

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111022AL\
 Data File : FE038714.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 16:12
 Operator : YP\AJ
 Sample : N5360-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20221114-COMP-13MSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Nov 11 03:46:03 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)	11.963	4760741	27.667 ug/ml
Spiked Amount 50.000		Recovery =	55.33%
12) S 1-chlorooctadecane (S...	13.396	3745431	27.359 ug/ml
Spiked Amount 50.000		Recovery =	54.72%
Target Compounds			
1) T n-Nonane (C9)	3.377	6606275	42.894 ug/ml
2) T n-Decane (C10)	4.617	6799335	43.804 ug/mlm
3) T A~Naphthalene (C11.7)	6.315	7377738	43.564 ug/ml
4) T n-Dodecane (C12)	6.772	7035308	45.036 ug/ml
5) T A~2-methylnaphthalene...	7.408	7145949	42.641 ug/ml
6) T n-Tetradecane (C14)	8.598	6998513	44.751 ug/ml
7) T n-Hexadecane (C16)	10.203	6991048	44.250 ug/ml
8) T n-Octadecane (C18)	11.645	7063053	44.095 ug/ml
10) T n-Eicosane (C20)	12.954	6856911	42.556 ug/ml
11) T n-Heneicosane (C21)	13.565	6966432	43.127 ug/ml
13) T n-Docosane (C22)	14.151	6765518	41.907 ug/ml
14) T n-Tetracosane (C24)	15.246	13441758	83.802 ug/ml
15) T n-Hexacosane (C26)	16.275	6698122	42.170 ug/ml
16) T n-Octacosane (C28)	17.222	6739878	42.959 ug/mlm
17) T n-Tricontane (C30)	18.113	6659324	41.736 ug/mlm
18) T n-Dotriacontane (C32)	18.941	6766037	42.913 ug/ml
19) T n-Tetratriacontane (C34)	19.725	6561351	44.506 ug/mlm
20) T n-Hexatriacontane (C36)	20.464	5958626	41.702 ug/ml
21) T n-Octatriacontane (C38)	21.206	5429488	40.199 ug/ml
22) T n-Tetracontane (C40)	22.132	5101297	40.413 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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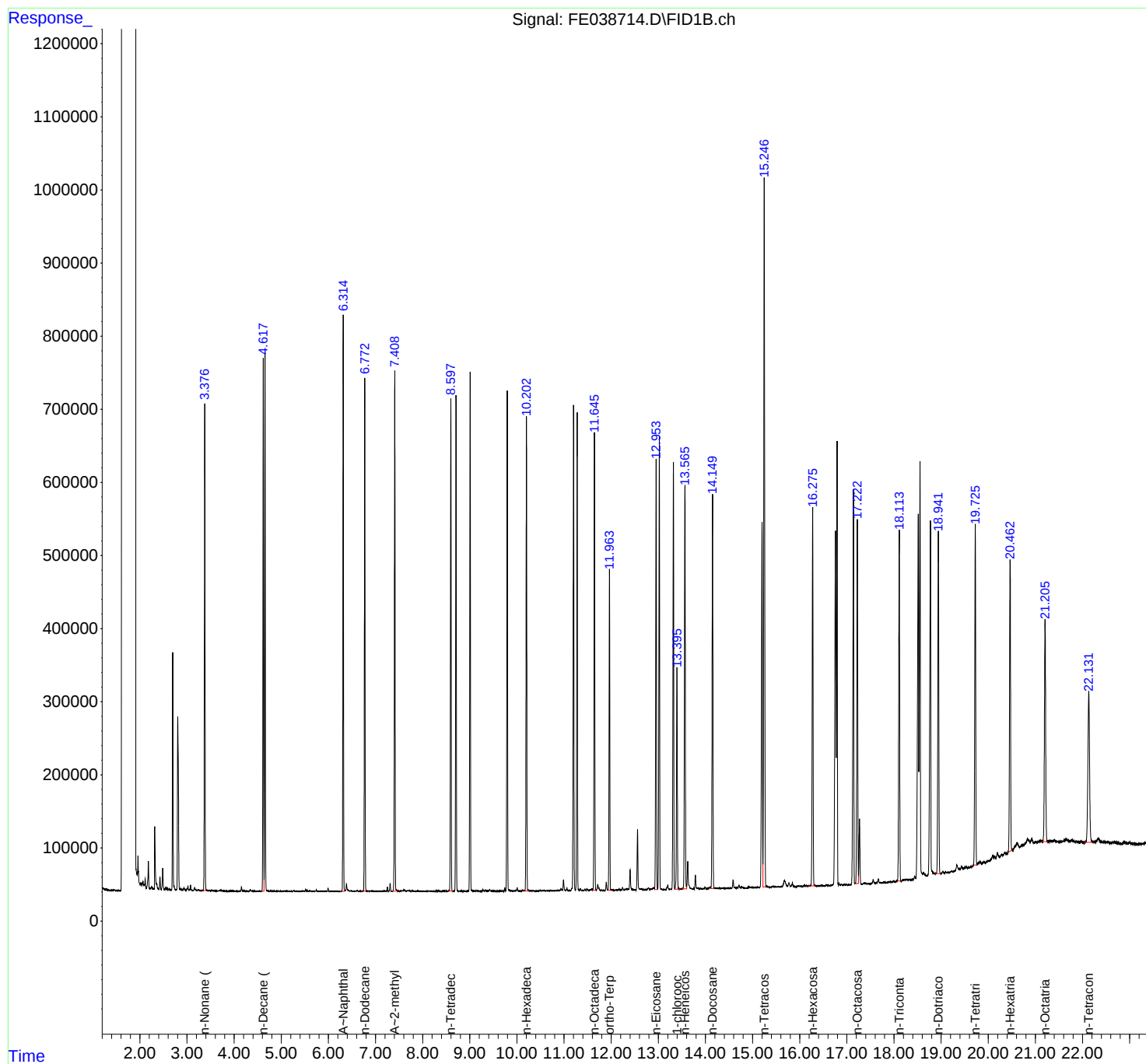
Instrument :
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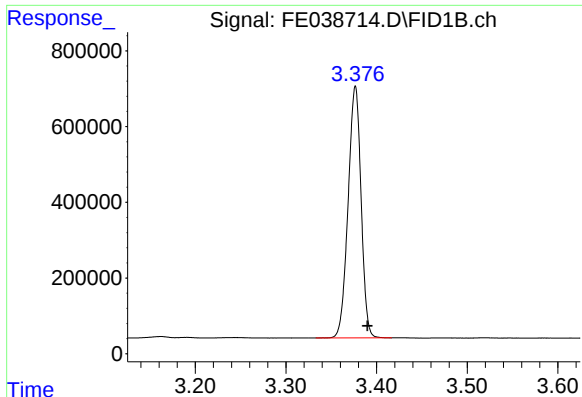
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#1 n-Nonane (C9)

R.T.: 3.377 min
Delta R.T.: -0.013 min
Response: 6606275
Conc: 42.89 ug/ml

Instrument :

FID_E

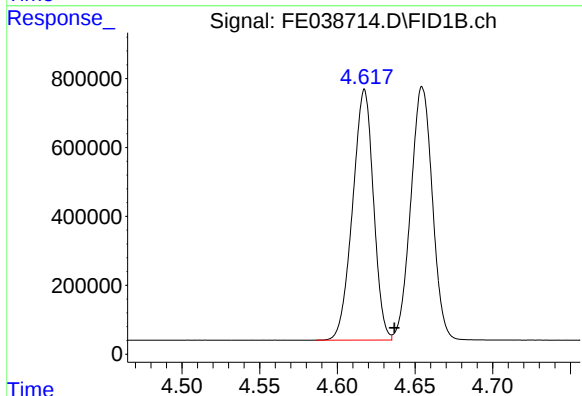
ClientSampleId :

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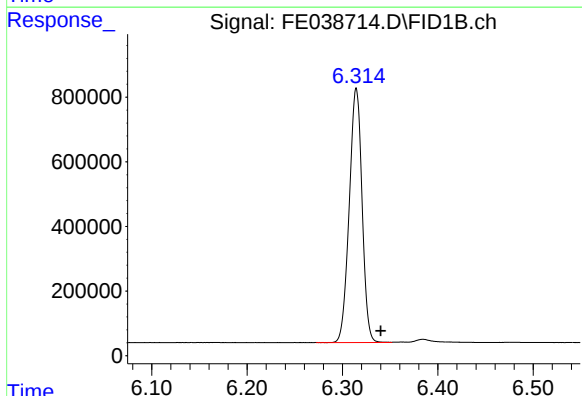
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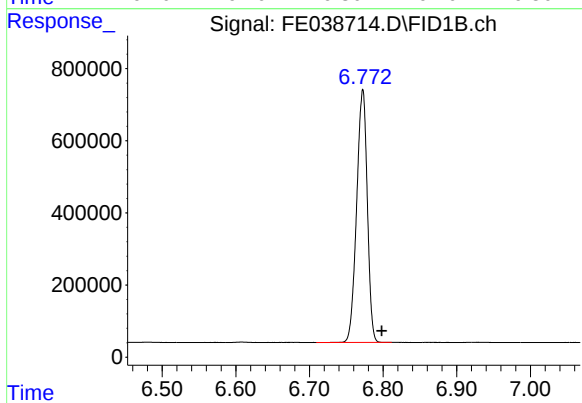
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: -0.020 min
Response: 6799335
Conc: 43.80 ug/ml m



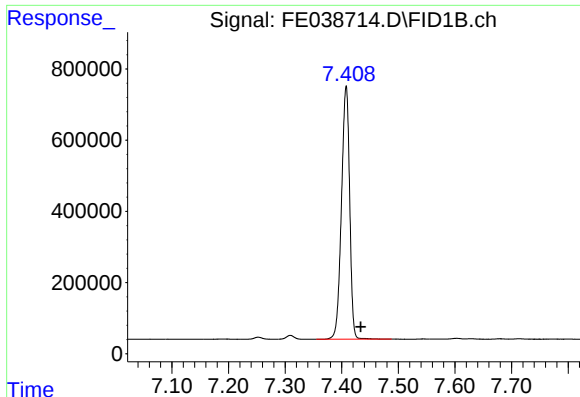
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: -0.026 min
Response: 7377738
Conc: 43.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.026 min
Response: 7035308
Conc: 45.04 ug/ml



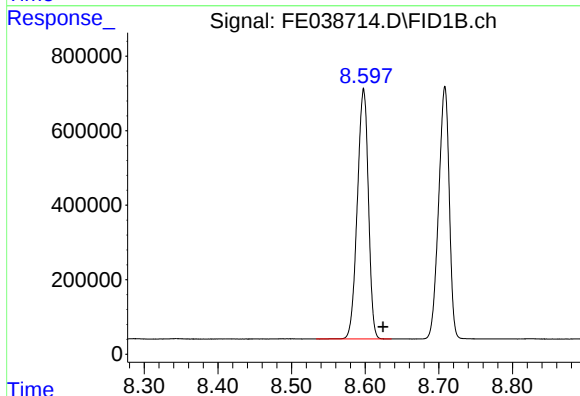
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: -0.026 min
Response: 7145949
Conc: 42.64 ug/ml

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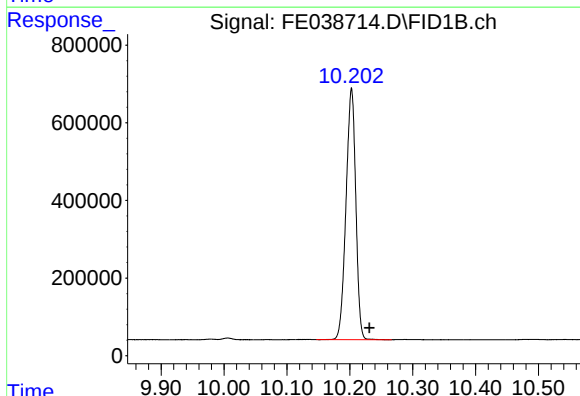
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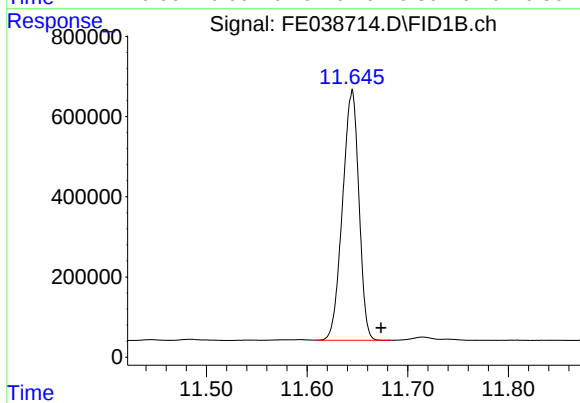
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.026 min
Response: 6998513
Conc: 44.75 ug/ml



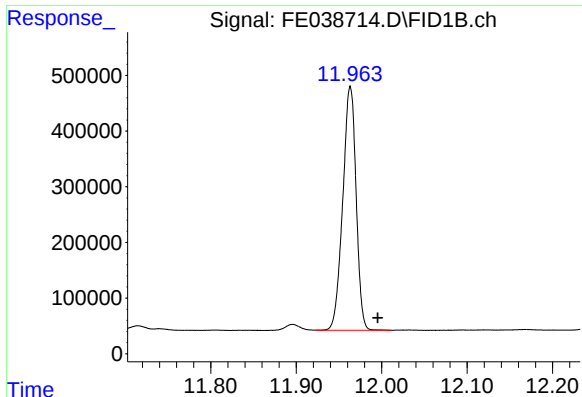
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.028 min
Response: 6991048
Conc: 44.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.029 min
Response: 7063053
Conc: 44.09 ug/ml



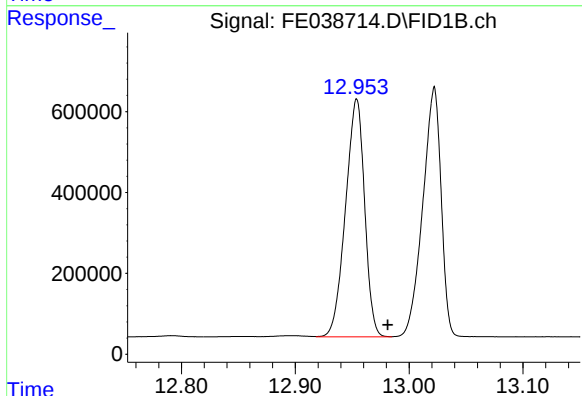
#9 ortho-Terphenyl (SURR)

R.T.: 11.963 min
Delta R.T.: -0.032 min
Response: 4760741
Conc: 27.67 ug/ml

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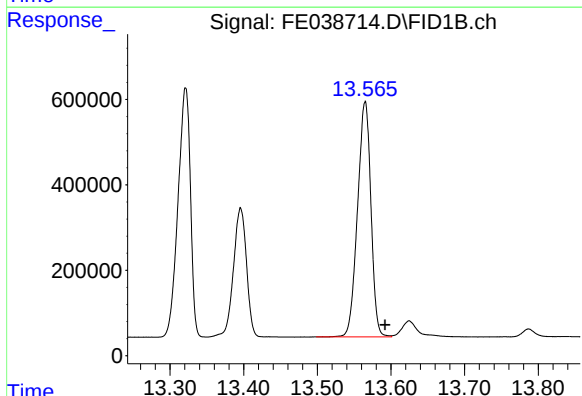
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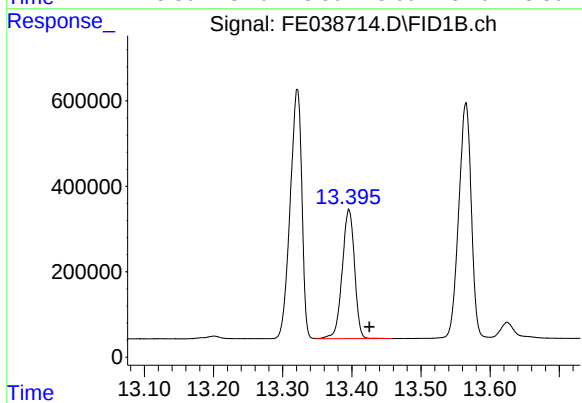
#10 n-Eicosane (C20)

R.T.: 12.954 min
Delta R.T.: -0.027 min
Response: 6856911
Conc: 42.56 ug/ml



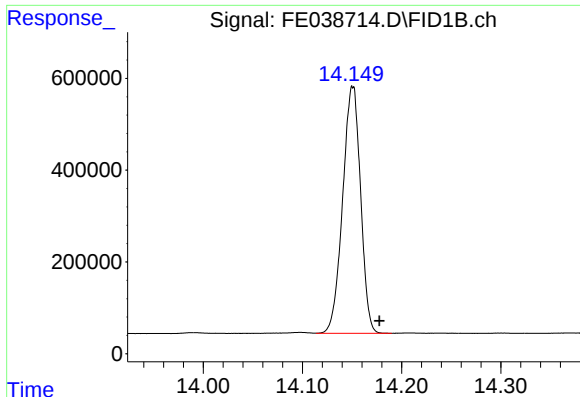
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.027 min
Response: 6966432
Conc: 43.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.396 min
Delta R.T.: -0.030 min
Response: 3745431
Conc: 27.36 ug/ml



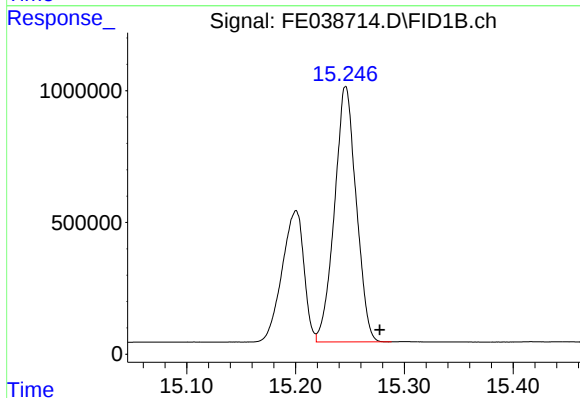
#13 n-Docosane (C22)

R.T.: 14.151 min
Delta R.T.: -0.027 min
Response: 6765518
Conc: 41.91 ug/ml

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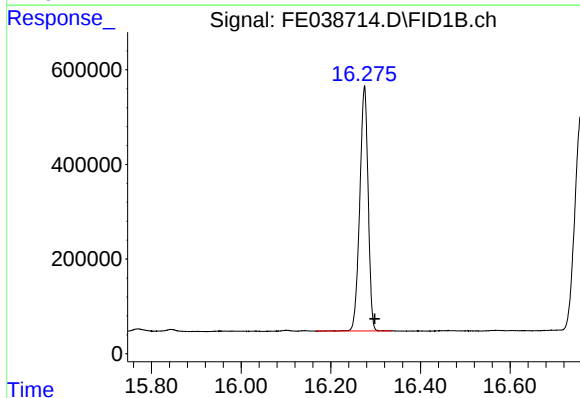
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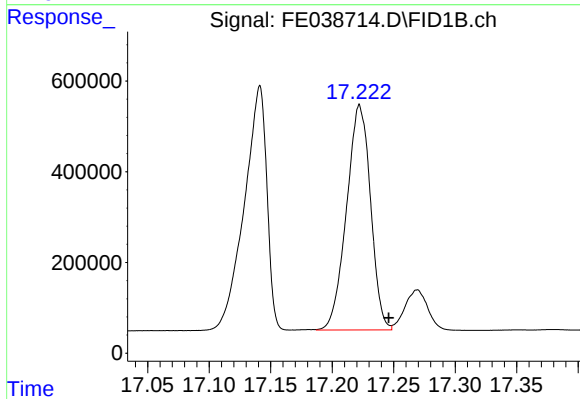
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.031 min
Response: 13441758
Conc: 83.80 ug/ml



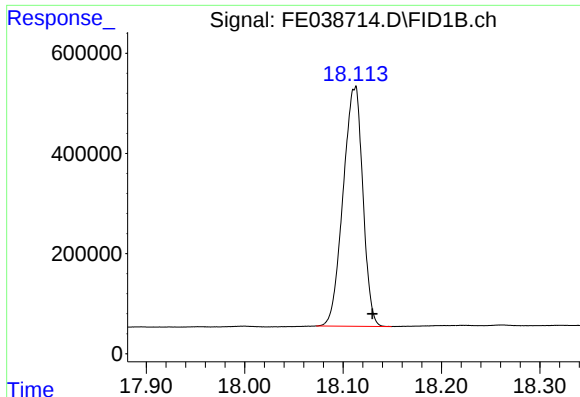
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.023 min
Response: 6698122
Conc: 42.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.222 min
Delta R.T.: -0.024 min
Response: 6739878
Conc: 42.96 ug/ml m



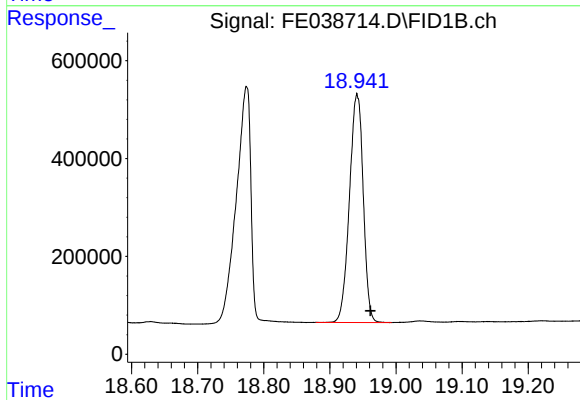
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: -0.017 min
Response: 6659324
Conc: 41.74 ug/ml

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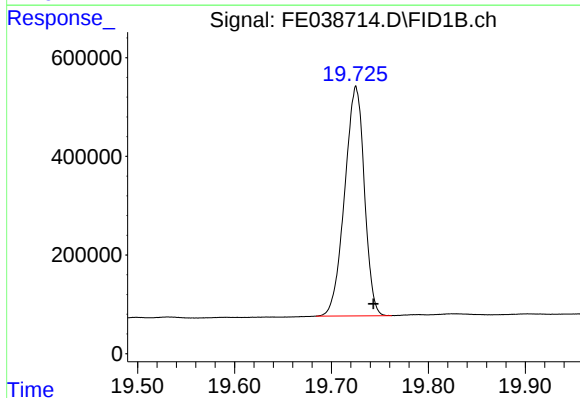
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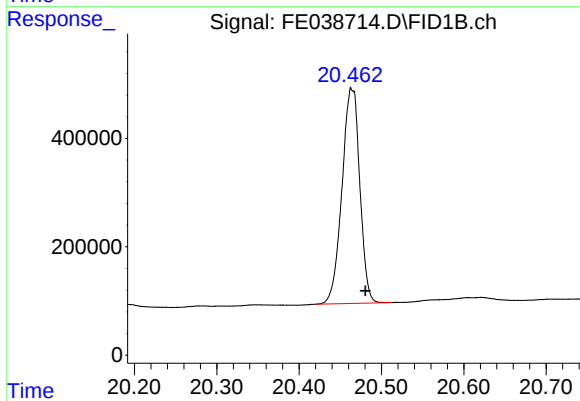
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.020 min
Response: 6766037
Conc: 42.91 ug/ml



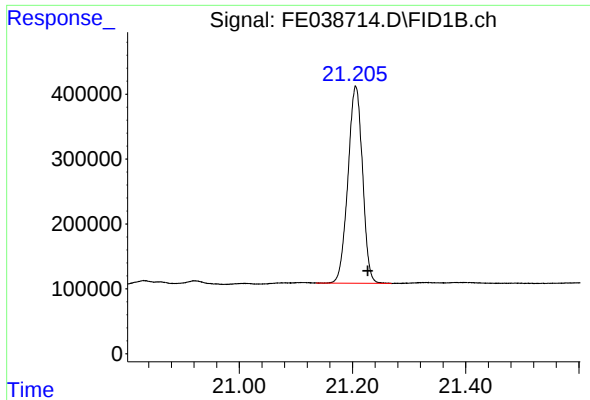
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.019 min
Response: 6561351
Conc: 44.51 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: -0.017 min
Response: 5958626
Conc: 41.70 ug/ml



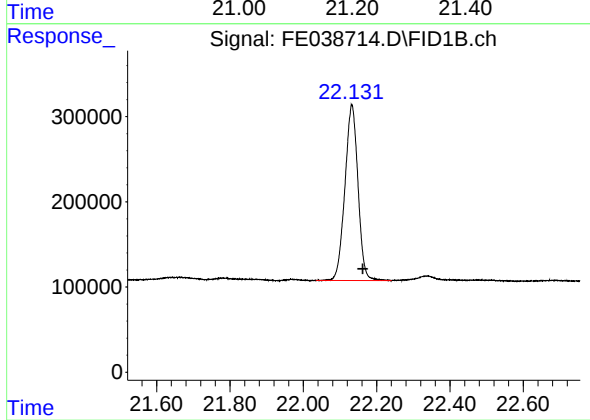
#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.021 min
Response: 5429488
Conc: 40.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.030 min
Response: 5101297
Conc: 40.41 ug/ml