

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110222AL\
 Data File : FE038515.D
 Signal(s) : FID1B.ch
 Acq On : 02 Nov 2022 22:00
 Operator : YP\AJ
 Sample : N5396-10MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-GMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2022
 Supervised By :Ankita Jodhani 11/03/2022

Integration File: autoint1.e
 Quant Time: Nov 03 04:25:11 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)	11.966	5326432	30.955 ug/ml
Spiked Amount 50.000		Recovery =	61.91%
12) S 1-chlorooctadecane (S...	13.399	4303336	31.434 ug/mlm
Spiked Amount 50.000		Recovery =	62.87%
Target Compounds			
1) T n-Nonane (C9)	3.365	3979596	25.839 ug/ml
2) T n-Decane (C10)	4.613	4434605	28.569 ug/mlm
3) T A~Naphthalene (C11.7)	6.314	5237263	30.925 ug/ml
4) T n-Dodecane (C12)	6.774	5134207	32.866 ug/ml
5) T A~2-methylnaphthalene...	7.408	5366718	32.024 ug/ml
6) T n-Tetradecane (C14)	8.601	5526002	35.335 ug/ml
7) T n-Hexadecane (C16)	10.205	5829274	36.897 ug/ml
8) T n-Octadecane (C18)	11.647	5918979	36.952 ug/ml
10) T n-Eicosane (C20)	12.955	5667158	35.172 ug/ml
11) T n-Heneicosane (C21)	13.565	5550519	34.361 ug/mlm
13) T n-Docosane (C22)	14.151	5523149	34.212 ug/ml
14) T n-Tetracosane (C24)	15.240	10395945	64.813 ug/ml
15) T n-Hexacosane (C26)	16.274	5364774	33.776 ug/ml
16) T n-Octacosane (C28)	17.220	5383512	34.314 ug/ml
17) T n-Tricontane (C30)	18.108	5116637	32.068 ug/mlm
18) T n-Dotriacontane (C32)	18.938	5207151	33.026 ug/mlm
19) T n-Tetratriacontane (C34)	19.720	5065675	34.361 ug/mlm
20) T n-Hexatriacontane (C36)	20.460	4941432	34.583 ug/ml
21) T n-Octatriacontane (C38)	21.203	5034004	37.271 ug/ml
22) T n-Tetracontane (C40)	22.127	5269959	41.749 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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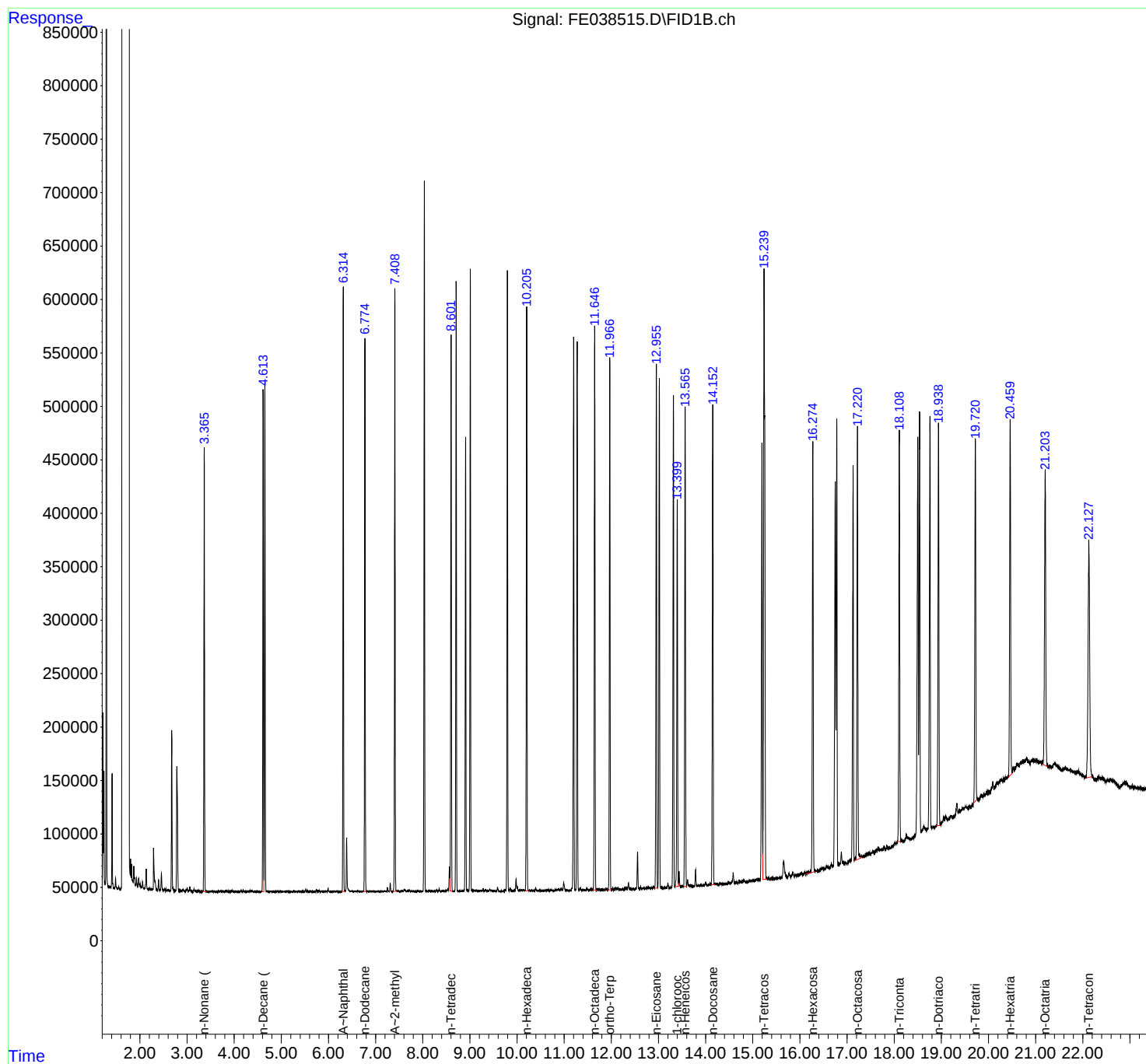
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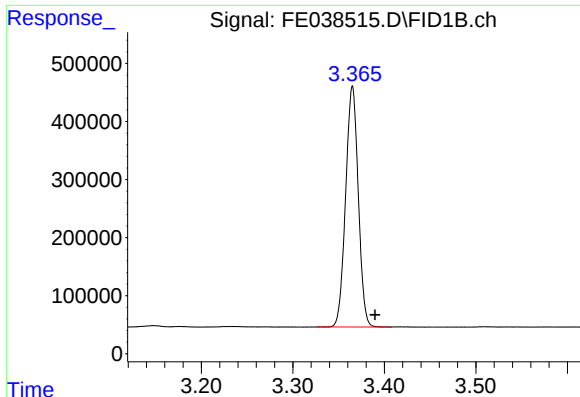
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#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: -0.025 min
Response: 3979596
Conc: 25.84 ug/ml

Instrument :

FID_E

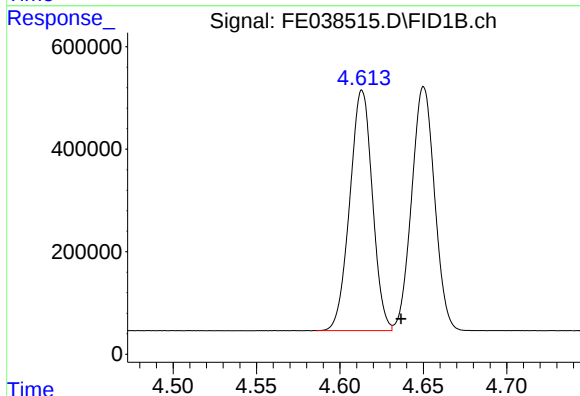
ClientSampleId :

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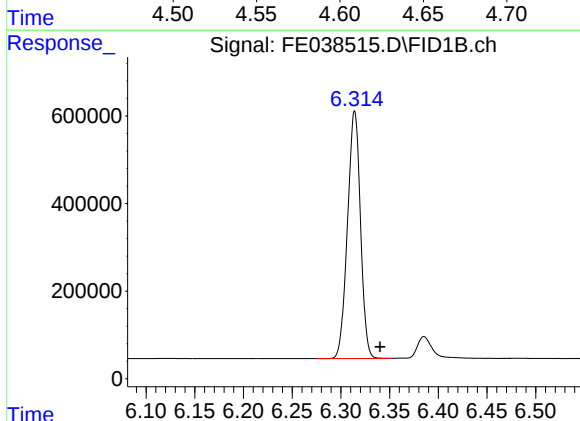
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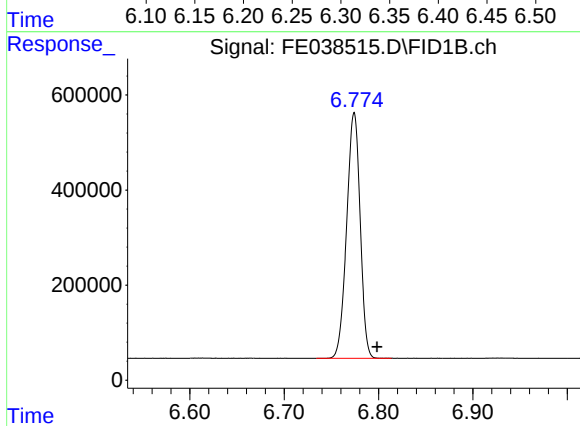
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.024 min
Response: 4434605
Conc: 28.57 ug/ml m



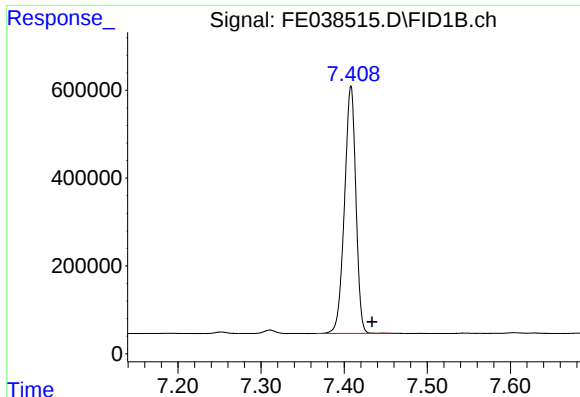
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.026 min
Response: 5237263
Conc: 30.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: -0.024 min
Response: 5134207
Conc: 32.87 ug/ml



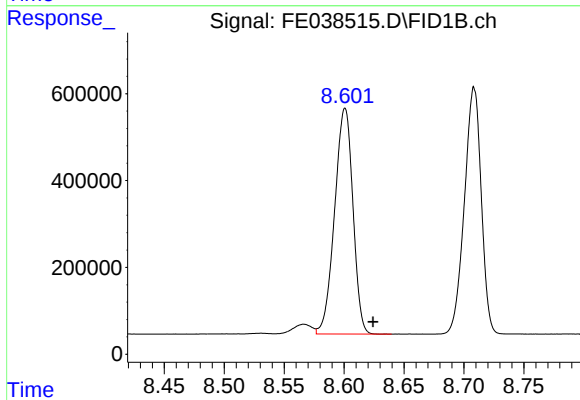
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: -0.025 min
Response: 5366718
Conc: 32.02 ug/ml

Instrument :
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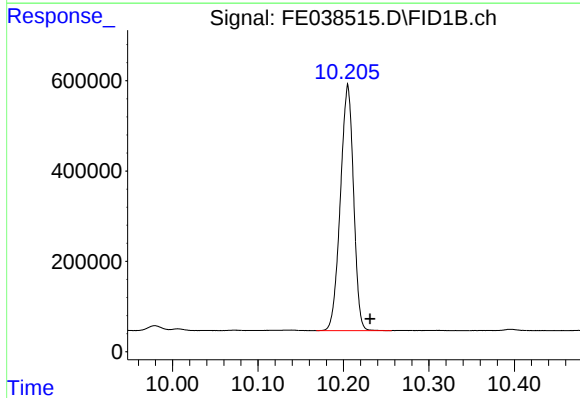
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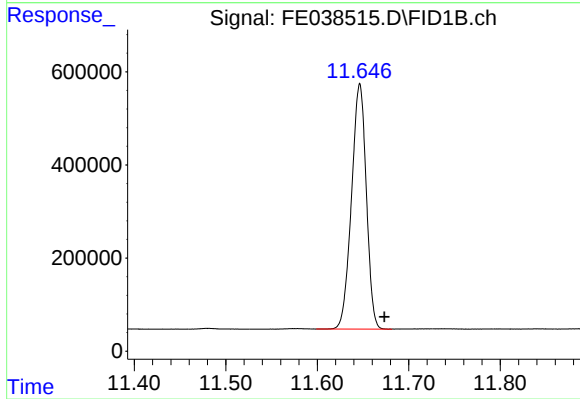
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.024 min
Response: 5526002
Conc: 35.34 ug/ml



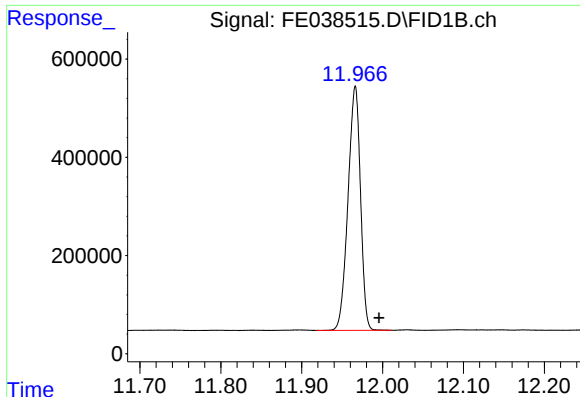
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: -0.026 min
Response: 5829274
Conc: 36.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.647 min
Delta R.T.: -0.027 min
Response: 5918979
Conc: 36.95 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: -0.029 min
Response: 5326432
Conc: 30.95 ug/ml

Instrument :

FID_E

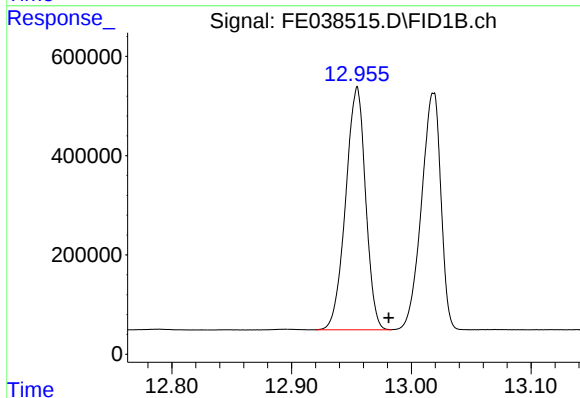
ClientSampleId :

TP-GMS

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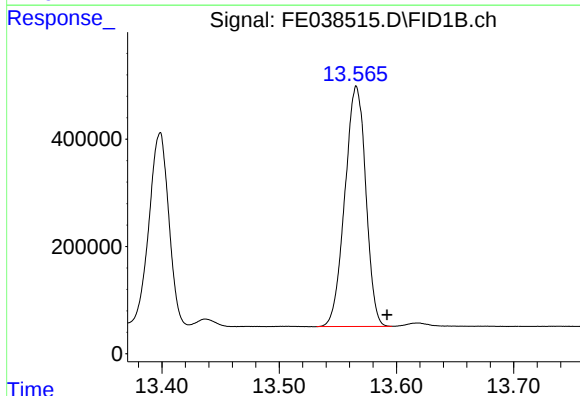
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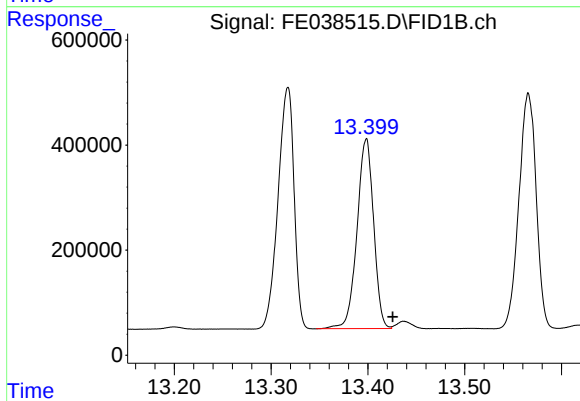
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.026 min
Response: 5667158
Conc: 35.17 ug/ml



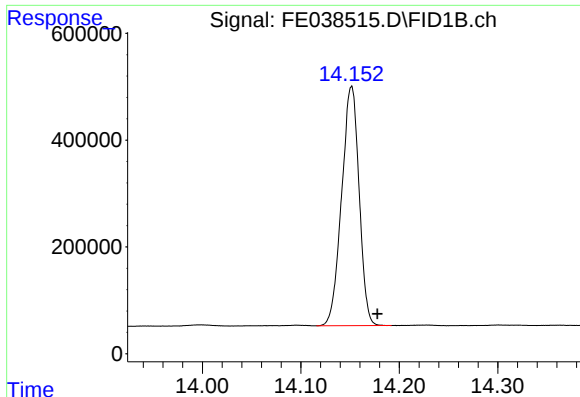
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.027 min
Response: 5550519
Conc: 34.36 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.399 min
Delta R.T.: -0.027 min
Response: 4303336
Conc: 31.43 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.151 min
Delta R.T.: -0.026 min
Response: 5523149
Conc: 34.21 ug/ml

Instrument :

FID_E

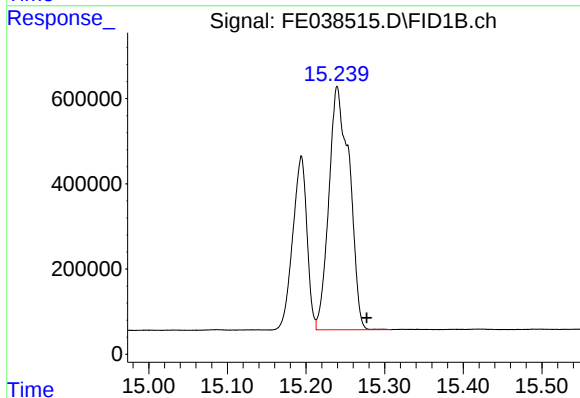
ClientSampleId :

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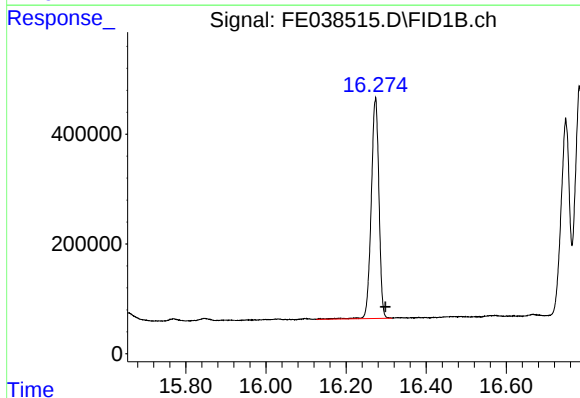
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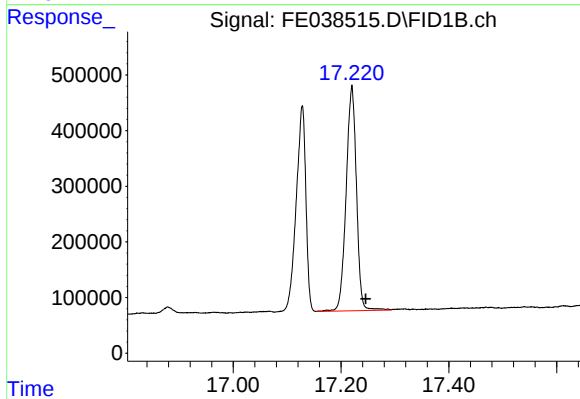
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.038 min
Response: 10395945
Conc: 64.81 ug/ml



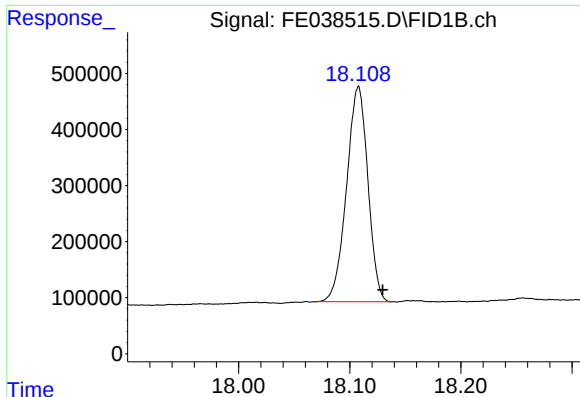
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.025 min
Response: 5364774
Conc: 33.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.220 min
Delta R.T.: -0.026 min
Response: 5383512
Conc: 34.31 ug/ml



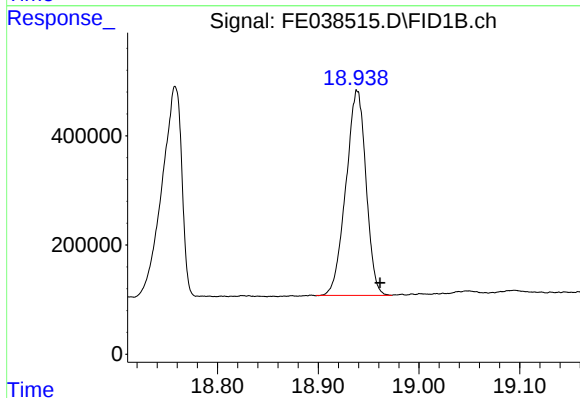
#17 n-Tricontane (C30)

R.T.: 18.108 min
Delta R.T.: -0.022 min
Response: 5116637
Conc: 32.07 ug/ml

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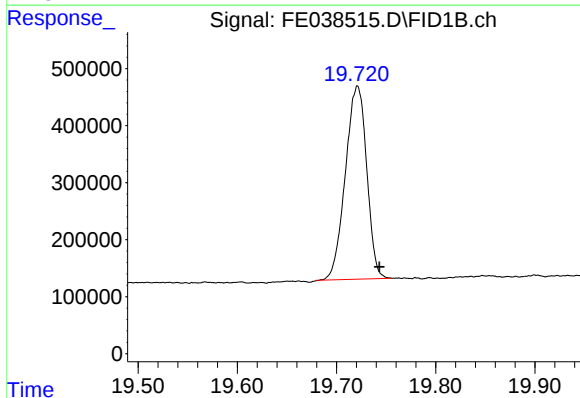
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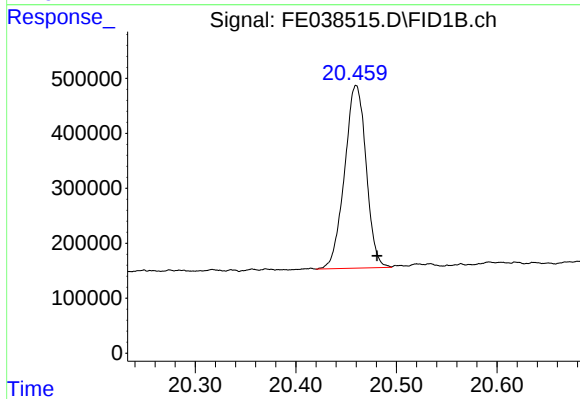
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.024 min
Response: 5207151
Conc: 33.03 ug/ml m



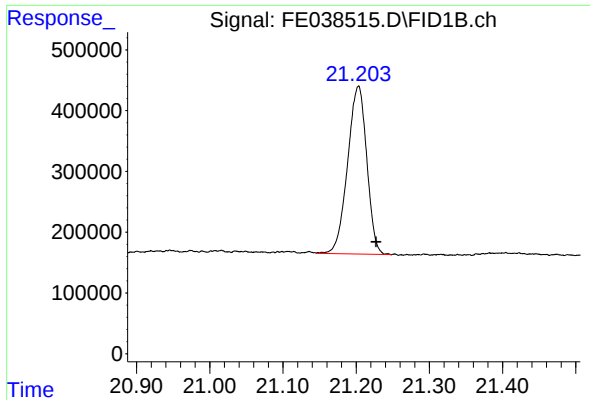
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.023 min
Response: 5065675
Conc: 34.36 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: -0.021 min
Response: 4941432
Conc: 34.58 ug/ml



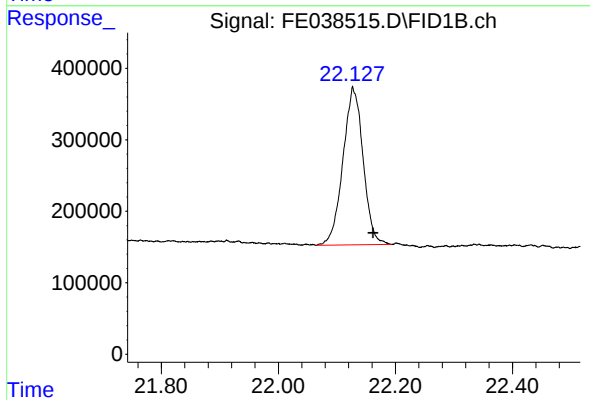
#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.024 min
Response: 5034004
Conc: 37.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: -0.035 min
Response: 5269959
Conc: 41.75 ug/ml