

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111022AL\
 Data File : FE038713.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 15:41
 Operator : YP\AJ
 Sample : N5360-03MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20221114-COMP-13MS

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 03:45:55 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)	11.964	4744691	27.574 ug/ml
Spiked Amount 50.000		Recovery =	55.15%
12) S 1-chlorooctadecane (S...	13.397	3731701	27.258 ug/ml
Spiked Amount 50.000		Recovery =	54.52%
Target Compounds			
1) T n-Nonane (C9)	3.377	6572573	42.676 ug/ml
2) T n-Decane (C10)	4.617	6767526	43.599 ug/mlm
3) T A~Naphthalene (C11.7)	6.316	7358642	43.452 ug/ml
4) T n-Dodecane (C12)	6.773	7013460	44.896 ug/ml
5) T A~2-methylnaphthalene...	7.408	7127668	42.532 ug/ml
6) T n-Tetradecane (C14)	8.598	6986033	44.671 ug/ml
7) T n-Hexadecane (C16)	10.203	6984068	44.206 ug/ml
8) T n-Octadecane (C18)	11.645	7050125	44.014 ug/ml
10) T n-Eicosane (C20)	12.954	6843314	42.472 ug/ml
11) T n-Heneicosane (C21)	13.565	6937343	42.947 ug/ml
13) T n-Docosane (C22)	14.151	6746682	41.790 ug/ml
14) T n-Tetracosane (C24)	15.247	13359390	83.289 ug/ml
15) T n-Hexacosane (C26)	16.275	6677381	42.040 ug/ml
16) T n-Octacosane (C28)	17.223	6756924	43.068 ug/ml
17) T n-Tricontane (C30)	18.112	6604485	41.392 ug/mlm
18) T n-Dotriacontane (C32)	18.942	6764803	42.905 ug/ml
19) T n-Tetratriacontane (C34)	19.724	6583543	44.657 ug/mlm
20) T n-Hexatriacontane (C36)	20.463	6094591	42.654 ug/ml
21) T n-Octatriacontane (C38)	21.206	5598265	41.449 ug/ml
22) T n-Tetracontane (C40)	22.131	5282351	41.847 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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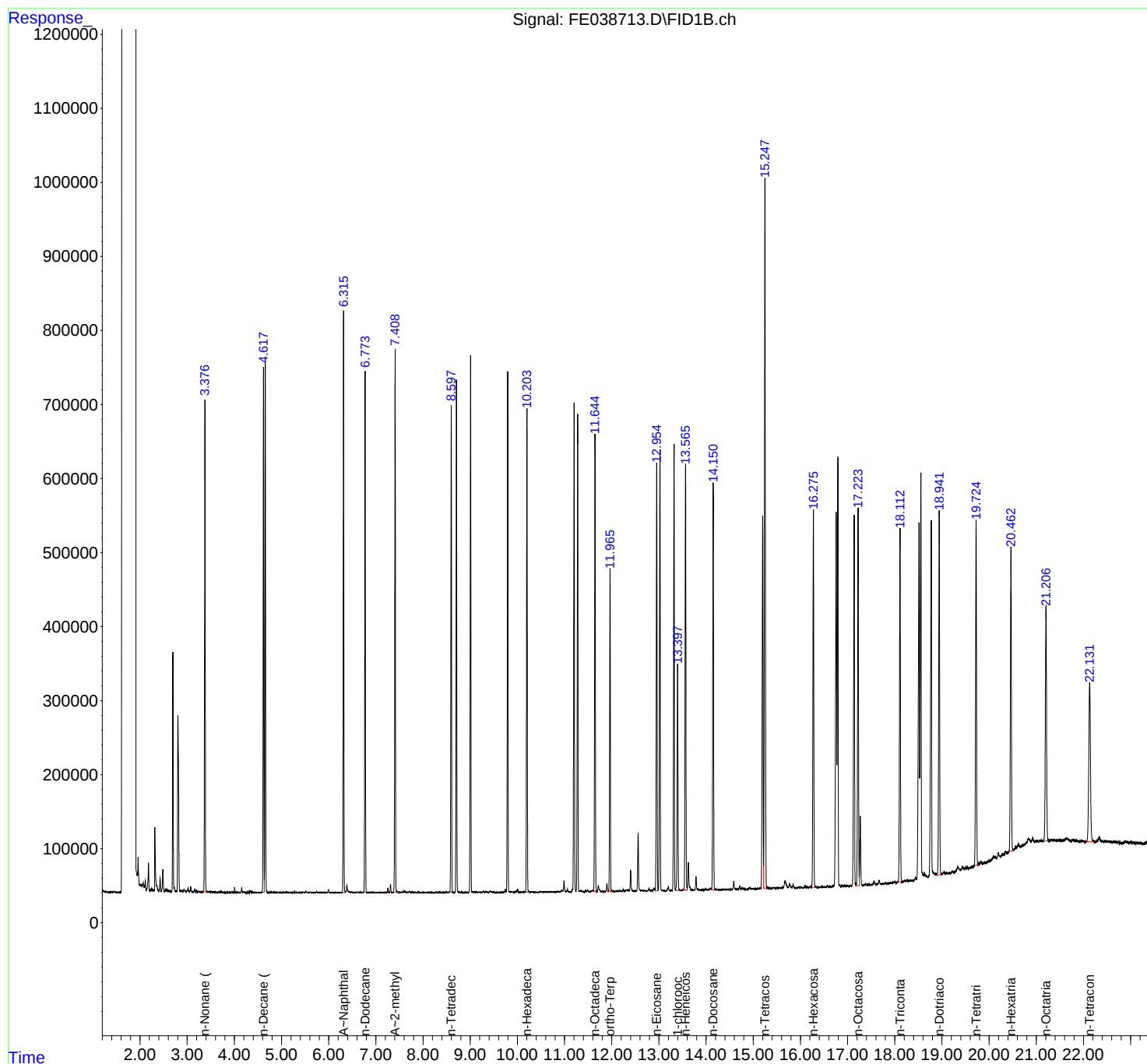
Instrument :
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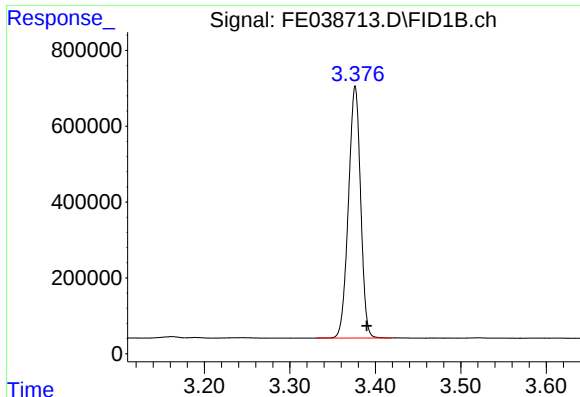
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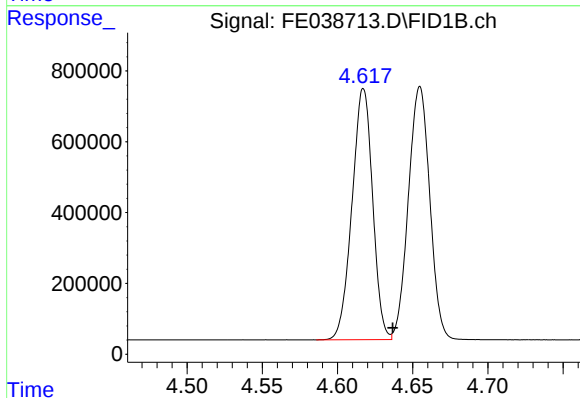
#1 n-Nonane (C9)

R.T.: 3.377 min
Delta R.T.: -0.014 min
Response: 6572573
Conc: 42.68 ug/ml

Instrument :
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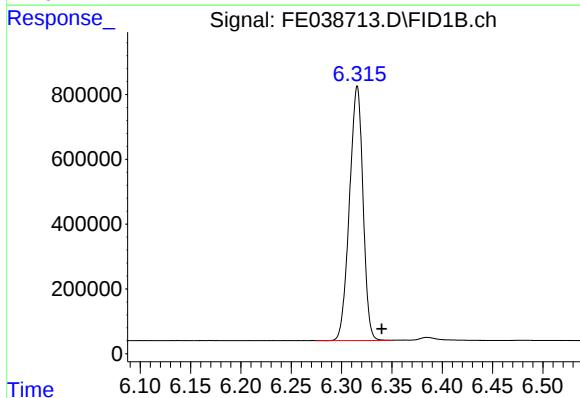
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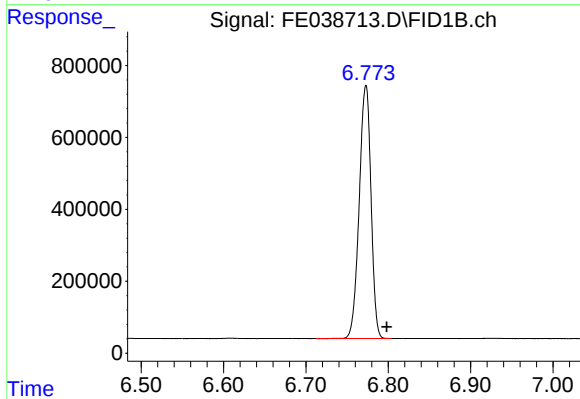
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: -0.020 min
Response: 6767526
Conc: 43.60 ug/ml m



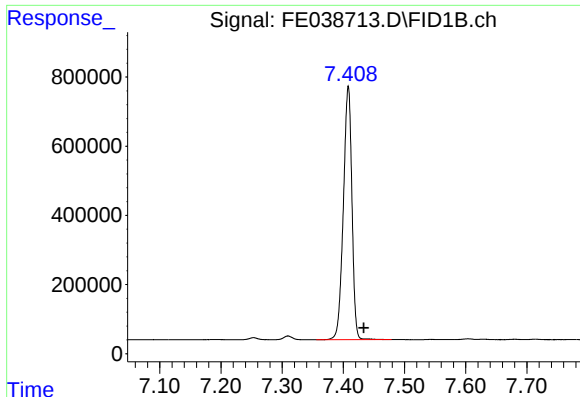
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: -0.024 min
Response: 7358642
Conc: 43.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: -0.025 min
Response: 7013460
Conc: 44.90 ug/ml



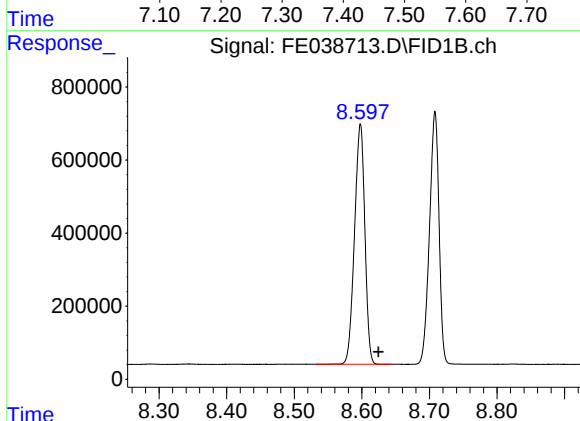
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: -0.025 min
Response: 7127668
Conc: 42.53 ug/ml

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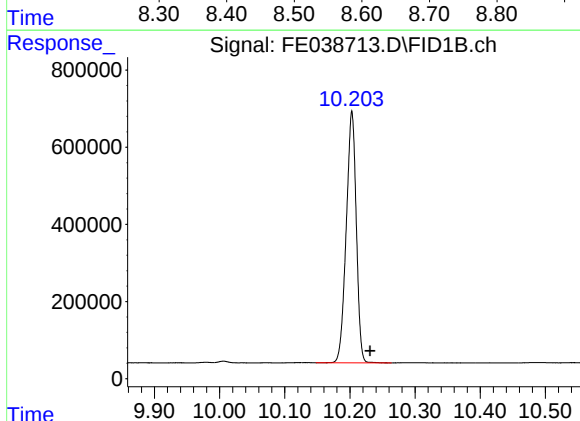
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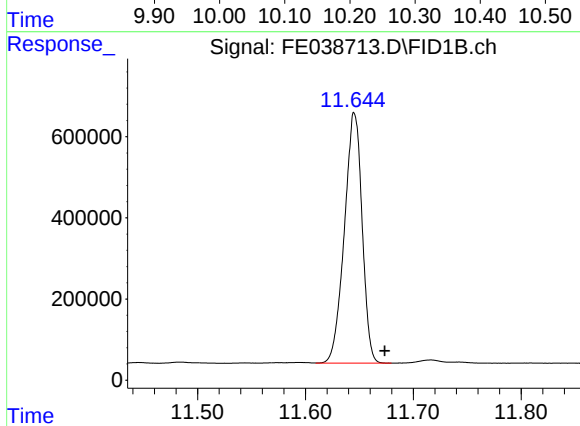
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.026 min
Response: 6986033
Conc: 44.67 ug/ml



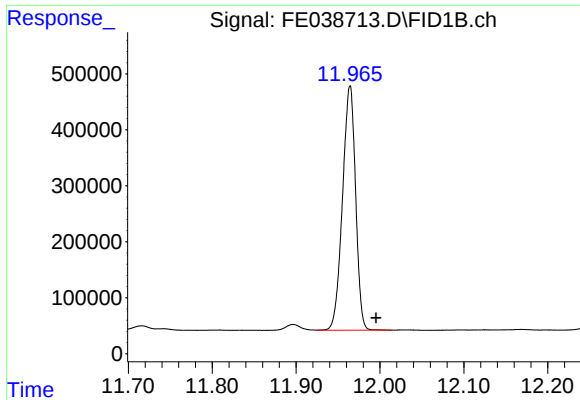
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.028 min
Response: 6984068
Conc: 44.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.028 min
Response: 7050125
Conc: 44.01 ug/ml



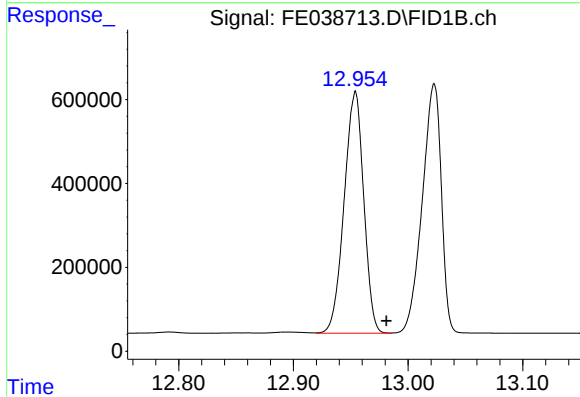
#9 ortho-Terphenyl (SURR)

R.T.: 11.964 min
Delta R.T.: -0.031 min
Response: 4744691
Conc: 27.57 ug/ml

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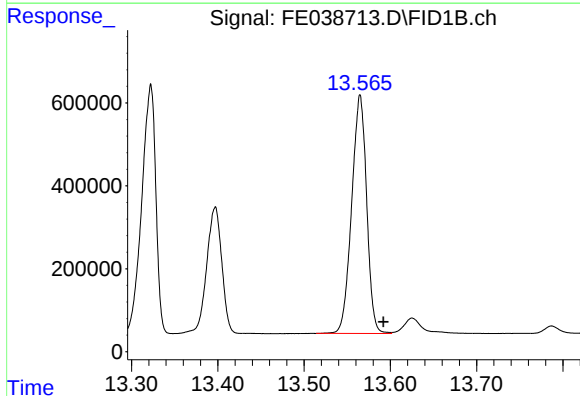
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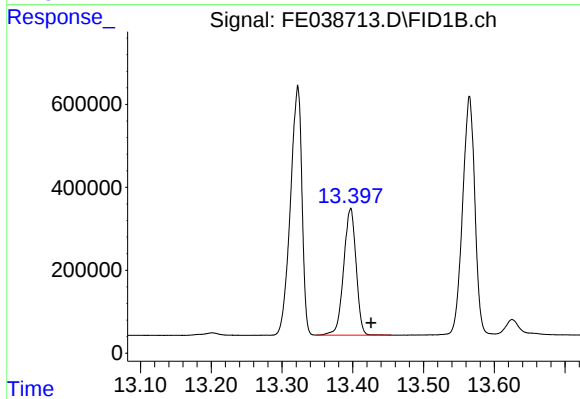
#10 n-Eicosane (C20)

R.T.: 12.954 min
Delta R.T.: -0.027 min
Response: 6843314
Conc: 42.47 ug/ml



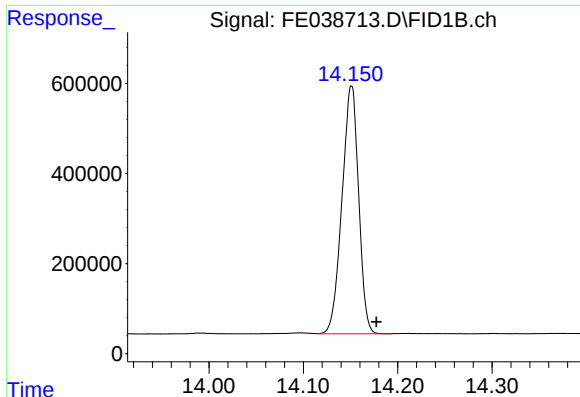
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.027 min
Response: 6937343
Conc: 42.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min
Delta R.T.: -0.029 min
Response: 3731701
Conc: 27.26 ug/ml



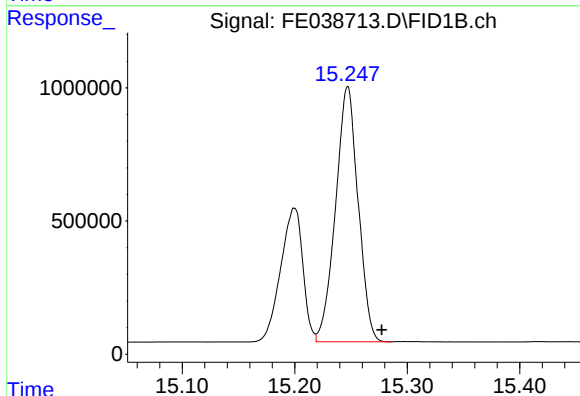
#13 n-Docosane (C22)

R.T.: 14.151 min
Delta R.T.: -0.026 min
Response: 6746682
Conc: 41.79 ug/ml

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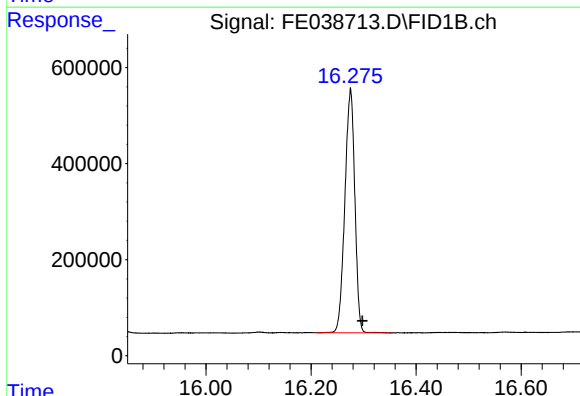
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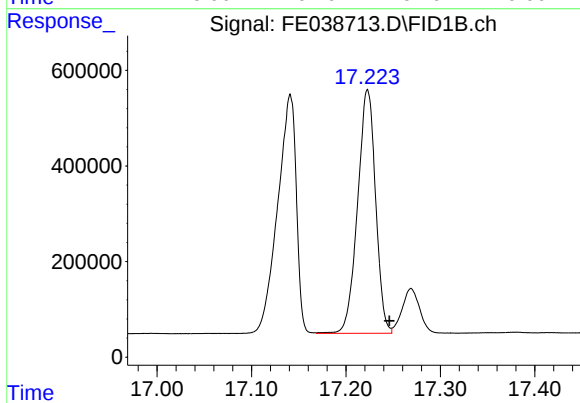
#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.030 min
Response: 13359390
Conc: 83.29 ug/ml



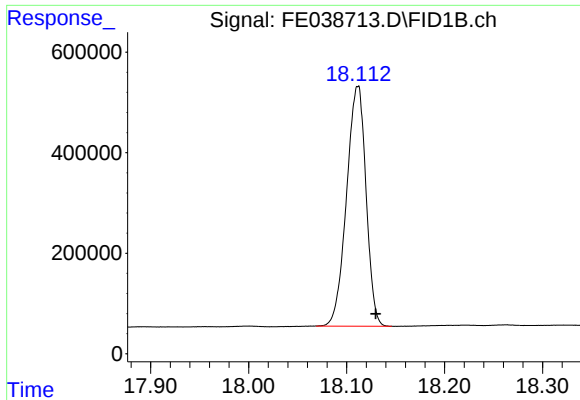
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.023 min
Response: 6677381
Conc: 42.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.223 min
Delta R.T.: -0.023 min
Response: 6756924
Conc: 43.07 ug/ml



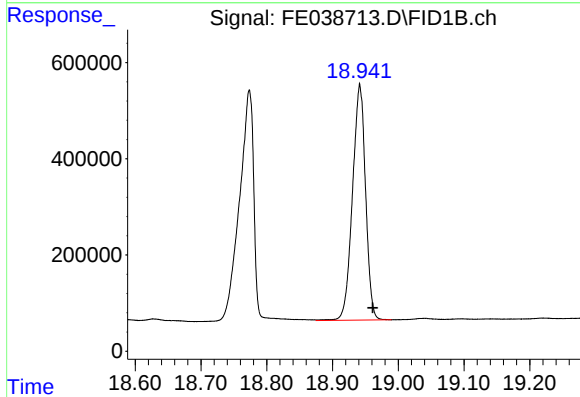
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.017 min
Response: 6604485
Conc: 41.39 ug/ml

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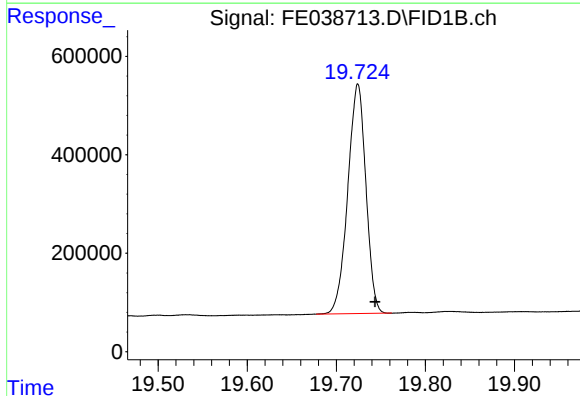
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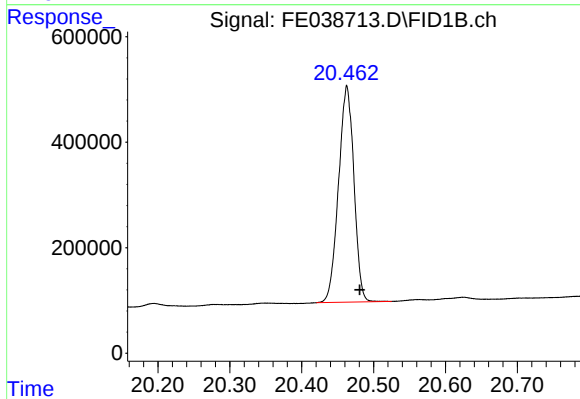
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.020 min
Response: 6764803
Conc: 42.90 ug/ml



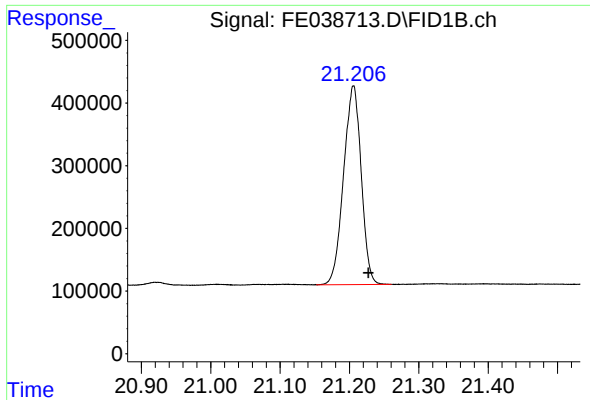
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.020 min
Response: 6583543
Conc: 44.66 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: -0.018 min
Response: 6094591
Conc: 42.65 ug/ml



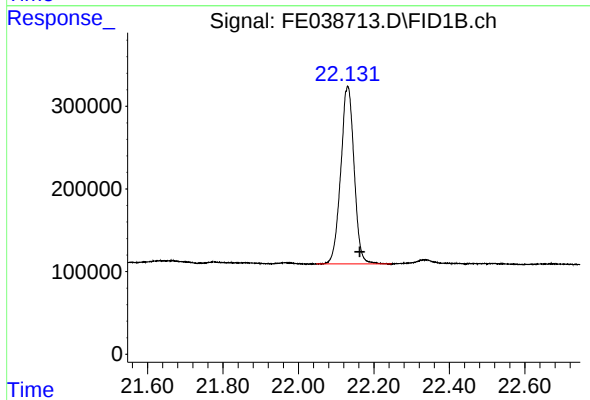
#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.021 min
Response: 5598265
Conc: 41.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: -0.031 min
Response: 5282351
Conc: 41.85 ug/ml