

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021925AL\
 Data File : FE052406.D
 Signal(s) : FID1B.ch
 Acq On : 19 Feb 2025 15:33
 Operator : YP\AJ
 Sample : Q1384-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-021823025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/20/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File: autoint1.e
 Quant Time: Feb 20 00:19:13 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)	11.919	3857519	20.636 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
12) S 1-chlorooctadecane (S...	13.365	4455488	32.055 ug/ml
Spiked Amount 50.000		Recovery =	64.11%
Target Compounds			
1) T n-Nonane (C9)	3.257	3699286	24.100 ug/ml
2) T n-Decane (C10)	4.520	4269027	27.333 ug/ml
3) T A~Naphthalene (C11.7)	6.231	5397864	31.243 ug/ml
4) T n-Dodecane (C12)	6.701	4851413	30.736 ug/ml
5) T A~2-methylnaphthalene...	7.334	5205746	30.996 ug/ml
6) T n-Tetradecane (C14)	8.540	5409494	34.343 ug/ml
7) T n-Hexadecane (C16)	10.155	5523089	33.793 ug/ml
8) T n-Octadecane (C18)	11.605	5348967	32.328 ug/ml
10) T n-Eicosane (C20)	12.921	5488603	34.428 ug/ml
11) T n-Heneicosane (C21)	13.535	5198287	33.180 ug/ml
13) T n-Docosane (C22)	14.124	5253518	33.569 ug/ml
14) T n-Tetracosane (C24)	15.213	10879683	69.178 ug/ml
15) T n-Hexacosane (C26)	16.258	4920938	31.771 ug/ml
16) T n-Octacosane (C28)	17.210	5078100	33.198 ug/ml
17) T n-Tricontane (C30)	18.101	4815304	30.848 ug/mlm
18) T n-Dotriacontane (C32)	18.936	4616622	30.170 ug/mlm
19) T n-Tetratriacontane (C34)	19.724	4712819	33.128 ug/ml
20) T n-Hexatriacontane (C36)	20.468	4376988	35.118 ug/ml
21) T n-Octatriacontane (C38)	21.213	4271156	39.077 ug/ml
22) T n-Tetracontane (C40)	22.144	5791602	57.577 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

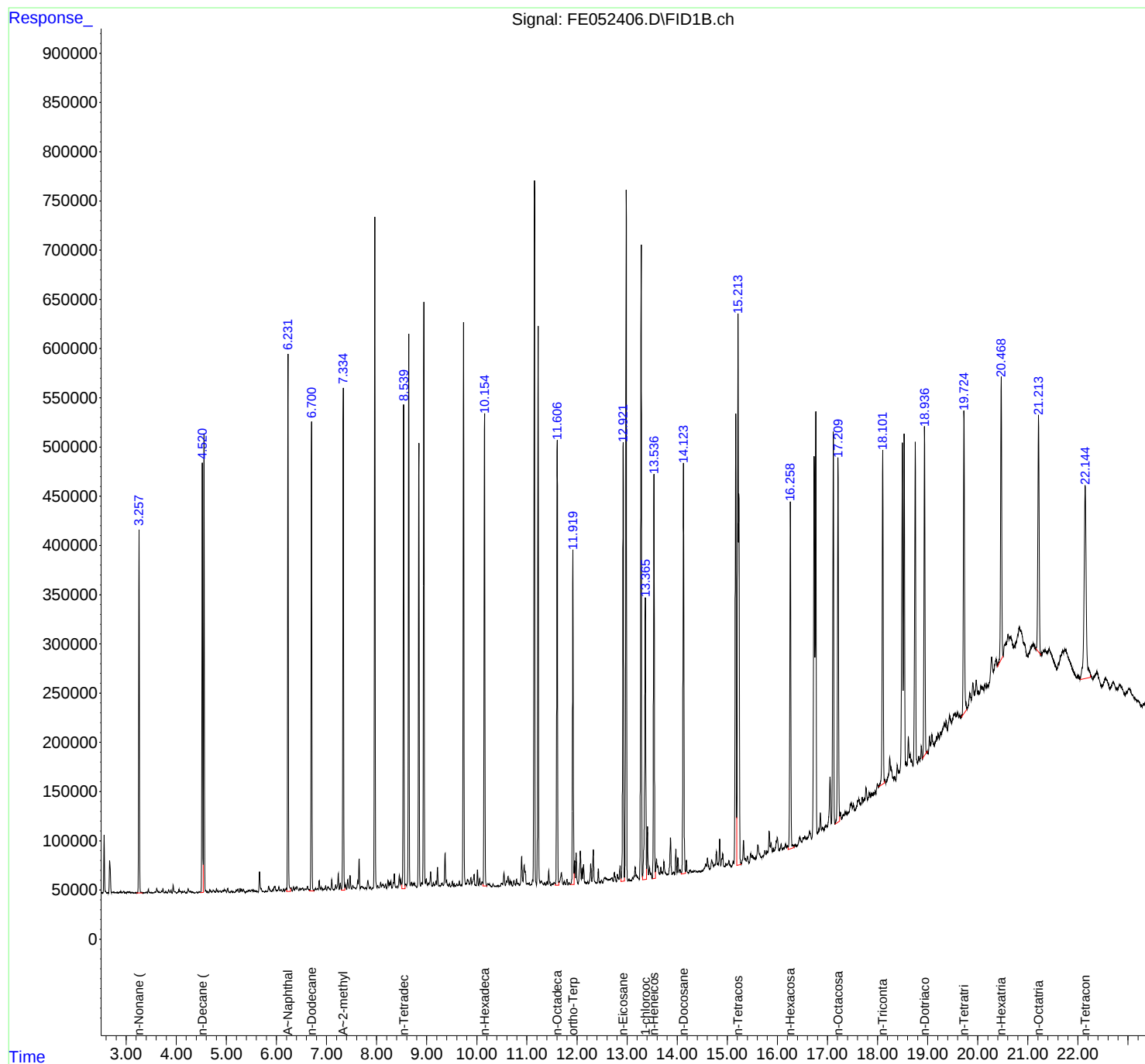
Instrument :
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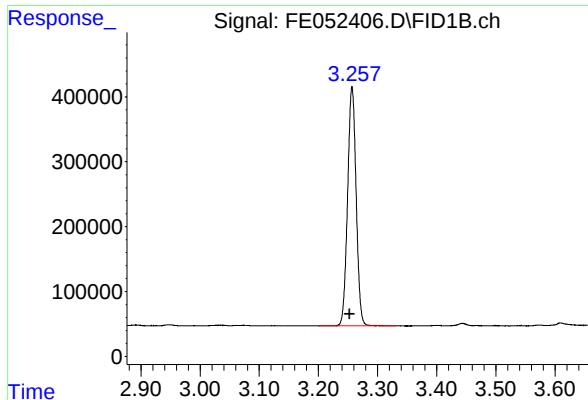
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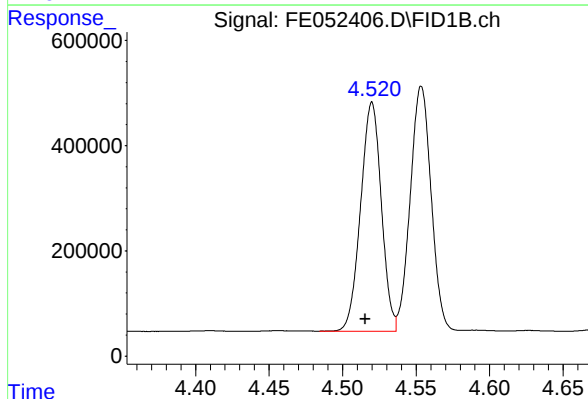
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: 0.004 min
Response: 3699286
Conc: 24.10 ug/ml

Instrument : FID_E
ClientSampleId : OR-03-021823025MS

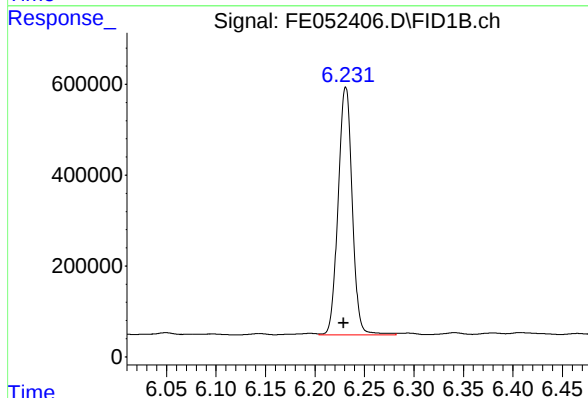
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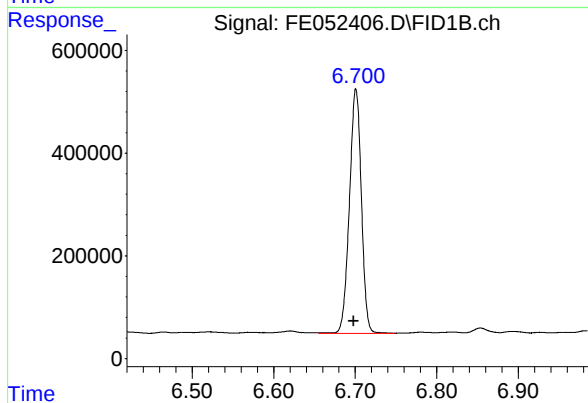
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.005 min
Response: 4269027
Conc: 27.33 ug/ml



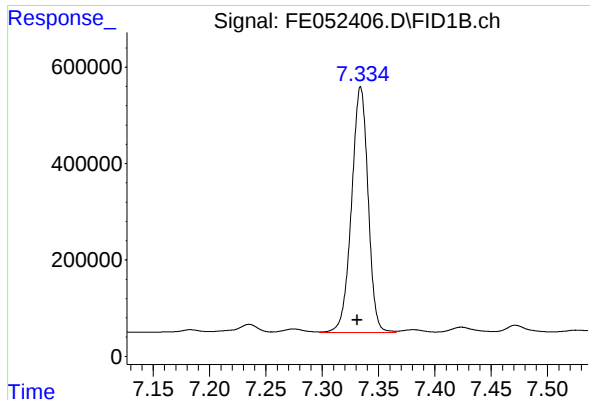
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.002 min
Response: 5397864
Conc: 31.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: 0.003 min
Response: 4851413
Conc: 30.74 ug/ml



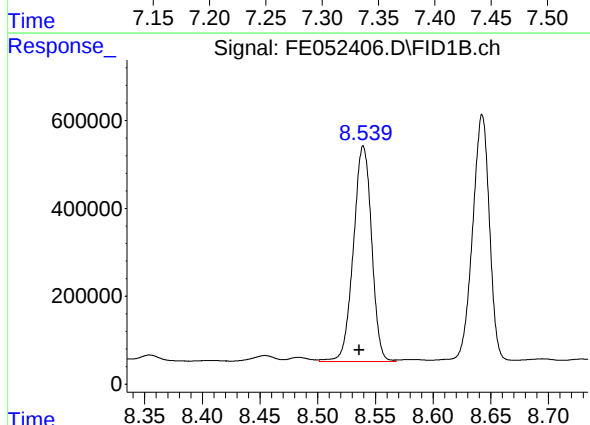
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: 0.003 min
Response: 5205746
Conc: 31.00 ug/ml

Instrument :
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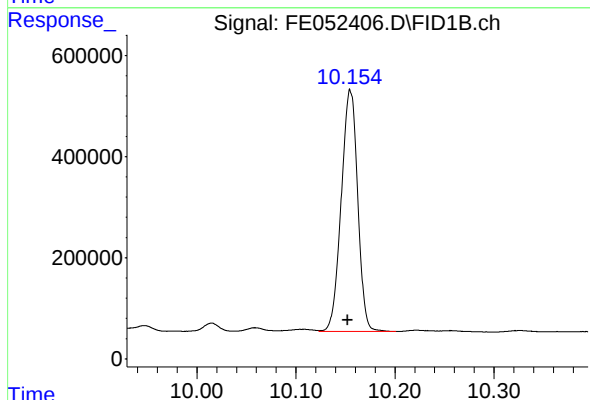
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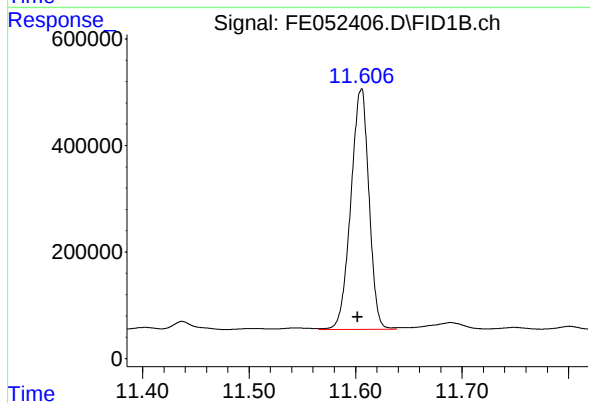
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: 0.004 min
Response: 5409494
Conc: 34.34 ug/ml



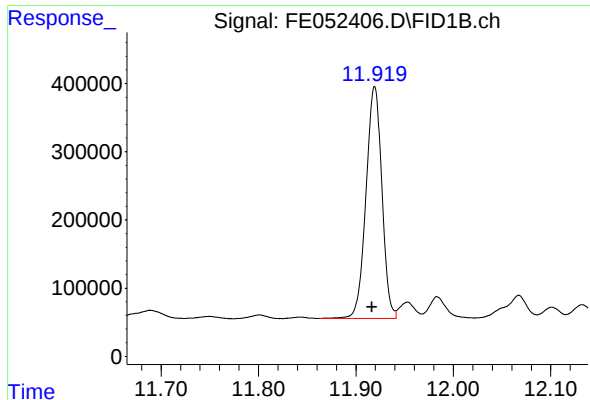
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: 0.003 min
Response: 5523089
Conc: 33.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.605 min
Delta R.T.: 0.003 min
Response: 5348967
Conc: 32.33 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: 0.003 min
Response: 3857519
Conc: 20.64 ug/ml

Instrument :

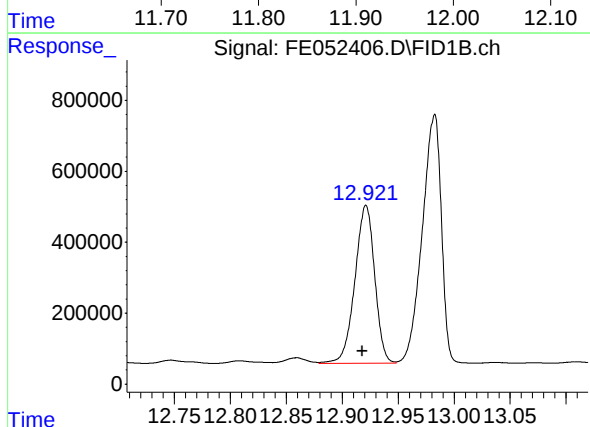
FID_E

ClientSampleId :

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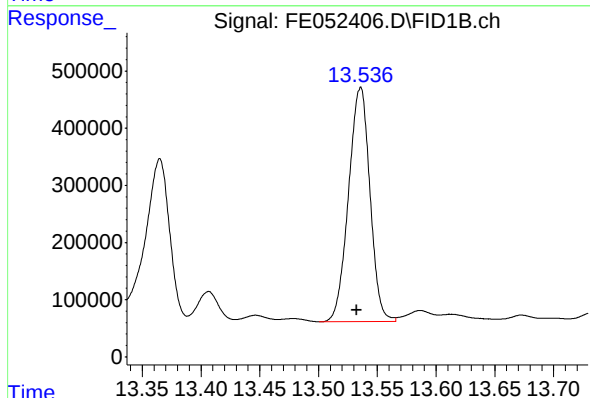
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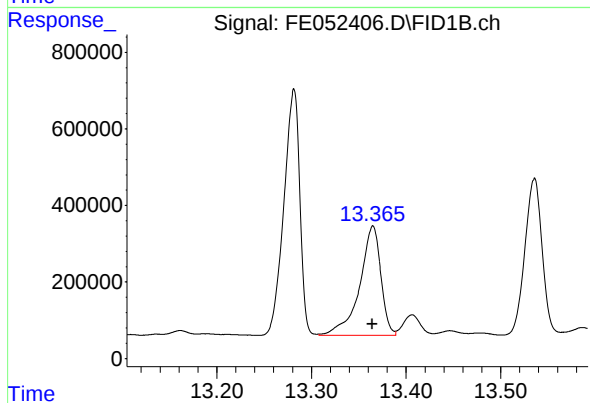
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: 0.003 min
Response: 5488603
Conc: 34.43 ug/ml



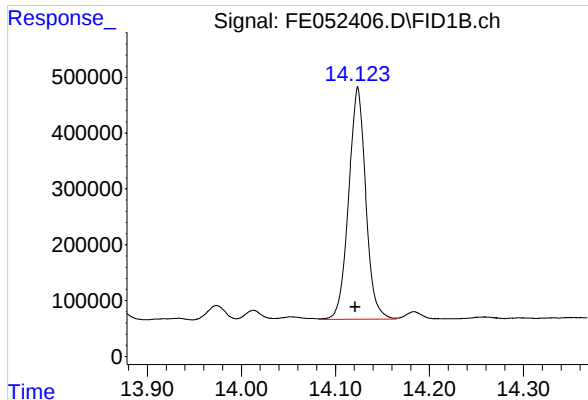
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.003 min
Response: 5198287
Conc: 33.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: 0.000 min
Response: 4455488
Conc: 32.05 ug/ml



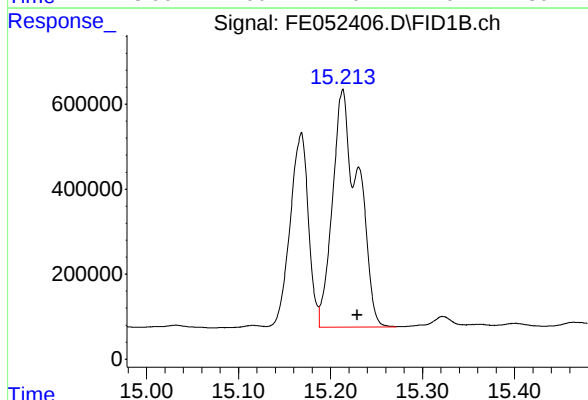
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: 0.003 min
Response: 5253518
Conc: 33.57 ug/ml

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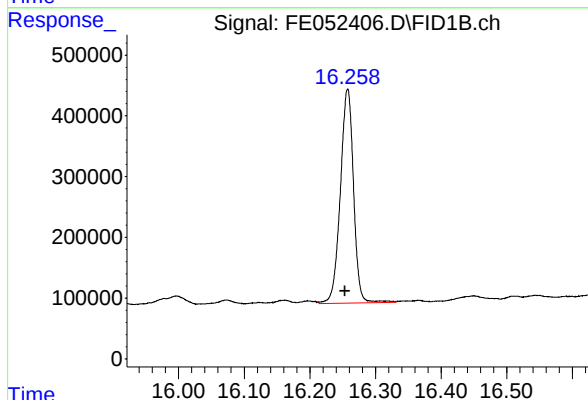
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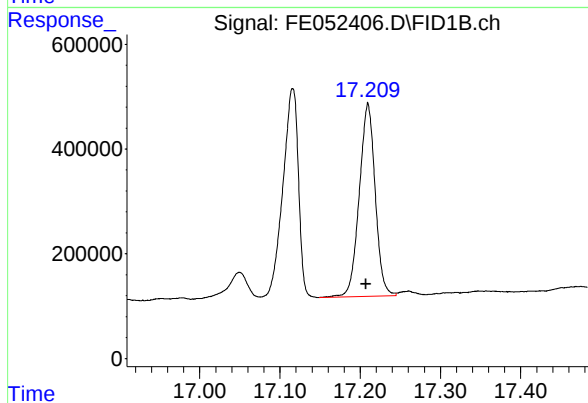
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.016 min
Response: 10879683
Conc: 69.18 ug/ml



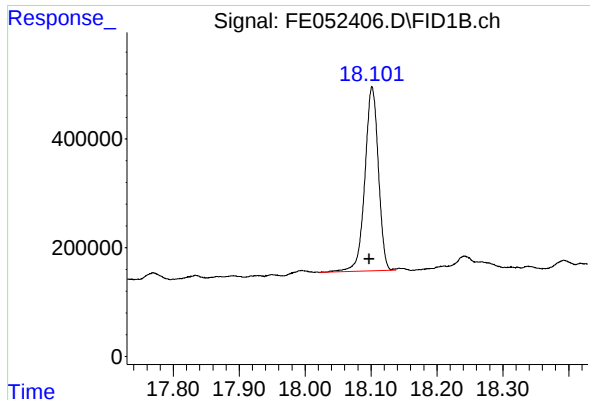
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: 0.004 min
Response: 4920938
Conc: 31.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.210 min
Delta R.T.: 0.002 min
Response: 5078100
Conc: 33.20 ug/ml



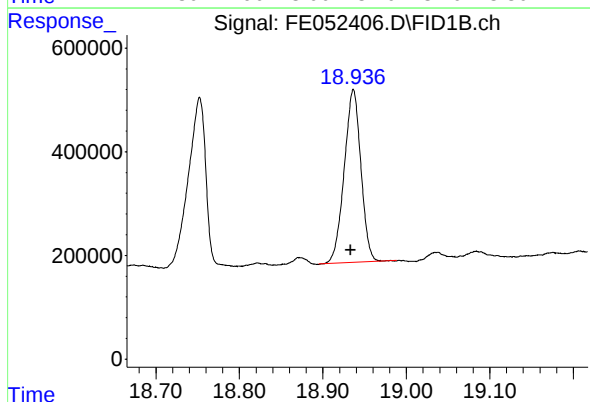
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.004 min
Response: 4815304
Conc: 30.85 ug/ml

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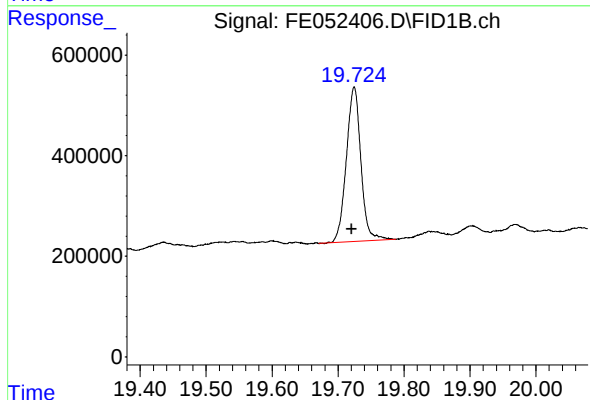
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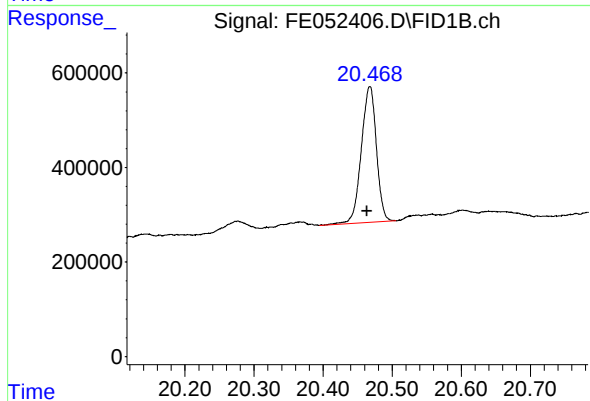
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.003 min
Response: 4616622
Conc: 30.17 ug/ml



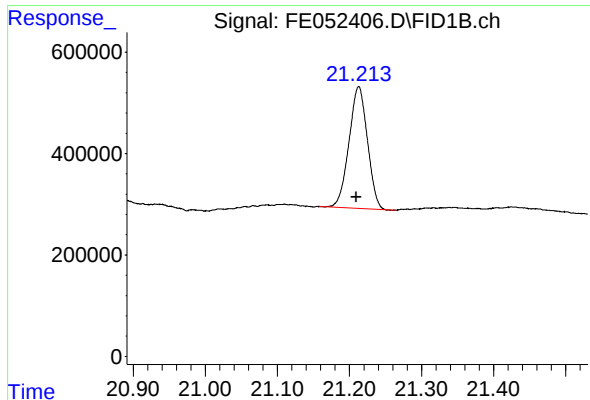
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.004 min
Response: 4712819
Conc: 33.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: 0.004 min
Response: 4376988
Conc: 35.12 ug/ml



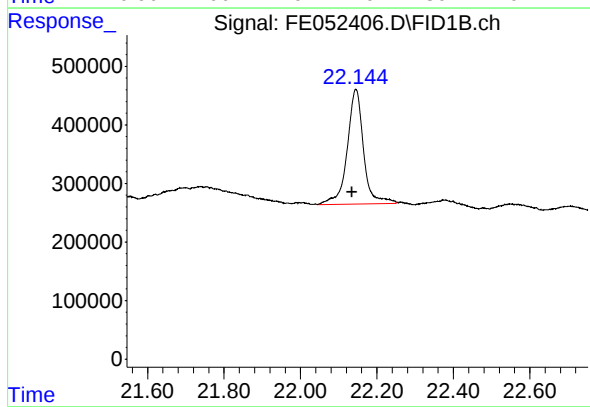
#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.003 min
Response: 4271156
Conc: 39.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: 0.009 min
Response: 5791602
Conc: 57.58 ug/ml m