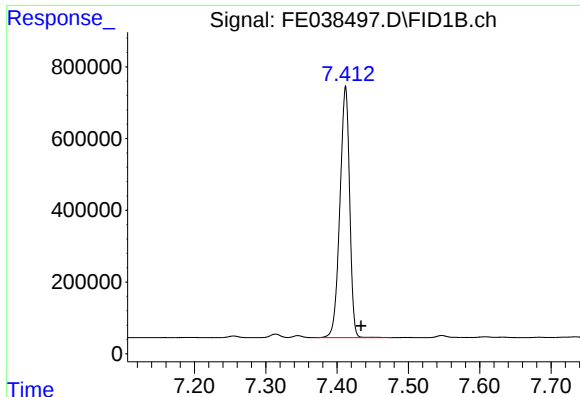
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: -0.023 min
Response: 6562087
Conc: 38.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: -0.022 min
Response: 6480330
Conc: 41.48 ug/ml



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

R.T.: 7.412 min
Delta R.T.: -0.022 min
Response: 6638964
Conc: 39.62 ug/ml

Instrument :

FID_E

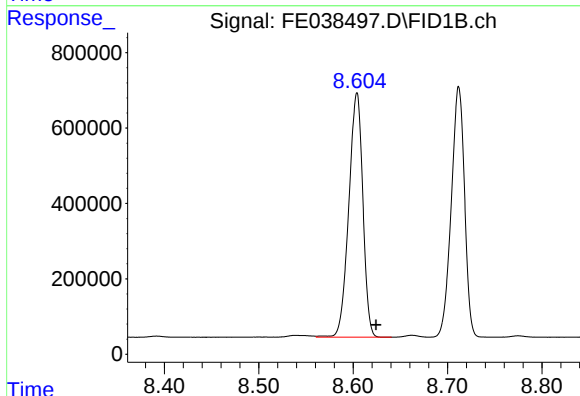
ClientSampleId :

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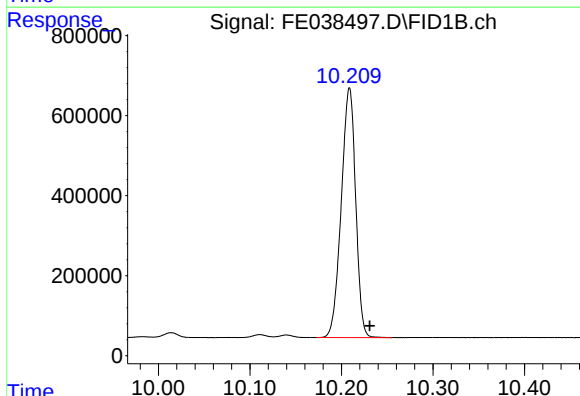
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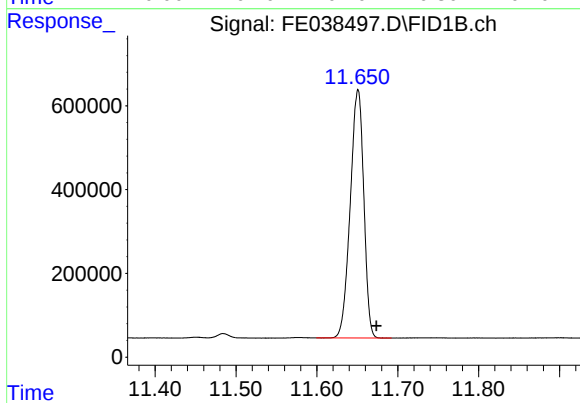
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.020 min
Response: 6716573
Conc: 42.95 ug/ml



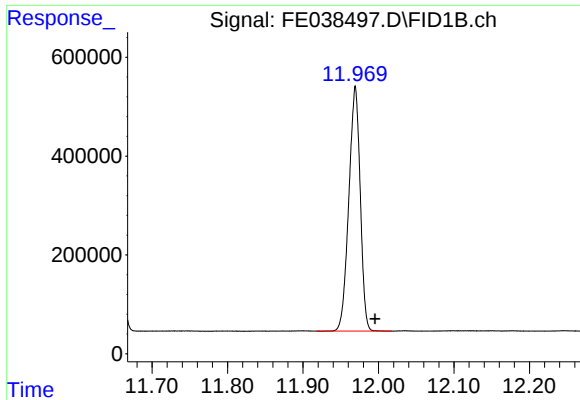
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: -0.022 min
Response: 6826621
Conc: 43.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: -0.022 min
Response: 6894598
Conc: 43.04 ug/ml



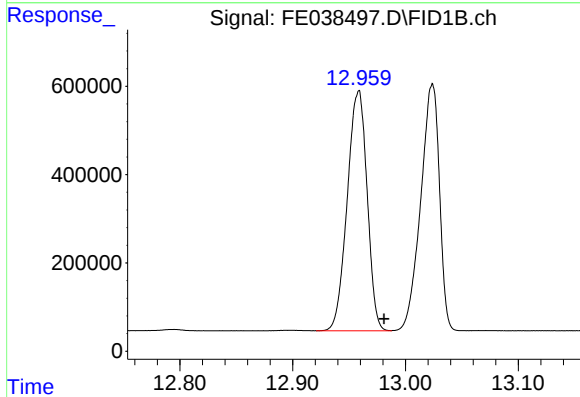
#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: -0.026 min
Response: 5197705
Conc: 30.21 ug/ml

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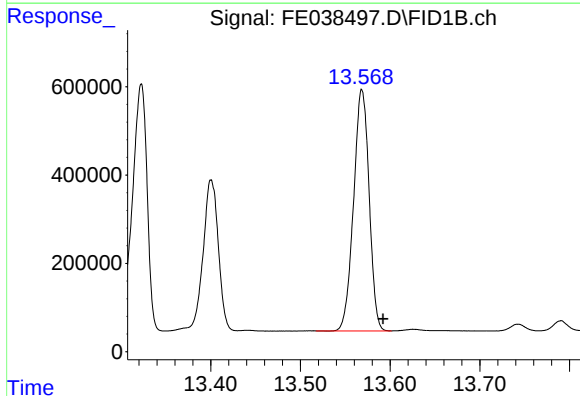
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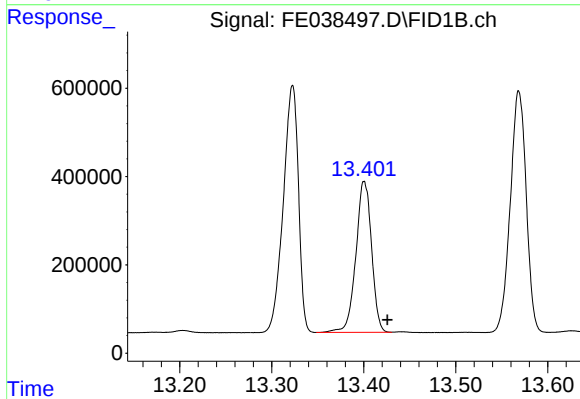
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.023 min
Response: 6658701
Conc: 41.33 ug/ml



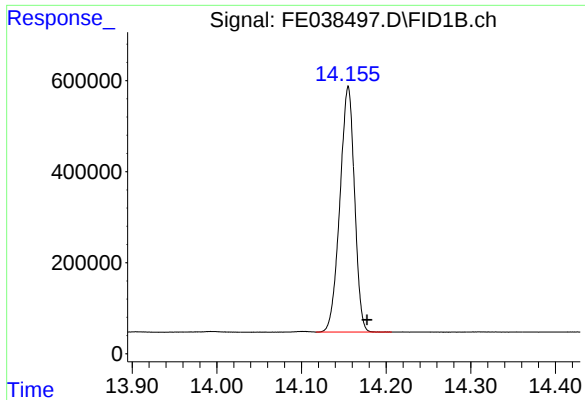
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.023 min
Response: 6579240
Conc: 40.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.400 min
Delta R.T.: -0.025 min
Response: 4051211
Conc: 29.59 ug/ml



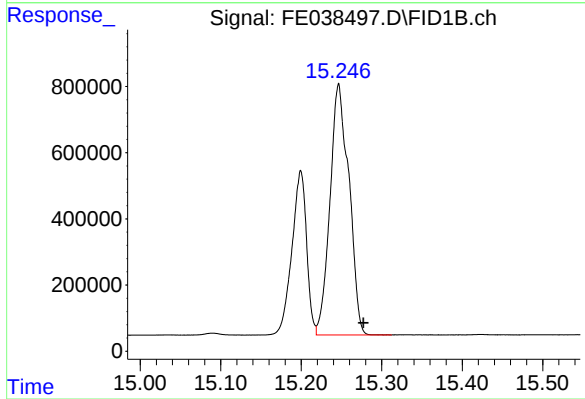
#13 n-Docosane (C22)

R.T.: 14.155 min
Delta R.T.: -0.022 min
Response: 6482442
Conc: 40.15 ug/ml

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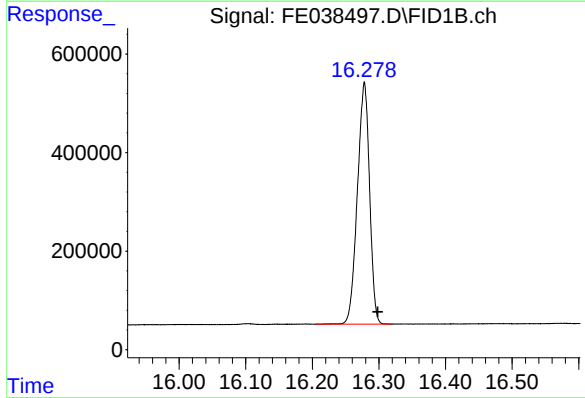
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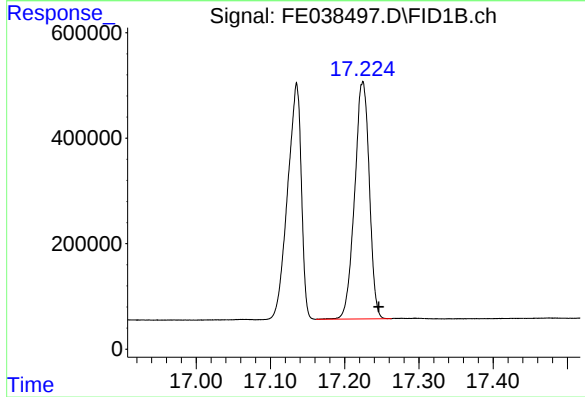
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.031 min
Response: 12434293
Conc: 77.52 ug/ml



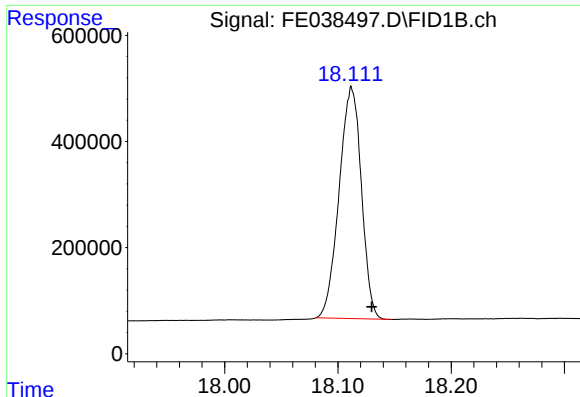
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: -0.020 min
Response: 6230194
Conc: 39.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.022 min
Response: 6176279
Conc: 39.37 ug/ml



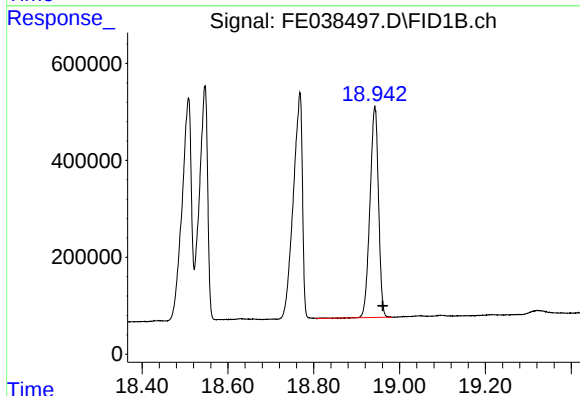
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.018 min
Response: 5953372
Conc: 37.31 ug/ml

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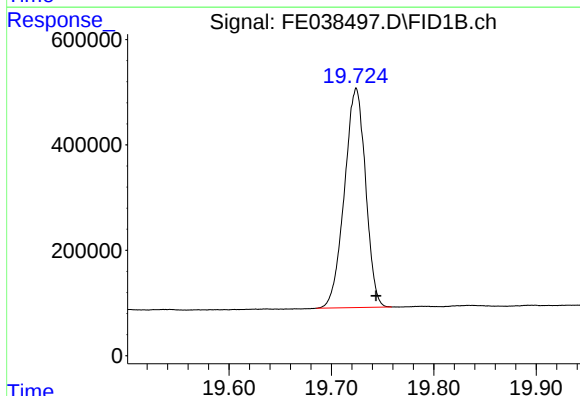
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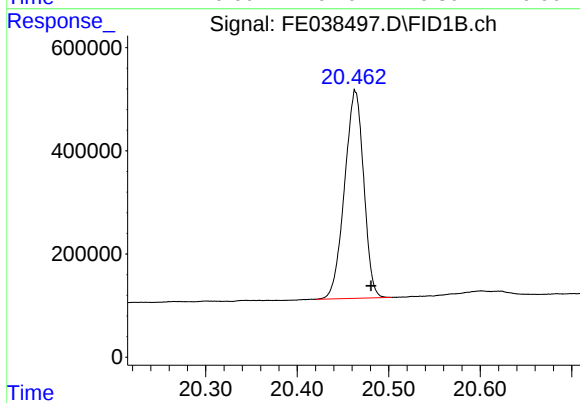
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.019 min
Response: 6012868
Conc: 38.14 ug/ml



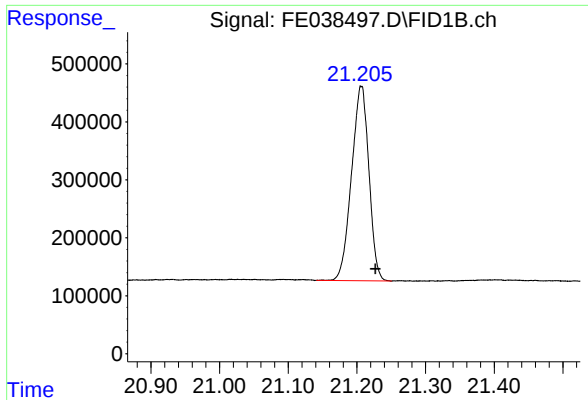
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.020 min
Response: 5970279
Conc: 40.50 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: -0.017 min
Response: 5850533
Conc: 40.95 ug/ml



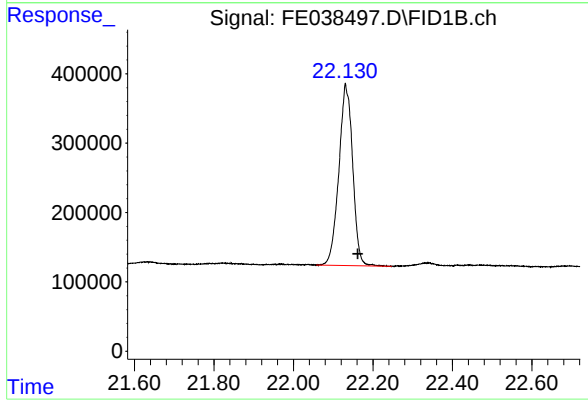
#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.021 min
Response: 5901881
Conc: 43.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: -0.031 min
Response: 6317340
Conc: 50.05 ug/ml