

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022425AL\
 Data File : FE052473.D
 Signal(s) : FID1B.ch
 Acq On : 24 Feb 2025 18:20
 Operator : YP\AJ
 Sample : Q1411-03MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HR-03-02212025MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/25/2025

Supervised By :Ankita Jodhani 02/25/2025

Integration File: autoint1.e

Quant Time: Feb 25 00:29:25 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)	11.922	4805328	25.706 ug/ml
Spiked Amount 50.000		Recovery =	51.41%
12) S 1-chlorooctadecane (S...	13.368	3894168	28.016 ug/mlm
Spiked Amount 50.000		Recovery =	56.03%
Target Compounds			
1) T n-Nonane (C9)	3.259	4455959	29.029 ug/ml
2) T n-Decane (C10)	4.521	4939869	31.628 ug/ml
3) T A~Naphthalene (C11.7)	6.233	5984286	34.637 ug/ml
4) T n-Dodecane (C12)	6.701	5341230	33.839 ug/ml
5) T A~2-methylnaphthalene...	7.336	5833003	34.731 ug/ml
6) T n-Tetradecane (C14)	8.541	6026594	38.261 ug/ml
7) T n-Hexadecane (C16)	10.156	6265196	38.334 ug/ml
8) T n-Octadecane (C18)	11.607	6197510	37.456 ug/ml
10) T n-Eicosane (C20)	12.923	6348033	39.819 ug/ml
11) T n-Heneicosane (C21)	13.537	6046484	38.593 ug/ml
13) T n-Docosane (C22)	14.126	6012458	38.419 ug/ml
14) T n-Tetracosane (C24)	15.219	12215259	77.671 ug/ml
15) T n-Hexacosane (C26)	16.259	5830356	37.642 ug/ml
16) T n-Octacosane (C28)	17.212	5908581	38.628 ug/ml
17) T n-Tricontane (C30)	18.104	6142522	39.350 ug/ml
18) T n-Dotriacontane (C32)	18.938	5734912	37.478 ug/ml
19) T n-Tetratriacontane (C34)	19.725	5856959	41.170 ug/ml
20) T n-Hexatriacontane (C36)	20.468	5459317	43.802 ug/ml
21) T n-Octatriacontane (C38)	21.216	5390429	49.317 ug/ml
22) T n-Tetracontane (C40)	22.146	6338165	63.010 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q1411-03MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

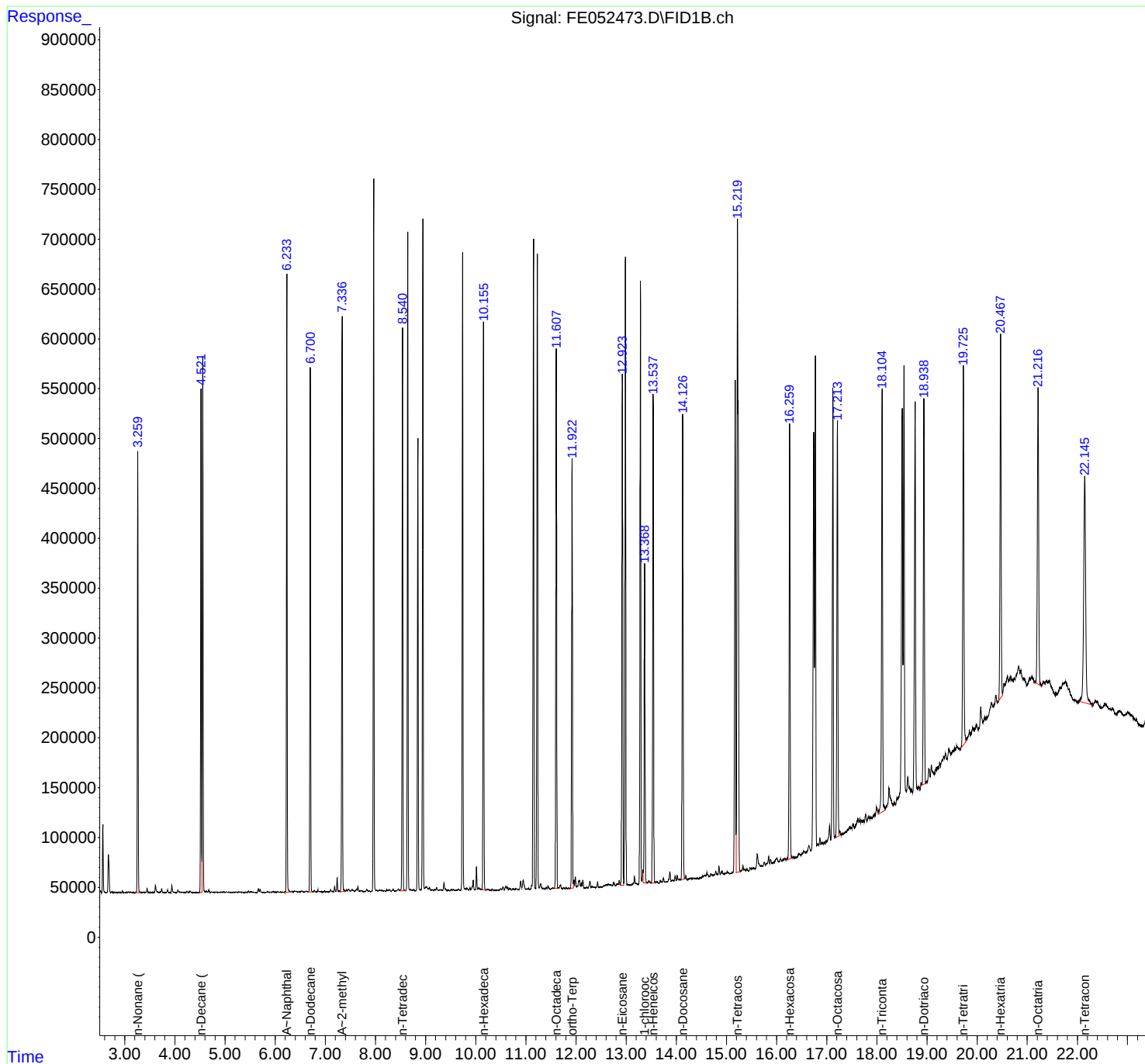
Instrument :
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HR-03-02212025MS

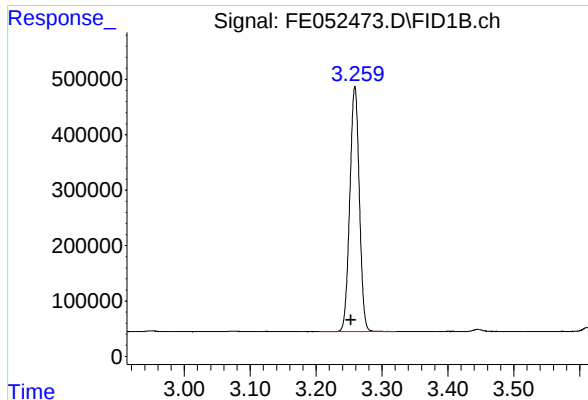
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Quant Title : GC Extractables
QLast Update : Fri Feb 14 00:50:00 2025
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: 0.006 min
Response: 4455959
Conc: 29.03 ug/ml

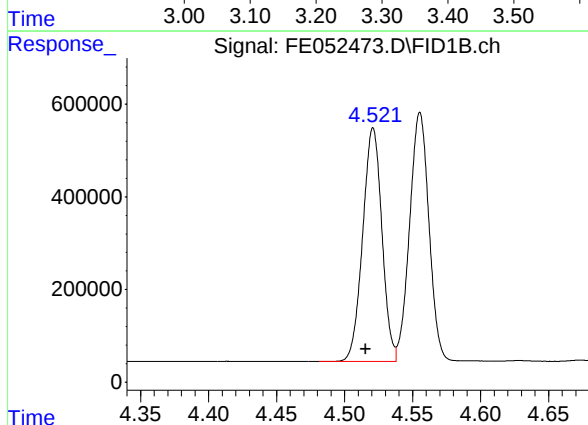
Instrument :

FID_E

ClientSampleId :
HR-03-02212025MS

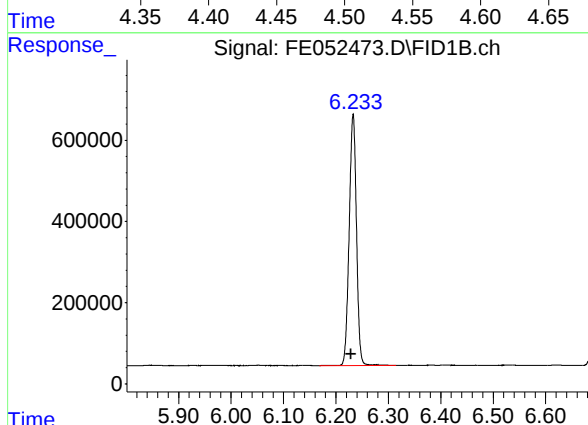
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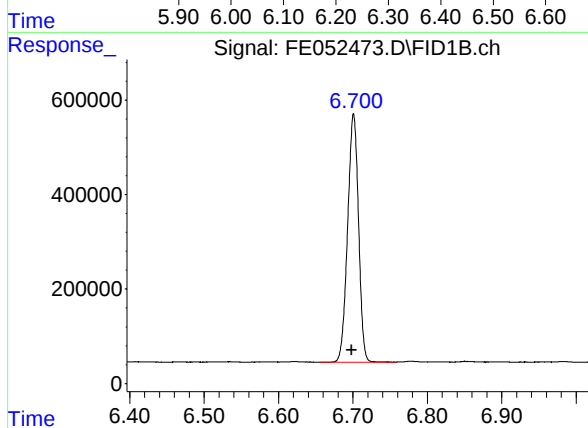
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.006 min
Response: 4939869
Conc: 31.63 ug/ml



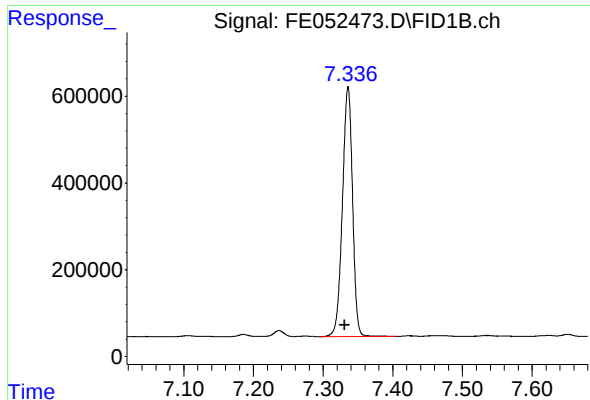
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: 0.004 min
Response: 5984286
Conc: 34.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: 0.003 min
Response: 5341230
Conc: 33.84 ug/ml



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

R.T.: 7.336 min
Delta R.T.: 0.005 min
Response: 5833003
Conc: 34.73 ug/ml

Instrument :

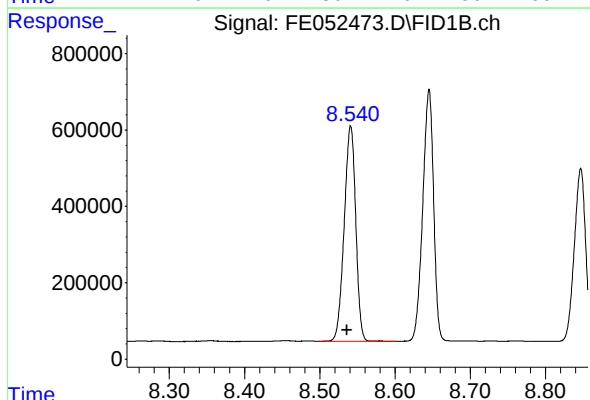
FID_E

ClientSampleId :

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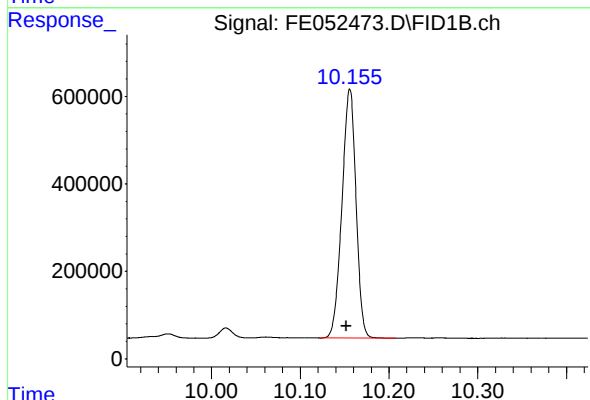
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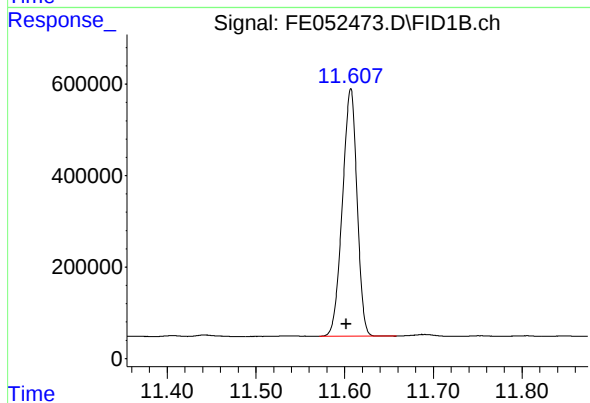
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: 0.005 min
Response: 6026594
Conc: 38.26 ug/ml



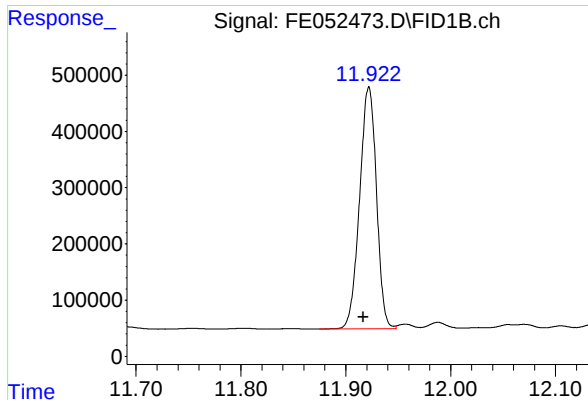
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: 0.004 min
Response: 6265196
Conc: 38.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: 0.005 min
Response: 6197510
Conc: 37.46 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: 0.005 min
Response: 4805328
Conc: 25.71 ug/ml

Instrument :

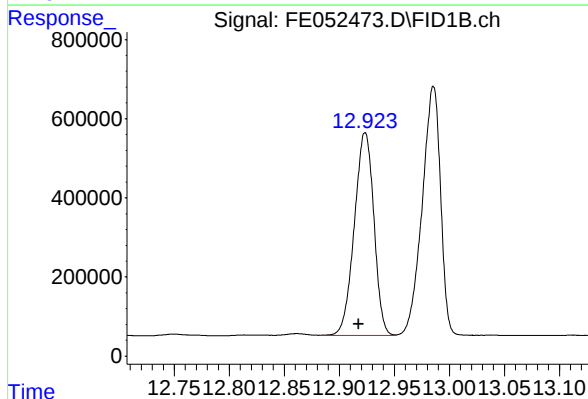
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ClientSampleId :

HR-03-02212025MS

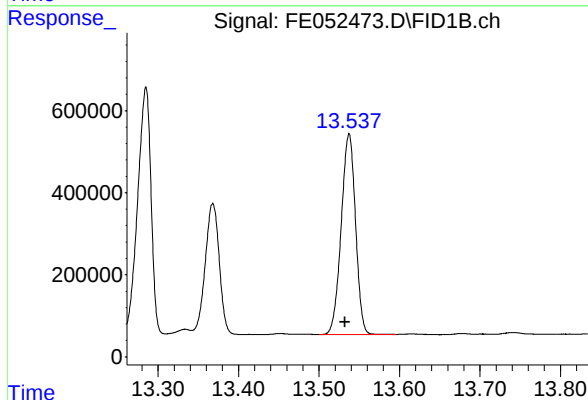
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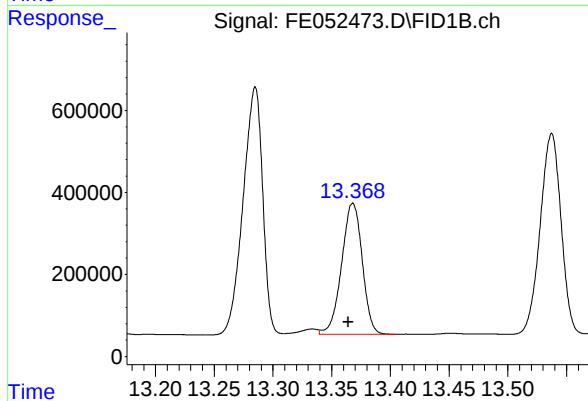
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.006 min
Response: 6348033
Conc: 39.82 ug/ml



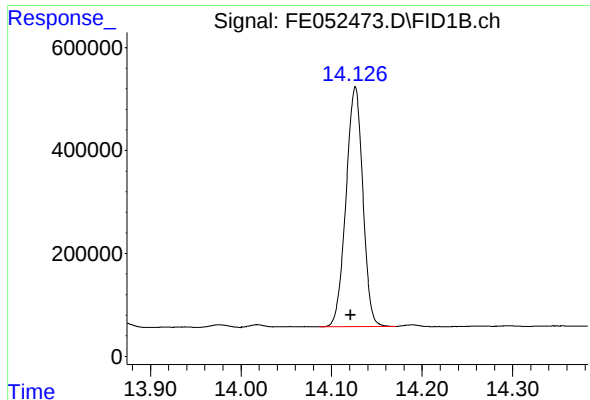
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.005 min
Response: 6046484
Conc: 38.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: 0.004 min
Response: 3894168
Conc: 28.02 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: 0.005 min
Response: 6012458
Conc: 38.42 ug/ml

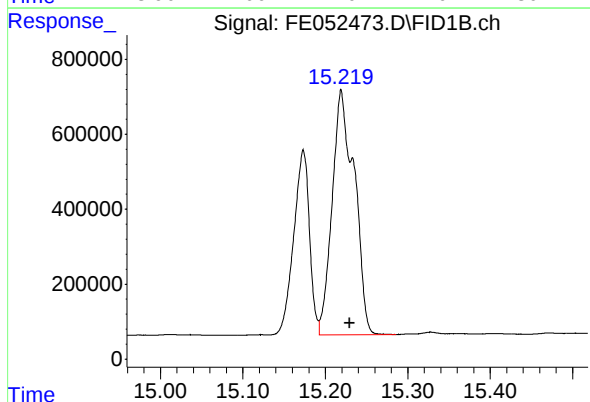
Instrument :

FID_E

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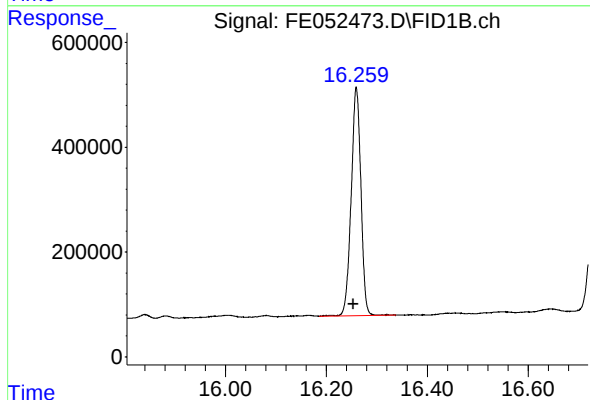
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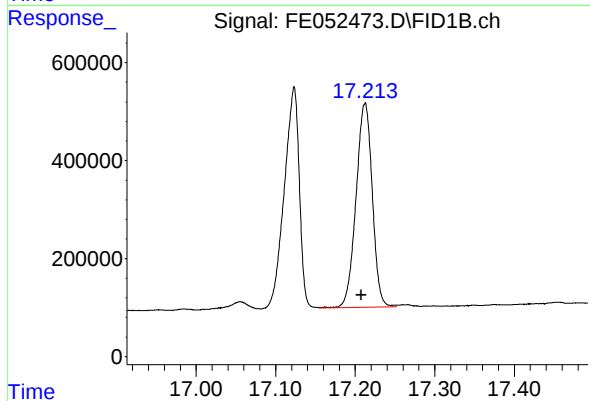
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: -0.010 min
Response: 12215259
Conc: 77.67 ug/ml



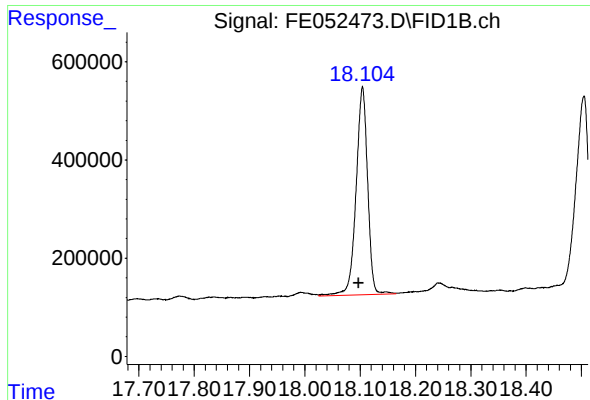
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: 0.006 min
Response: 5830356
Conc: 37.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: 0.005 min
Response: 5908581
Conc: 38.63 ug/ml



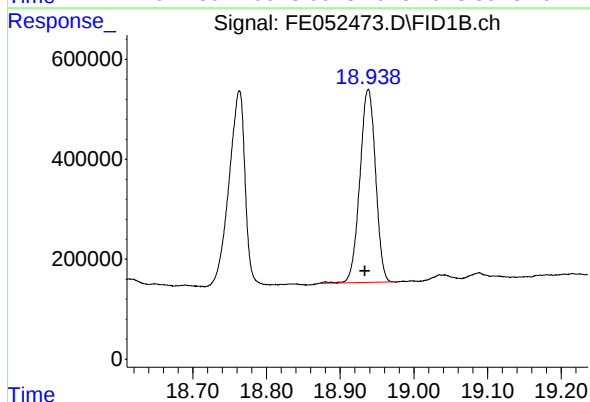
#17 n-Tricontane (C30)

R.T.: 18.104 min
Delta R.T.: 0.007 min
Response: 6142522
Conc: 39.35 ug/ml

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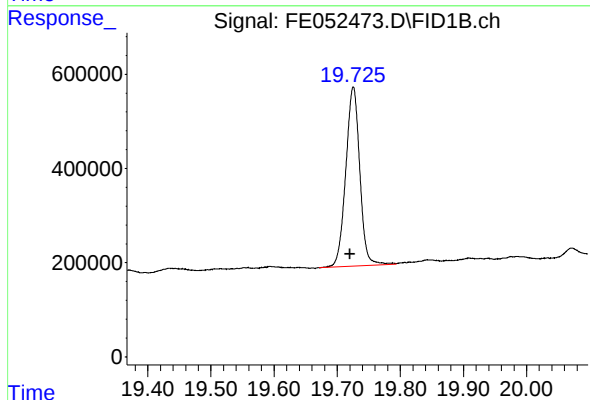
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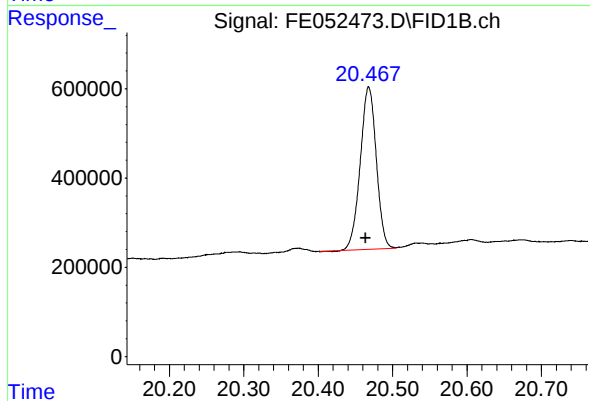
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.005 min
Response: 5734912
Conc: 37.48 ug/ml



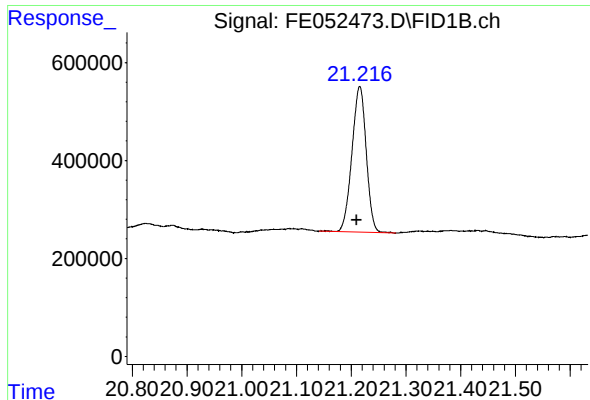
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.005 min
Response: 5856959
Conc: 41.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: 0.004 min
Response: 5459317
Conc: 43.80 ug/ml



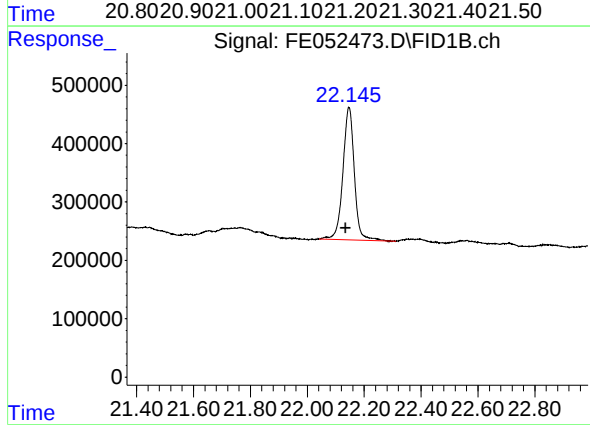
#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: 0.006 min
Response: 5390429
Conc: 49.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.011 min
Response: 6338165
Conc: 63.01 ug/ml