

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110922AL\
 Data File : FE038695.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 05:04
 Operator : YP\AJ
 Sample : N5521-08MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e
 Quant Time: Nov 10 05:49:27 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)	11.968	4654873	27.052 ug/ml
Spiked Amount 50.000		Recovery =	54.10%
12) S 1-chlorooctadecane (S...	13.400	3601767	26.309 ug/mlm
Spiked Amount 50.000		Recovery =	52.62%
Target Compounds			
1) T n-Nonane (C9)	3.378	5558561	36.092 ug/ml
2) T n-Decane (C10)	4.619	5780599	37.241 ug/ml
3) T A~Naphthalene (C11.7)	6.319	6434375	37.994 ug/ml
4) T n-Dodecane (C12)	6.775	5990483	38.347 ug/ml
5) T A~2-methylnaphthalene...	7.411	6142274	36.652 ug/ml
6) T n-Tetradecane (C14)	8.600	5905934	37.764 ug/ml
7) T n-Hexadecane (C16)	10.206	6022874	38.122 ug/ml
8) T n-Octadecane (C18)	11.648	6159518	38.454 ug/ml
10) T n-Eicosane (C20)	12.957	5895983	36.592 ug/ml
11) T n-Heneicosane (C21)	13.569	5864735	36.307 ug/ml
13) T n-Docosane (C22)	14.155	5829729	36.111 ug/ml
14) T n-Tetracosane (C24)	15.253	11849316	73.874 ug/ml
15) T n-Hexacosane (C26)	16.281	5746771	36.181 ug/ml
16) T n-Octacosane (C28)	17.229	6019504	38.368 ug/ml
17) T n-Tricontane (C30)	18.120	5849569	36.661 ug/ml
18) T n-Dotriacontane (C32)	18.951	6143369	38.963 ug/ml
19) T n-Tetratriacontane (C34)	19.736	6203065	42.076 ug/ml
20) T n-Hexatriacontane (C36)	20.477	6325437	44.270 ug/ml
21) T n-Octatriacontane (C38)	21.222	6307670	46.701 ug/ml
22) T n-Tetracontane (C40)	22.156	6957827	55.120 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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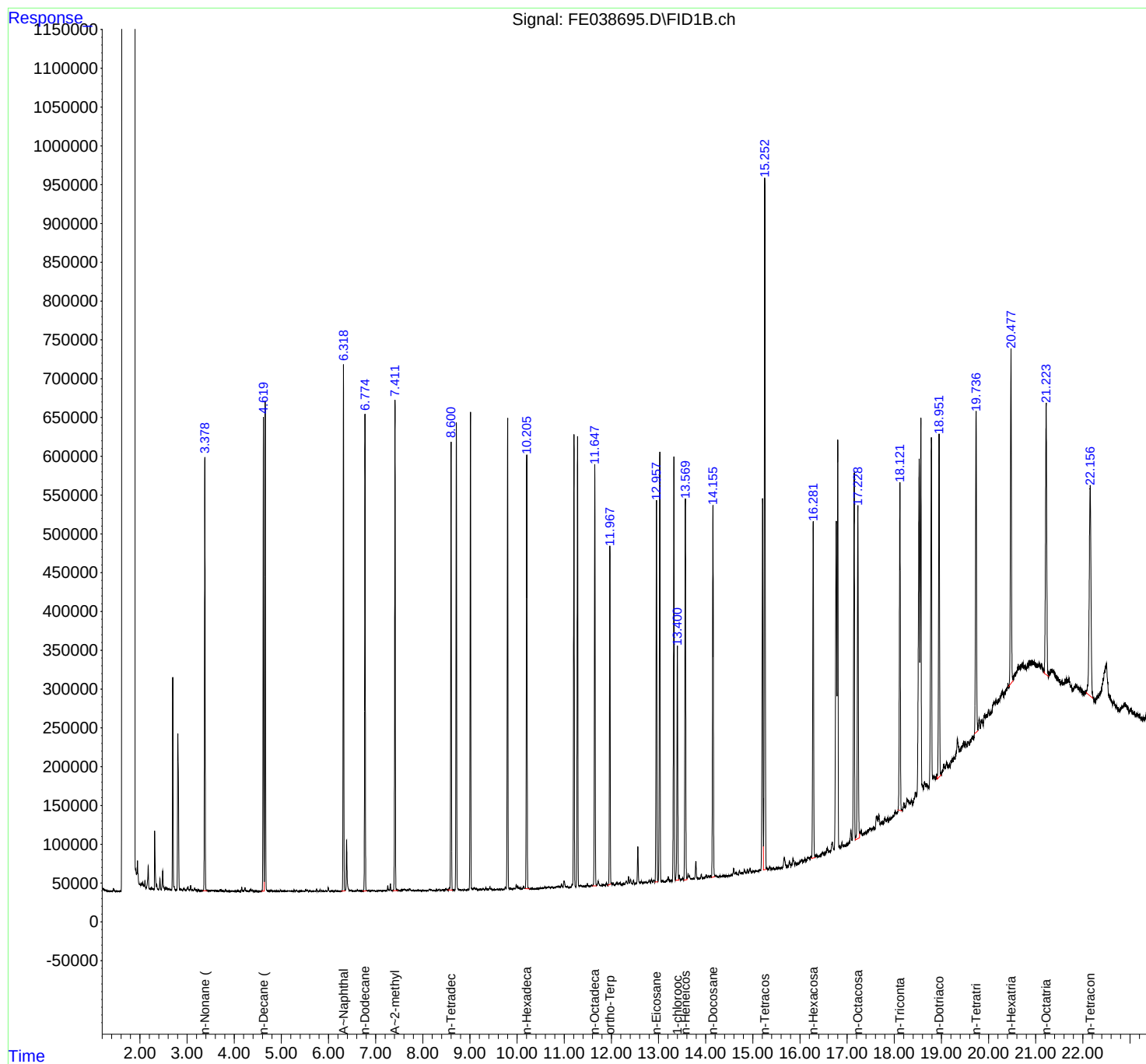
Instrument :
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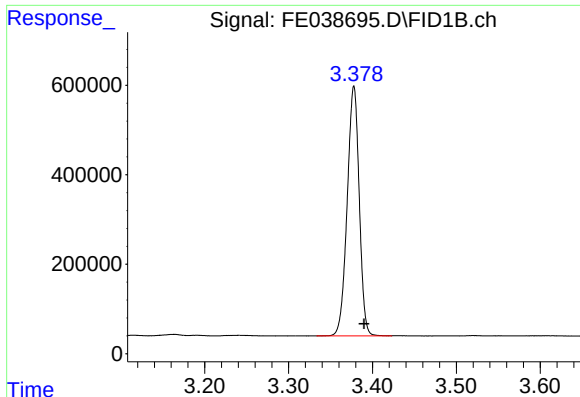
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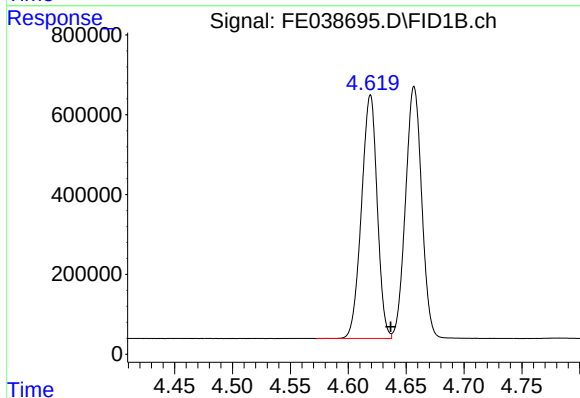
#1 n-Nonane (C9)

R.T.: 3.378 min
Delta R.T.: -0.012 min
Response: 5558561
Conc: 36.09 ug/ml

Instrument :
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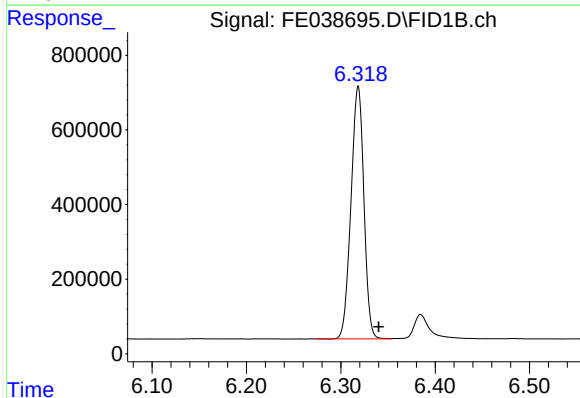
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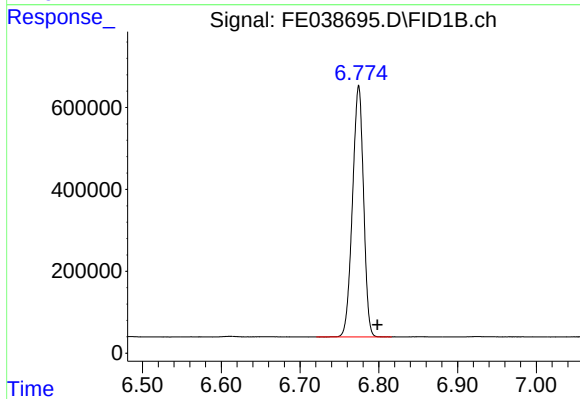
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: -0.018 min
Response: 5780599
Conc: 37.24 ug/ml



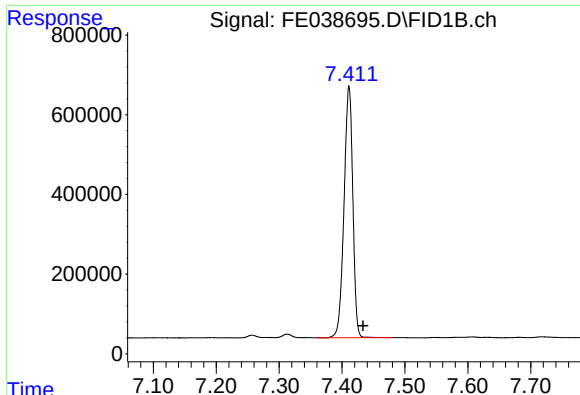
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: -0.022 min
Response: 6434375
Conc: 37.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.775 min
Delta R.T.: -0.024 min
Response: 5990483
Conc: 38.35 ug/ml



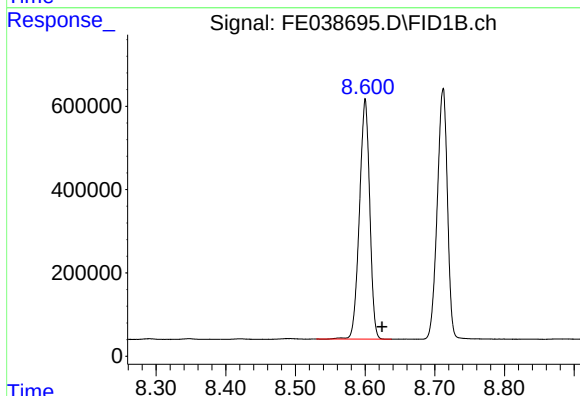
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: -0.022 min
Response: 6142274
Conc: 36.65 ug/ml

Instrument :
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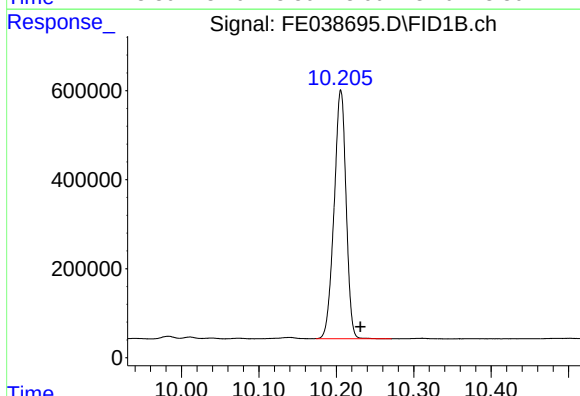
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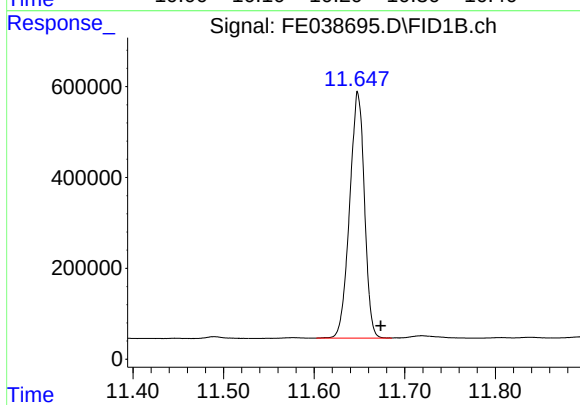
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.024 min
Response: 5905934
Conc: 37.76 ug/ml



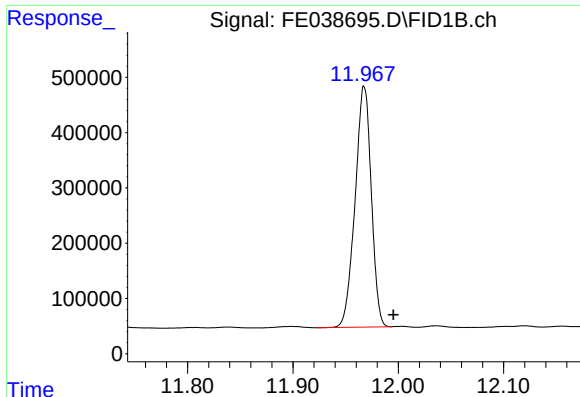
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.025 min
Response: 6022874
Conc: 38.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.648 min
Delta R.T.: -0.025 min
Response: 6159518
Conc: 38.45 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.968 min
Delta R.T.: -0.028 min
Response: 4654873
Conc: 27.05 ug/ml

Instrument :

FID_E

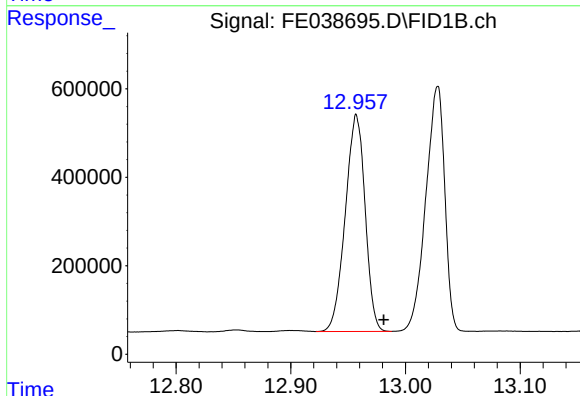
ClientSampleId :

6MSD

Manual Integrations

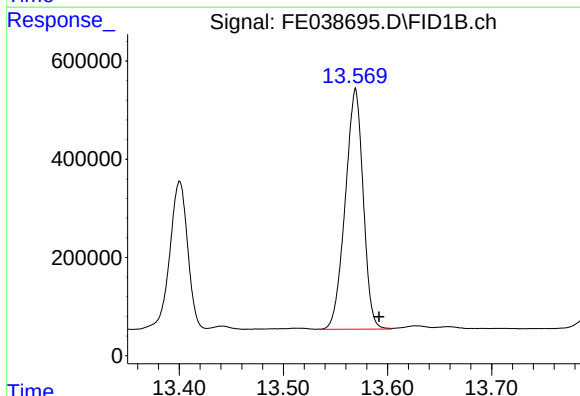
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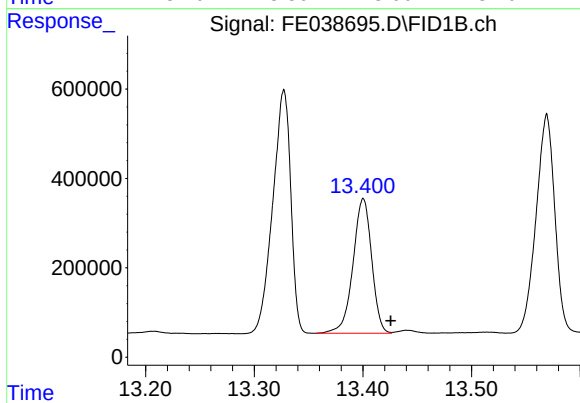
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.024 min
Response: 5895983
Conc: 36.59 ug/ml



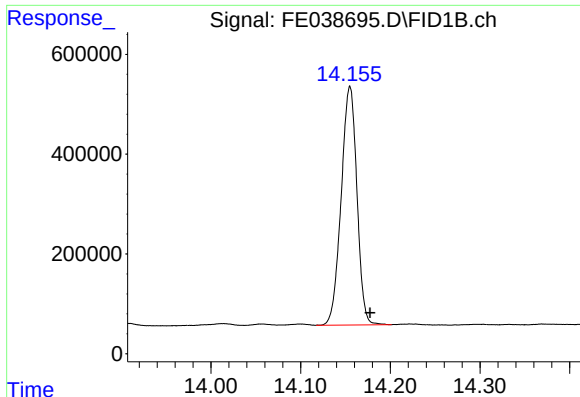
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.023 min
Response: 5864735
Conc: 36.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.400 min
Delta R.T.: -0.026 min
Response: 3601767
Conc: 26.31 ug/ml m



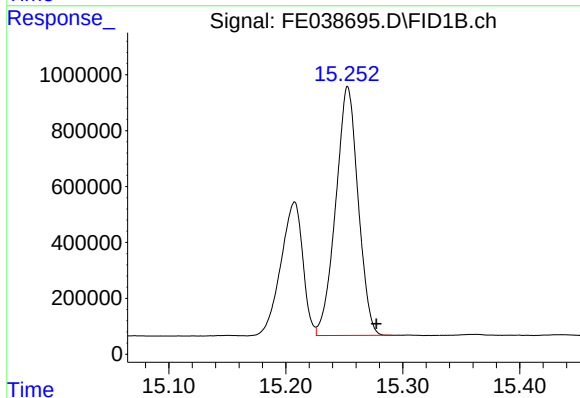
#13 n-Docosane (C22)

R.T.: 14.155 min
Delta R.T.: -0.023 min
Response: 5829729
Conc: 36.11 ug/ml

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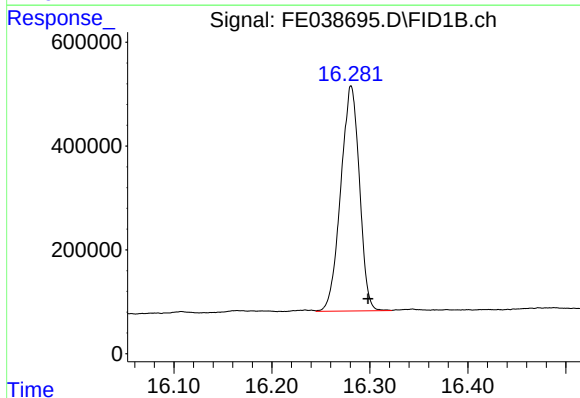
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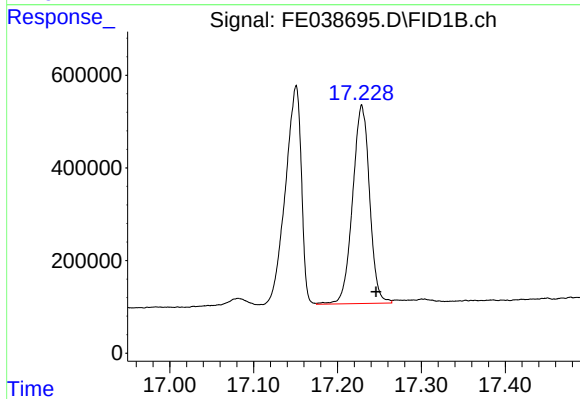
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: -0.024 min
Response: 11849316
Conc: 73.87 ug/ml



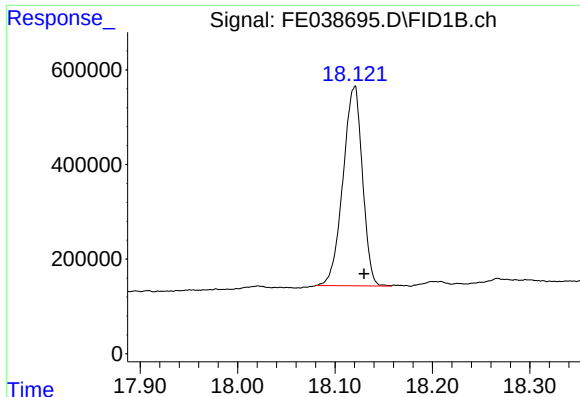
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: -0.017 min
Response: 5746771
Conc: 36.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.229 min
Delta R.T.: -0.017 min
Response: 6019504
Conc: 38.37 ug/ml



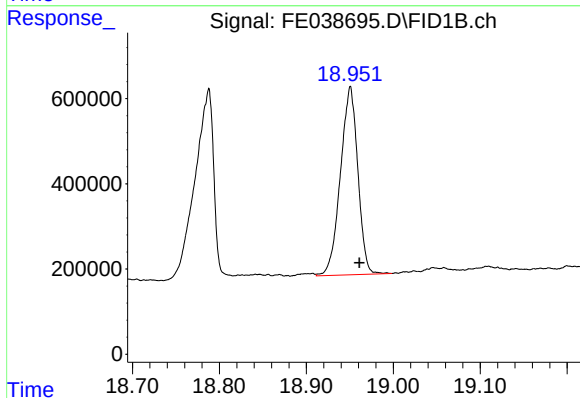
#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: -0.010 min
Response: 5849569
Conc: 36.66 ug/ml

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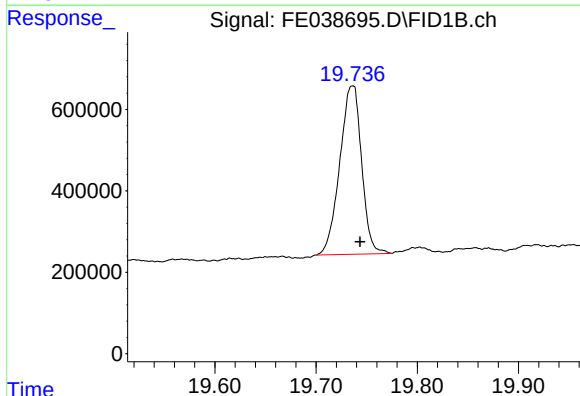
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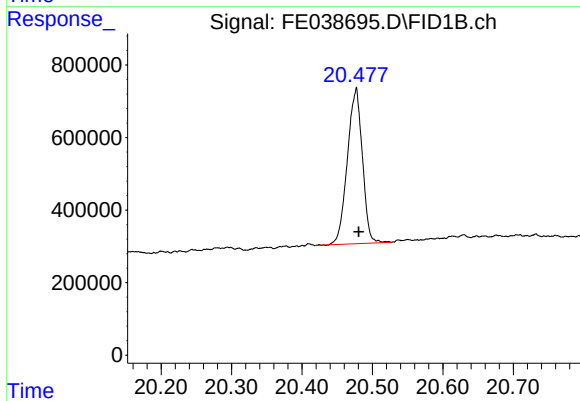
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.011 min
Response: 6143369
Conc: 38.96 ug/ml



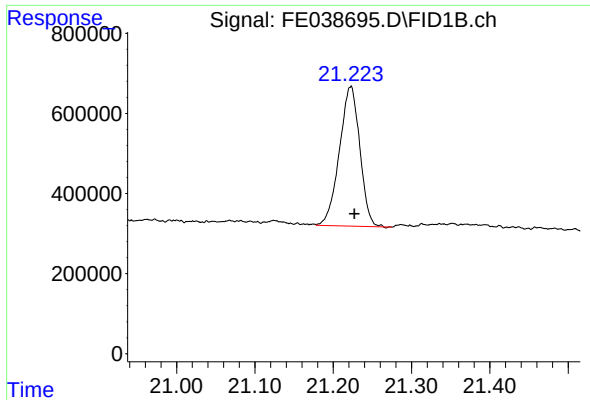
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: -0.007 min
Response: 6203065
Conc: 42.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: -0.004 min
Response: 6325437
Conc: 44.27 ug/ml



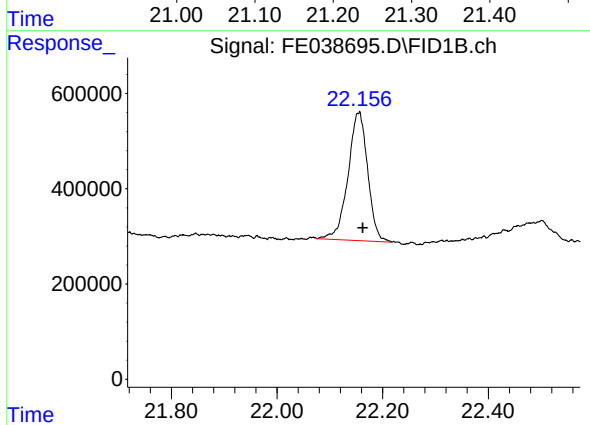
#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: -0.005 min
Response: 6307670
Conc: 46.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: -0.006 min
Response: 6957827
Conc: 55.12 ug/ml m