

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102822AL\
 Data File : FE038396.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2022 17:11
 Operator : YP\AJ
 Sample : N5272-05MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20221110-COMP-09MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 29 05:38:42 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)	11.977	5876383	34.151 ug/ml
Spiked Amount 50.000		Recovery =	68.30%
12) S 1-chlorooctadecane (S...	13.408	4587296	33.508 ug/ml
Spiked Amount 50.000		Recovery =	67.02%
Target Compounds			
1) T n-Nonane (C9)	3.389	6246714	40.560 ug/ml
2) T n-Decane (C10)	4.630	6473593	41.705 ug/ml
3) T A~Naphthalene (C11.7)	6.328	7149007	42.214 ug/ml
4) T n-Dodecane (C12)	6.785	6741219	43.153 ug/ml
5) T A~2-methylnaphthalene...	7.420	6876239	41.031 ug/ml
6) T n-Tetradecane (C14)	8.611	6756387	43.203 ug/ml
7) T n-Hexadecane (C16)	10.215	6792383	42.993 ug/ml
8) T n-Octadecane (C18)	11.657	6907143	43.121 ug/ml
10) T n-Eicosane (C20)	12.966	6734696	41.797 ug/ml
11) T n-Heneicosane (C21)	13.576	6731803	41.674 ug/ml
13) T n-Docosane (C22)	14.162	6652132	41.205 ug/ml
14) T n-Tetracosane (C24)	15.254	12817636	79.911 ug/ml
15) T n-Hexacosane (C26)	16.284	6523048	41.068 ug/ml
16) T n-Octacosane (C28)	17.231	6503680	41.454 ug/ml
17) T n-Tricontane (C30)	18.119	6298808	39.477 ug/ml
18) T n-Dotriacontane (C32)	18.949	6312325	40.035 ug/ml
19) T n-Tetratriacontane (C34)	19.731	6166281	41.827 ug/mlm
20) T n-Hexatriacontane (C36)	20.470	5882273	41.168 ug/ml
21) T n-Octatriacontane (C38)	21.214	5816517	43.065 ug/ml
22) T n-Tetracontane (C40)	22.144	6353379	50.332 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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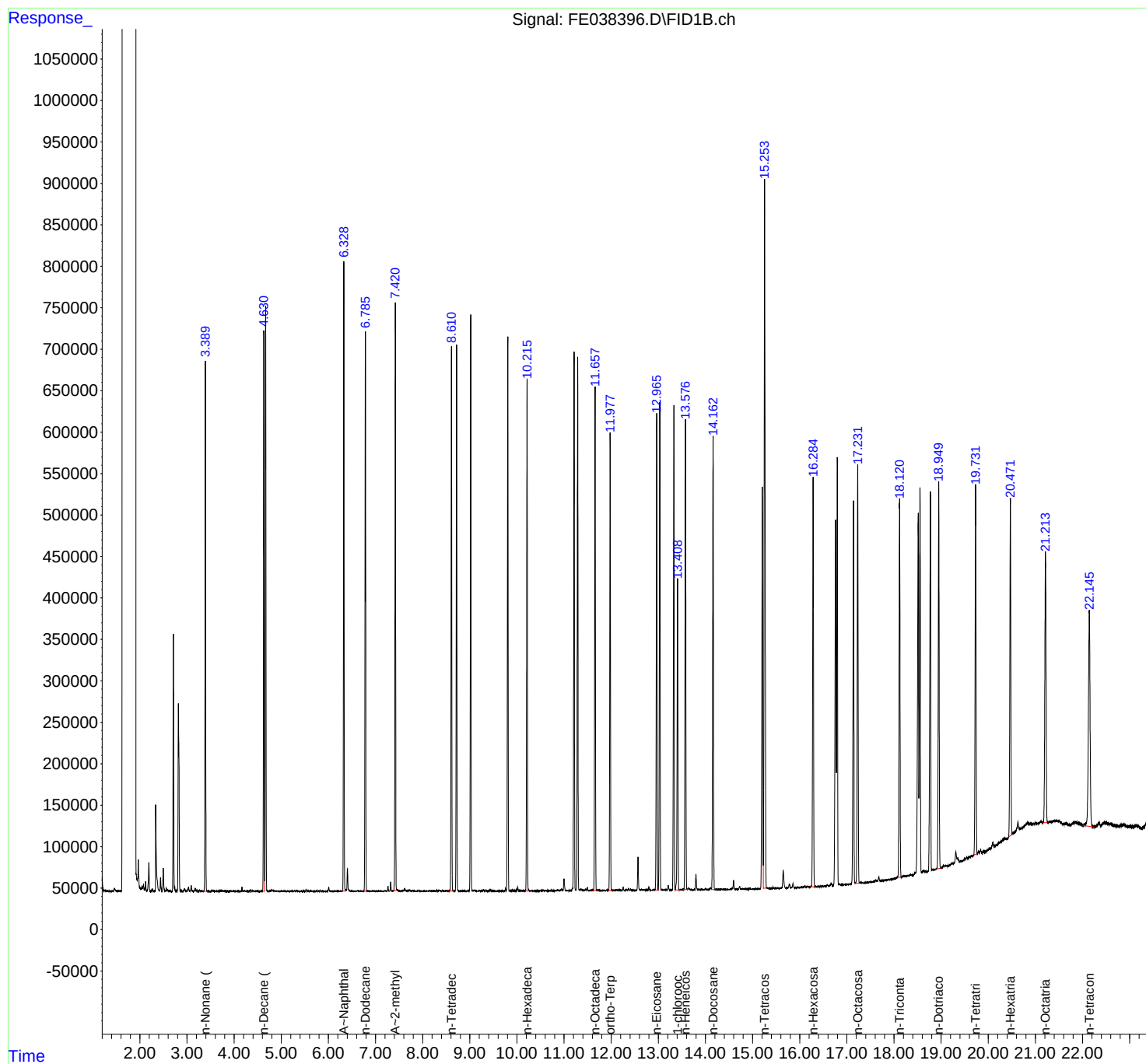
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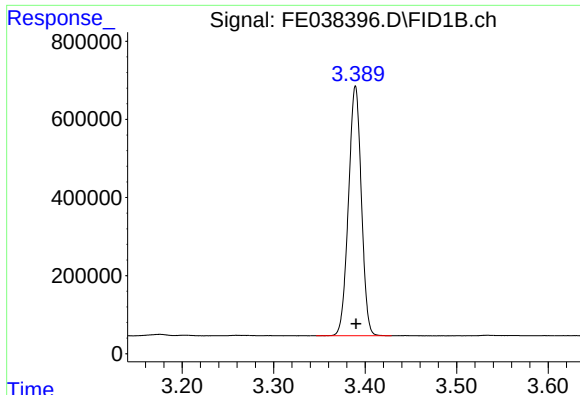
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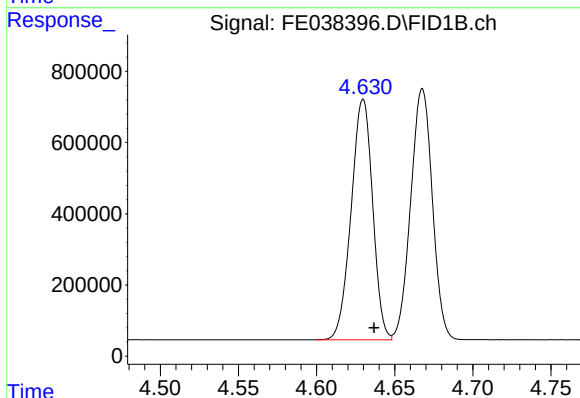
#1 n-Nonane (C9)

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 6246714
Conc: 40.56 ug/ml

Instrument : FID_E
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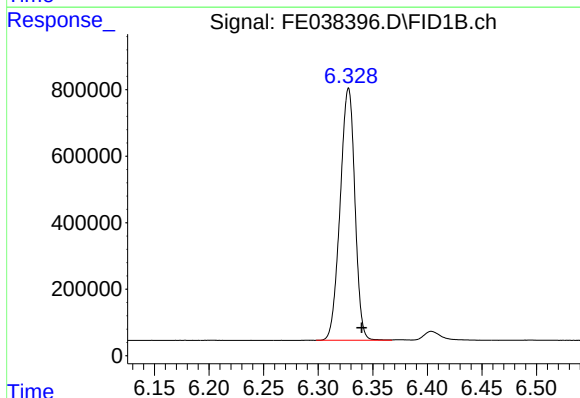
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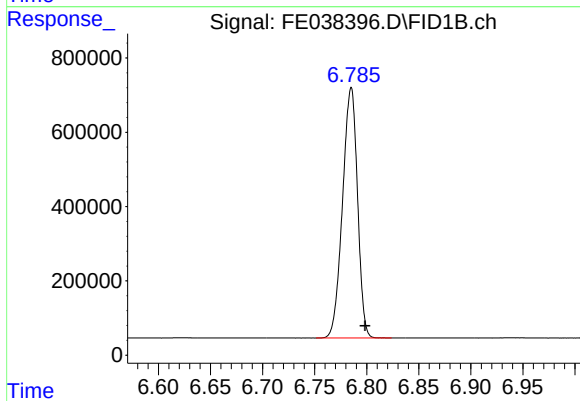
#2 n-Decane (C10)

R.T.: 4.630 min
Delta R.T.: -0.007 min
Response: 6473593
Conc: 41.71 ug/ml



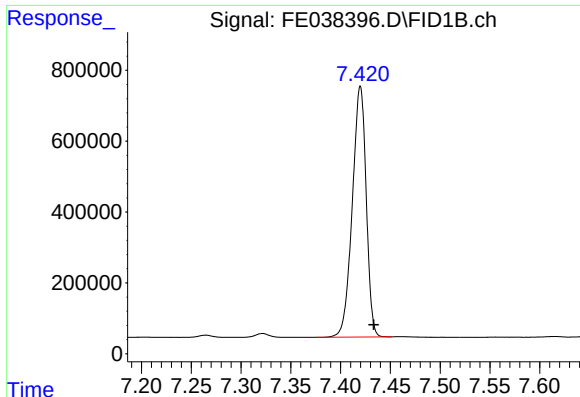
#3 A~Naphthalene (C11.7)

R.T.: 6.328 min
Delta R.T.: -0.012 min
Response: 7149007
Conc: 42.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.785 min
Delta R.T.: -0.013 min
Response: 6741219
Conc: 43.15 ug/ml



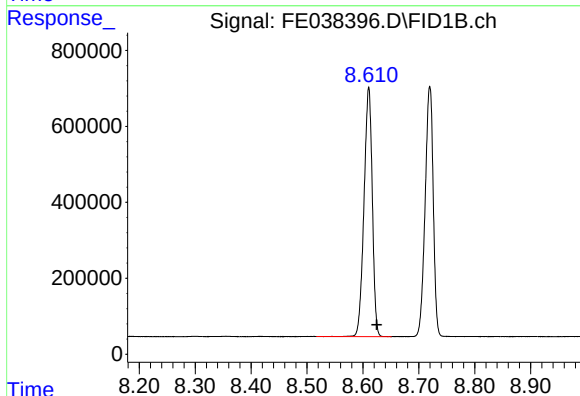
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.420 min
Delta R.T.: -0.014 min
Response: 6876239
Conc: 41.03 ug/ml

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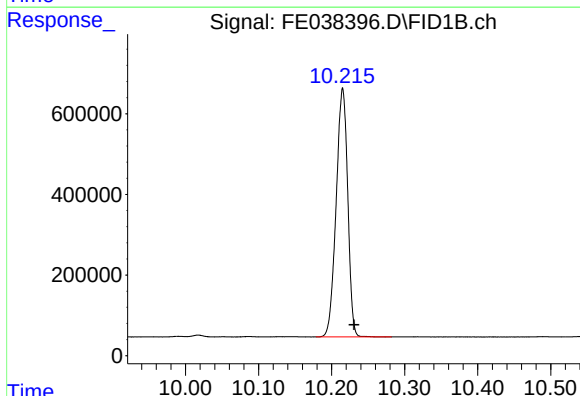
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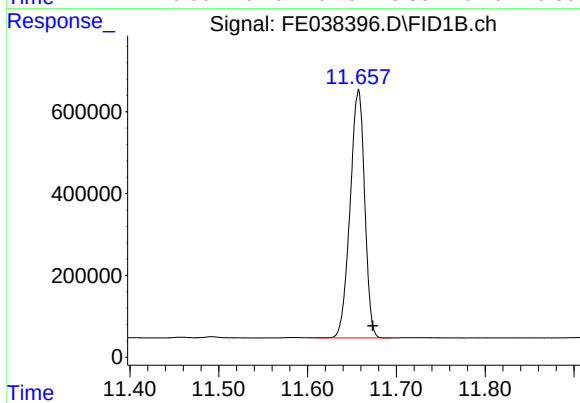
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: -0.014 min
Response: 6756387
Conc: 43.20 ug/ml



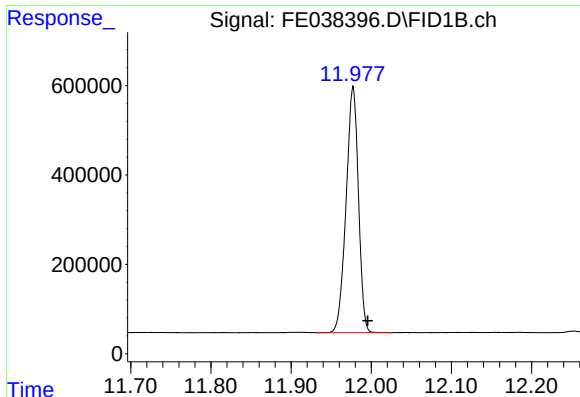
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: -0.016 min
Response: 6792383
Conc: 42.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: -0.016 min
Response: 6907143
Conc: 43.12 ug/ml



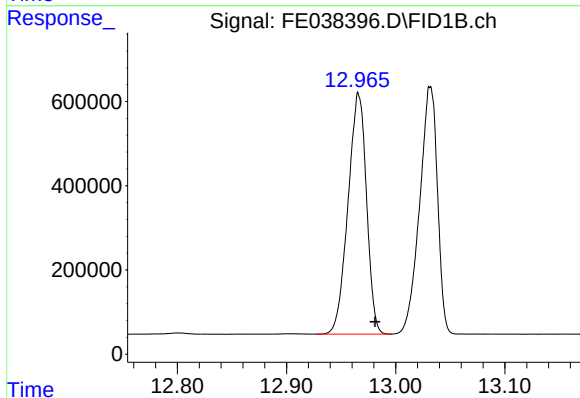
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.018 min
Response: 5876383
Conc: 34.15 ug/ml

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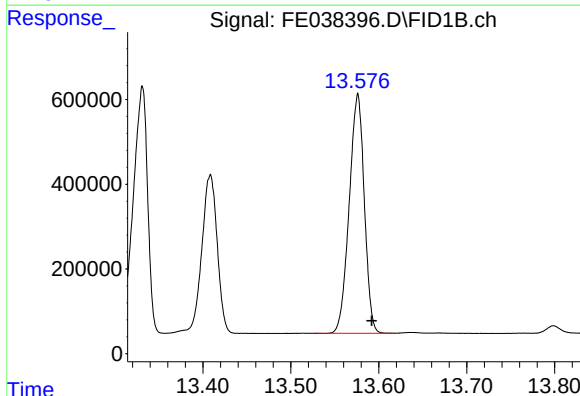
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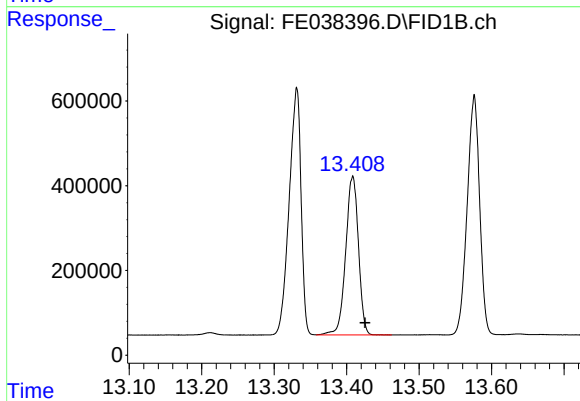
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: -0.015 min
Response: 6734696
Conc: 41.80 ug/ml



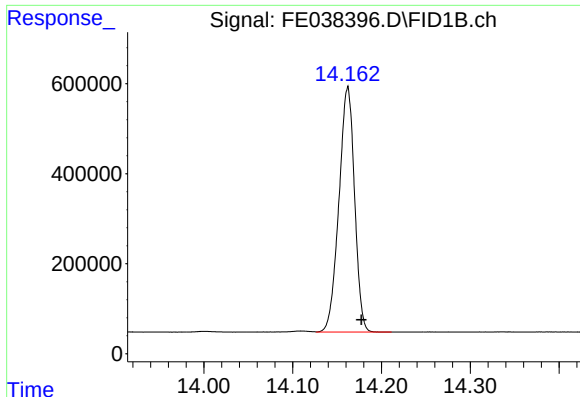
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: -0.016 min
Response: 6731803
Conc: 41.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: -0.017 min
Response: 4587296
Conc: 33.51 ug/ml



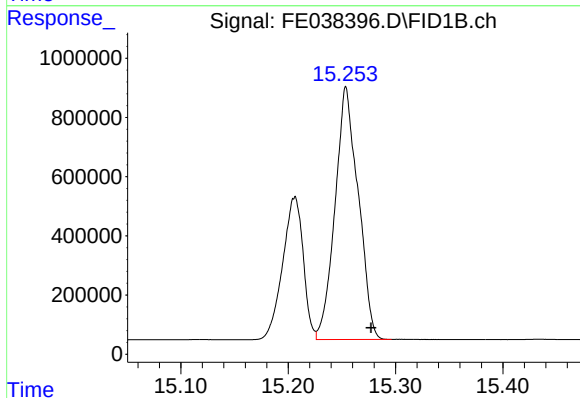
#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: -0.016 min
Response: 6652132
Conc: 41.20 ug/ml

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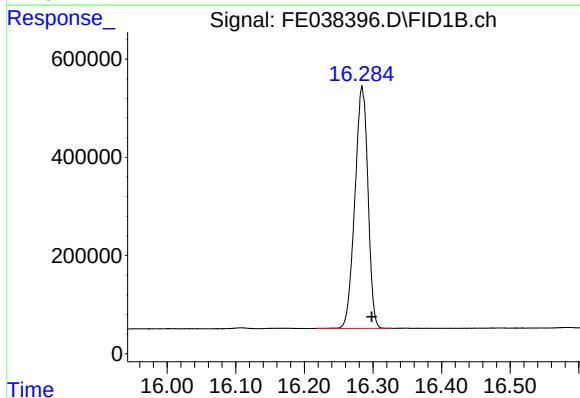
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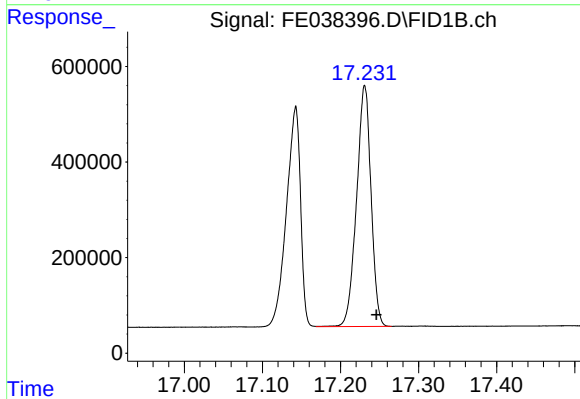
#14 n-Tetracosane (C24)

R.T.: 15.254 min
Delta R.T.: -0.024 min
Response: 12817636
Conc: 79.91 ug/ml



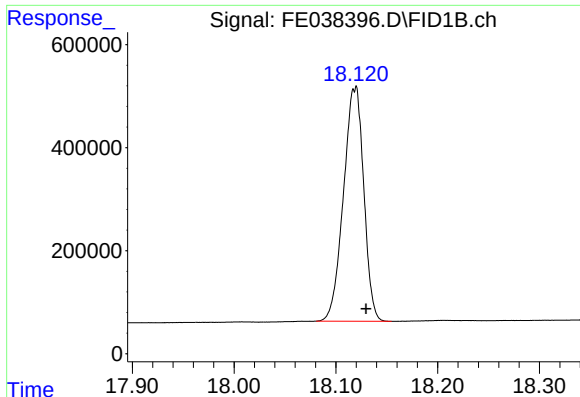
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.014 min
Response: 6523048
Conc: 41.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: -0.015 min
Response: 6503680
Conc: 41.45 ug/ml



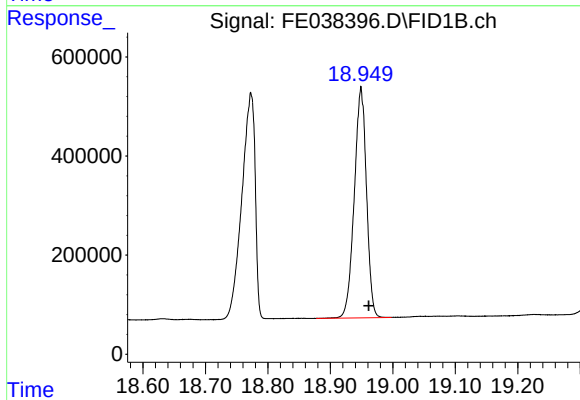
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: -0.011 min
Response: 6298808
Conc: 39.48 ug/ml

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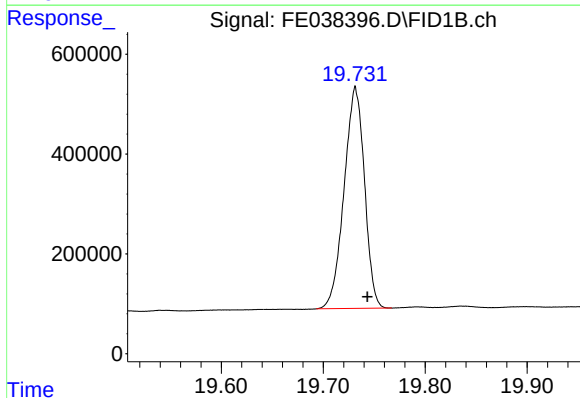
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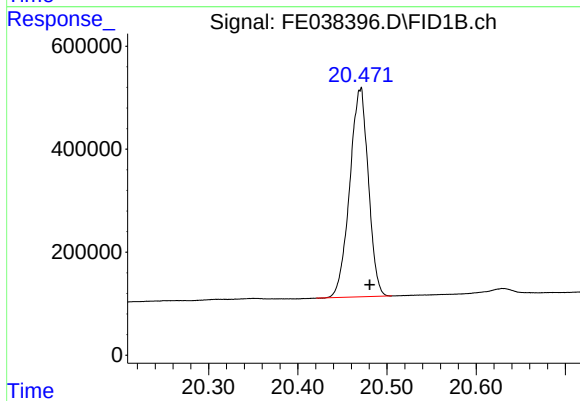
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: -0.012 min
Response: 6312325
Conc: 40.04 ug/ml



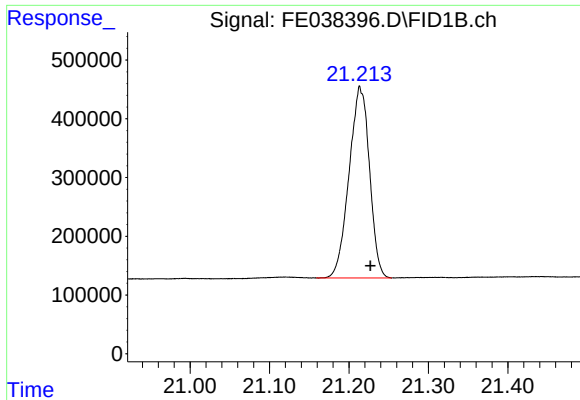
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.012 min
Response: 6166281
Conc: 41.83 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: -0.010 min
Response: 5882273
Conc: 41.17 ug/ml



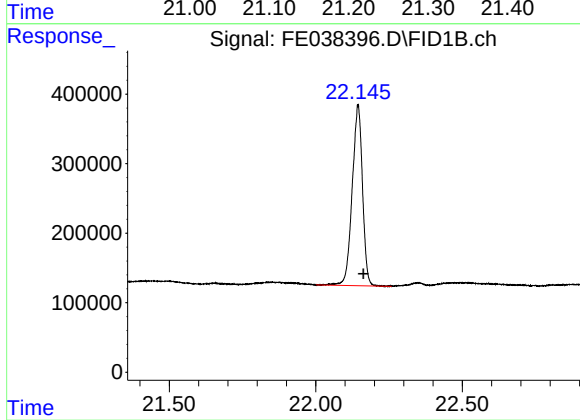
#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.013 min
Response: 5816517
Conc: 43.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: -0.018 min
Response: 6353379
Conc: 50.33 ug/ml