

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022525AL\
 Data File : FE052496.D
 Signal(s) : FID1B.ch
 Acq On : 25 Feb 2025 17:49
 Operator : YP\AJ
 Sample : Q1420-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-1-WCMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/26/2025

Supervised By :Ankita Jodhani 02/26/2025

Integration File: autoint1.e

Quant Time: Feb 26 03:11:51 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 14 00:50:00 2025

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)	11.923	5660525	30.281 ug/ml
Spiked Amount 50.000		Recovery =	60.56%
12) S 1-chlorooctadecane (S...	13.368	4522936	32.540 ug/mlm
Spiked Amount 50.000		Recovery =	65.08%
Target Compounds			
1) T n-Nonane (C9)	3.260	5118535	33.345 ug/ml
2) T n-Decane (C10)	4.522	5607858	35.904 ug/ml
3) T A~Naphthalene (C11.7)	6.234	6656841	38.530 ug/ml
4) T n-Dodecane (C12)	6.702	5867258	37.172 ug/ml
5) T A~2-methylnaphthalene...	7.337	6297675	37.498 ug/ml
6) T n-Tetradecane (C14)	8.542	6338375	40.240 ug/ml
7) T n-Hexadecane (C16)	10.157	6801142	41.613 ug/ml
8) T n-Octadecane (C18)	11.608	6881729	41.591 ug/ml
10) T n-Eicosane (C20)	12.924	7039388	44.156 ug/ml
11) T n-Heneicosane (C21)	13.538	6719285	42.888 ug/ml
13) T n-Docosane (C22)	14.126	6666011	42.595 ug/ml
14) T n-Tetracosane (C24)	15.223	13854865	88.096 ug/ml
15) T n-Hexacosane (C26)	16.260	6459882	41.707 ug/ml
16) T n-Octacosane (C28)	17.211	6490165	42.430 ug/ml
17) T n-Tricontane (C30)	18.104	6542833	41.915 ug/ml
18) T n-Dotriacontane (C32)	18.937	6397957	41.811 ug/mlm
19) T n-Tetratriacontane (C34)	19.723	6509150	45.755 ug/ml
20) T n-Hexatriacontane (C36)	20.466	6115495	49.066 ug/ml
21) T n-Octatriacontane (C38)	21.210	6146421	56.233 ug/ml
22) T n-Tetracontane (C40)	22.138	6532081	64.938 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : Q1420-01MS
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ALS Vial : 20 Sample Multiplier: 1

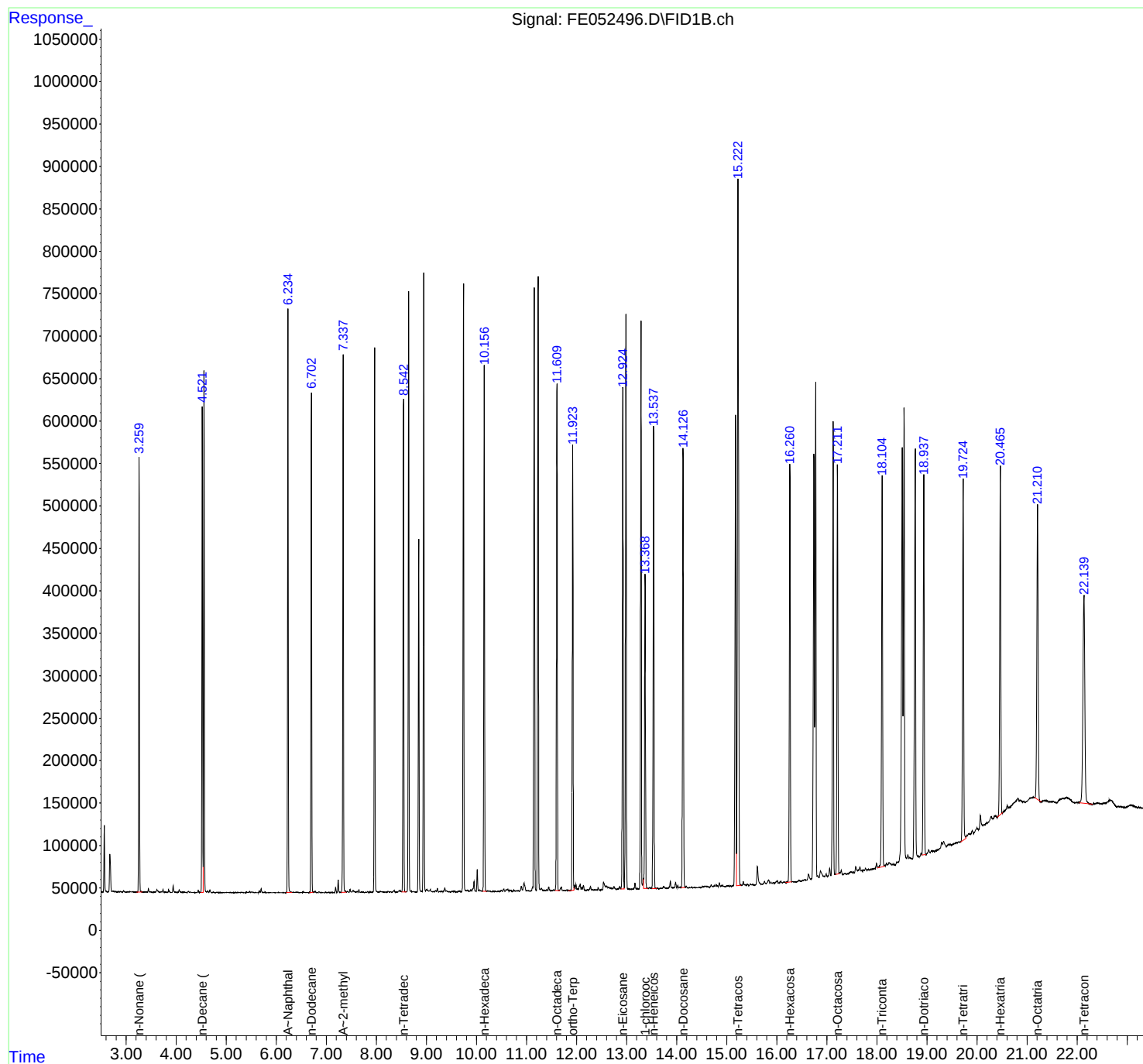
Instrument :
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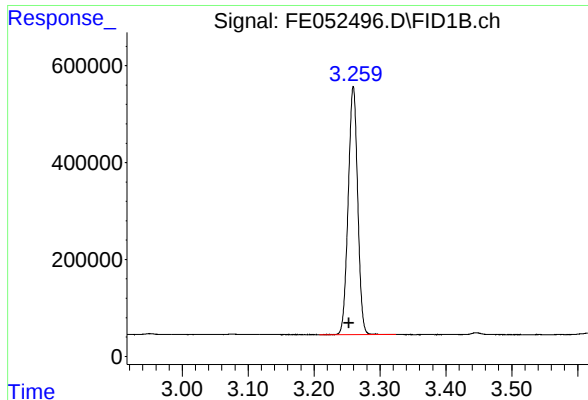
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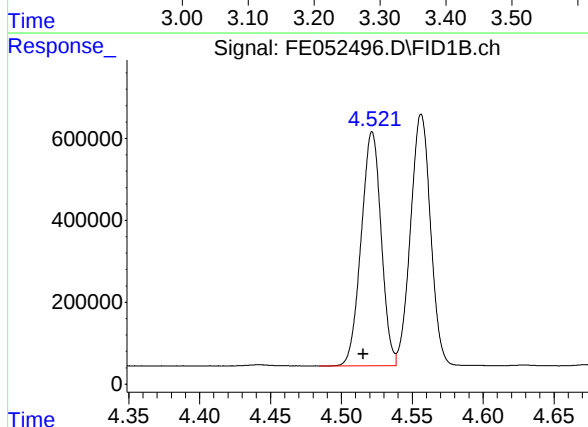
#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: 0.006 min
Response: 5118535
Conc: 33.35 ug/ml

Instrument :
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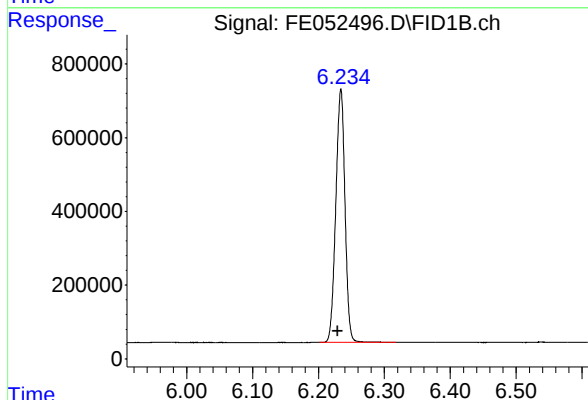
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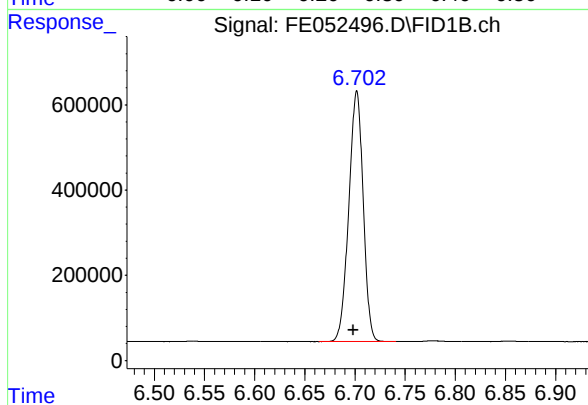
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.006 min
Response: 5607858
Conc: 35.90 ug/ml



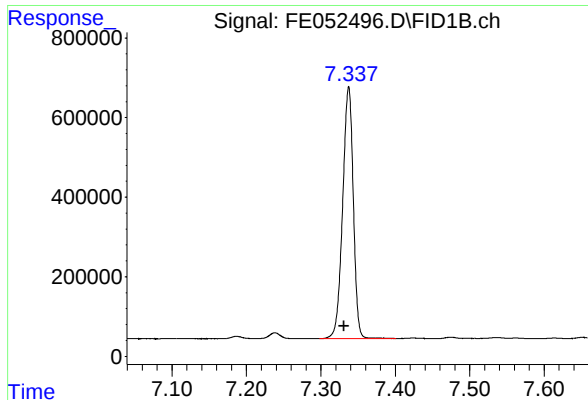
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.005 min
Response: 6656841
Conc: 38.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: 0.003 min
Response: 5867258
Conc: 37.17 ug/ml



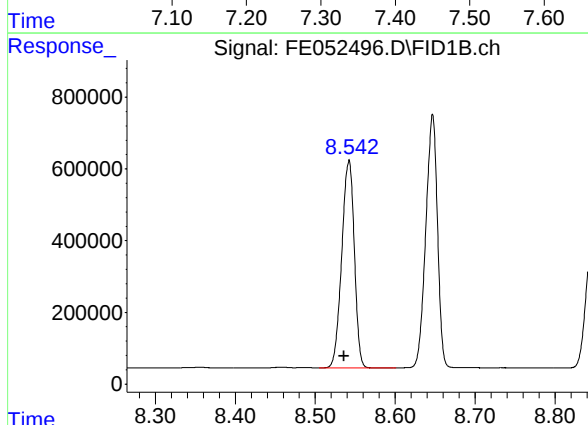
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.337 min
Delta R.T.: 0.006 min
Response: 6297675
Conc: 37.50 ug/ml

Instrument :
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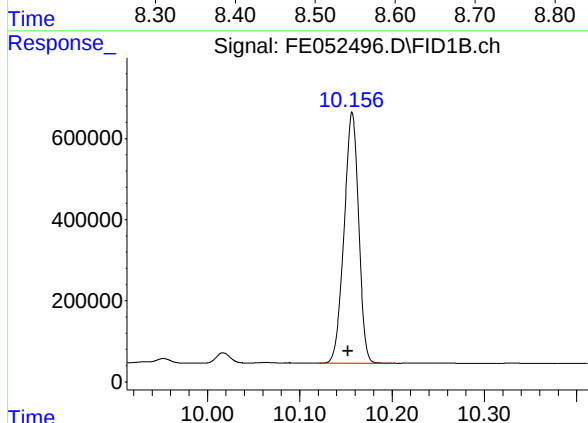
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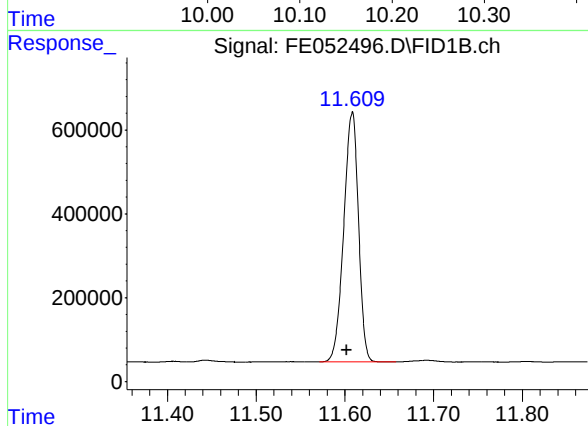
#6 n-Tetradecane (C14)

R.T.: 8.542 min
Delta R.T.: 0.006 min
Response: 6338375
Conc: 40.24 ug/ml



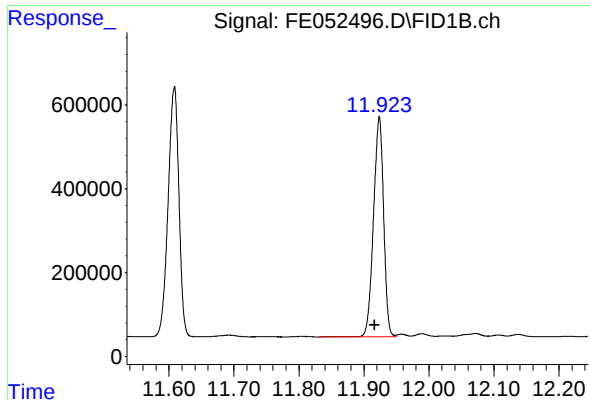
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: 0.005 min
Response: 6801142
Conc: 41.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: 0.006 min
Response: 6881729
Conc: 41.59 ug/ml



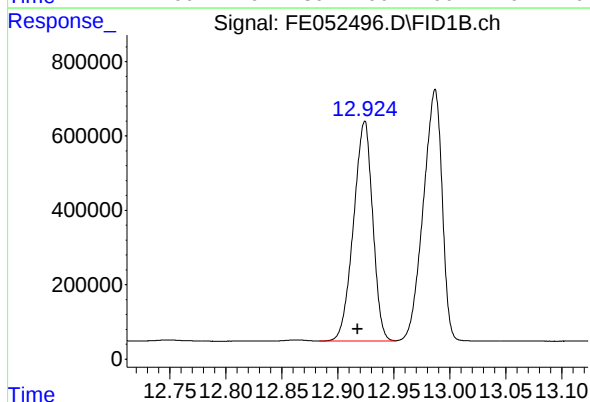
#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: 0.007 min
Response: 5660525
Conc: 30.28 ug/ml

Instrument :
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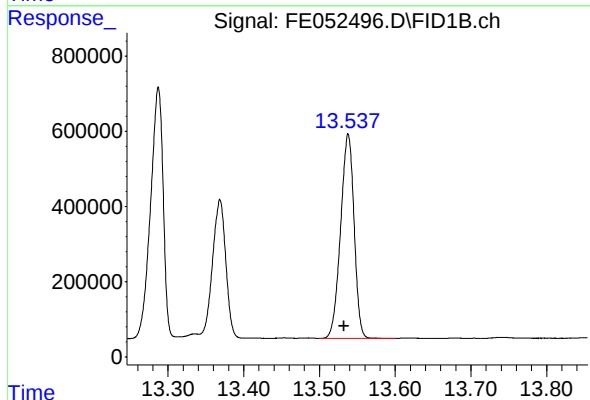
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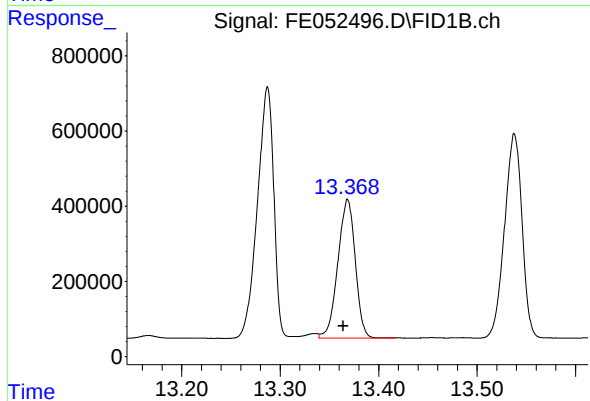
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.006 min
Response: 7039388
Conc: 44.16 ug/ml



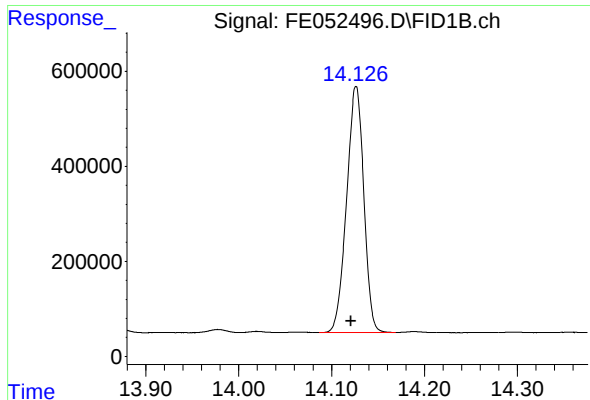
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: 0.005 min
Response: 6719285
Conc: 42.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: 0.004 min
Response: 4522936
Conc: 32.54 ug/ml m



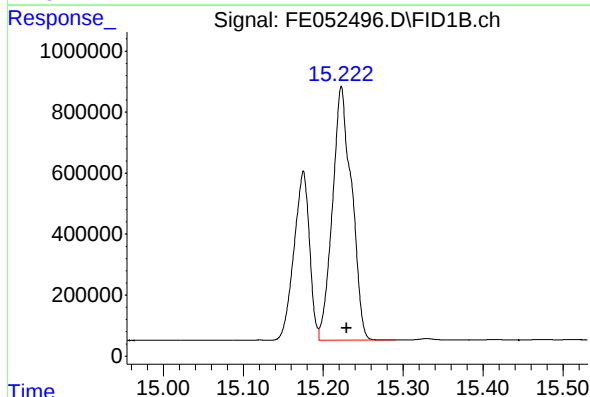
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: 0.005 min
Response: 6666011
Conc: 42.60 ug/ml

Instrument :
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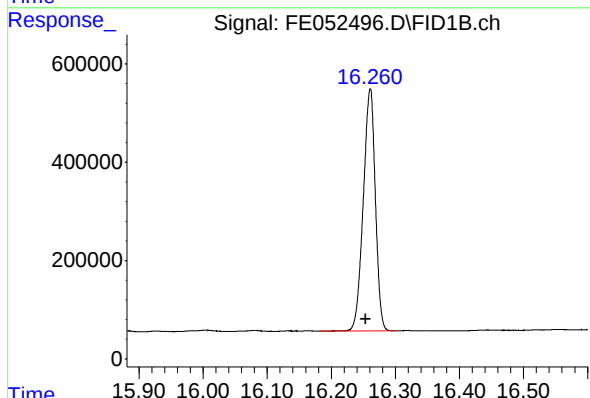
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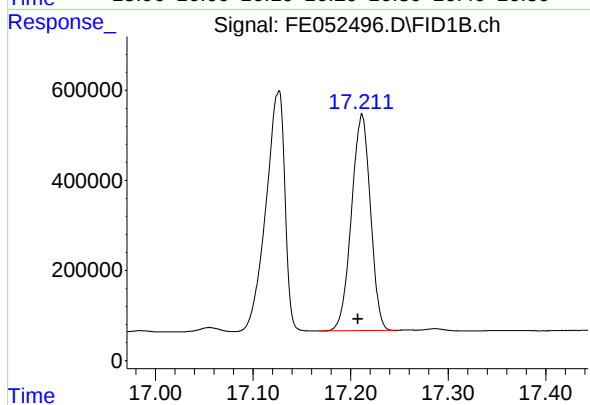
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.007 min
Response: 13854865
Conc: 88.10 ug/ml



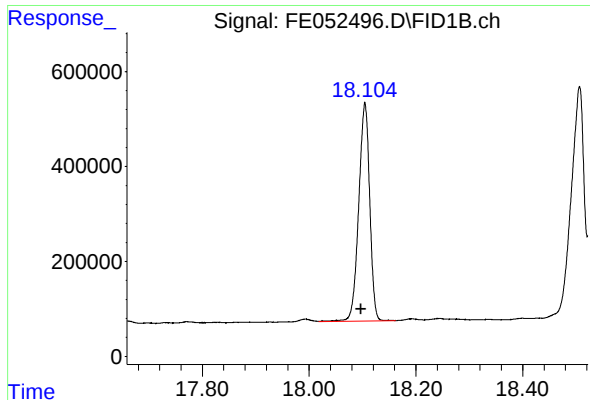
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.007 min
Response: 6459882
Conc: 41.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: 0.004 min
Response: 6490165
Conc: 42.43 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.104 min
Delta R.T.: 0.007 min
Response: 6542833
Conc: 41.91 ug/ml

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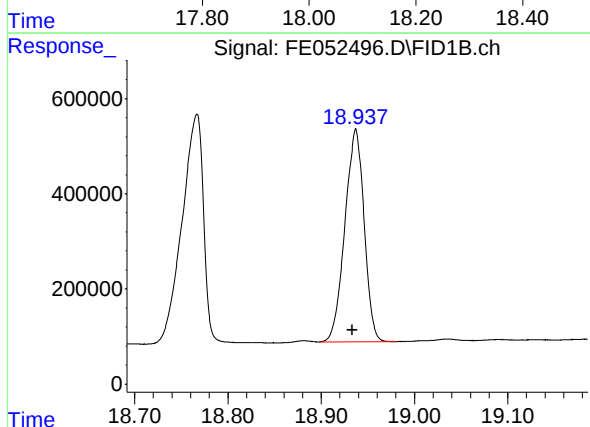
ClientSampleId :

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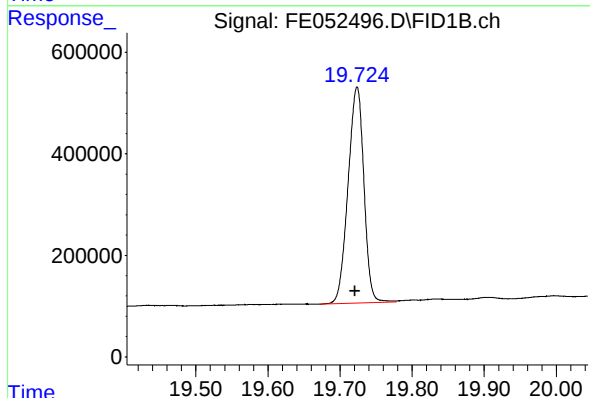
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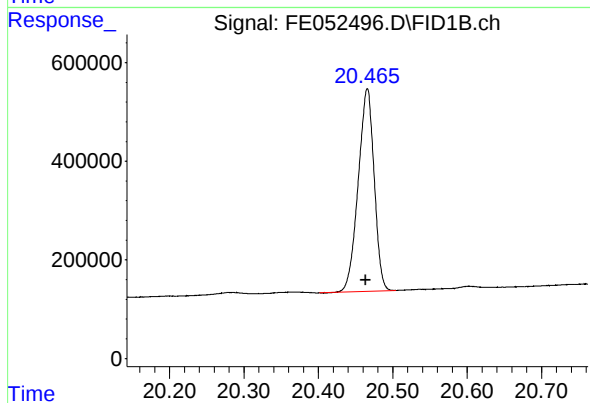
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: 0.003 min
Response: 6397957
Conc: 41.81 ug/ml m



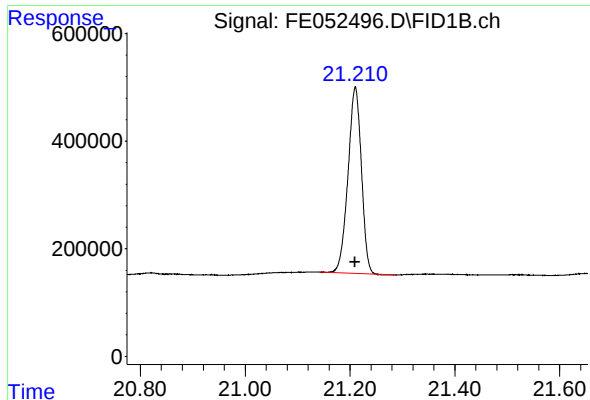
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: 0.003 min
Response: 6509150
Conc: 45.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: 0.002 min
Response: 6115495
Conc: 49.07 ug/ml



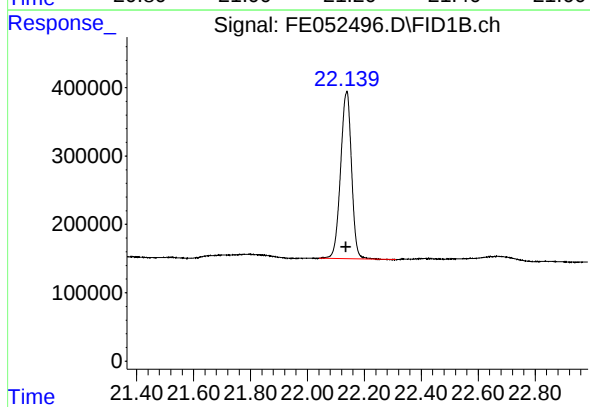
#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: 0.000 min
Response: 6146421
Conc: 56.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: 0.003 min
Response: 6532081
Conc: 64.94 ug/ml