

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012025AL\
 Data File : FE051965.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2025 14:18
 Operator : YP\AJ
 Sample : PB166126BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166126BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :Ankita Jodhani 01/21/2025

Integration File: sample.E
 Quant Time: Jan 21 01:02:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.194	5177498	36.225 ug/ml
Spiked Amount 50.000		Recovery =	72.45%
12) S 1-chlorooctadecane (S...	13.615	4365900	38.059 ug/ml
Spiked Amount 50.000		Recovery =	76.12%
Target Compounds			
1) T n-Nonane (C9)	3.638	4223646	39.617 ug/ml
2) T n-Decane (C10)	4.870	4512035	41.214 ug/ml
3) T A~Naphthalene (C11.7)	6.570	5338207	43.930 ug/ml
4) T n-Dodecane (C12)	7.009	4755540	42.135 ug/ml
5) T A~2-methylnaphthalene...	7.655	5018299	42.035 ug/ml
6) T n-Tetradecane (C14)	8.827	4979757	42.815 ug/ml
7) T n-Hexadecane (C16)	10.427	5075319	40.242 ug/ml
8) T n-Octadecane (C18)	11.864	5165925	39.045 ug/ml
10) T n-Eicosane (C20)	13.169	5361653	40.899 ug/ml
11) T n-Heneicosane (C21)	13.779	5155505	39.608 ug/ml
13) T n-Docosane (C22)	14.364	5130910	39.097 ug/ml
14) T n-Tetracosane (C24)	15.468	10411942	78.385 ug/ml
15) T n-Hexacosane (C26)	16.483	4973607	37.626 ug/ml
16) T n-Octacosane (C28)	17.427	4904860	37.162 ug/ml
17) T n-Tricontane (C30)	18.313	4865732	35.688 ug/ml
18) T n-Dotriacontane (C32)	19.142	4738499	36.157 ug/mlm
19) T n-Tetratriacontane (C34)	19.921	4758165	42.263 ug/mlm
20) T n-Hexatriacontane (C36)	20.661	4641152	48.864 ug/ml
21) T n-Octatriacontane (C38)	21.457	4576929	52.985 ug/ml
22) T n-Tetracontane (C40)	22.467	4805613	58.313 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB166126BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

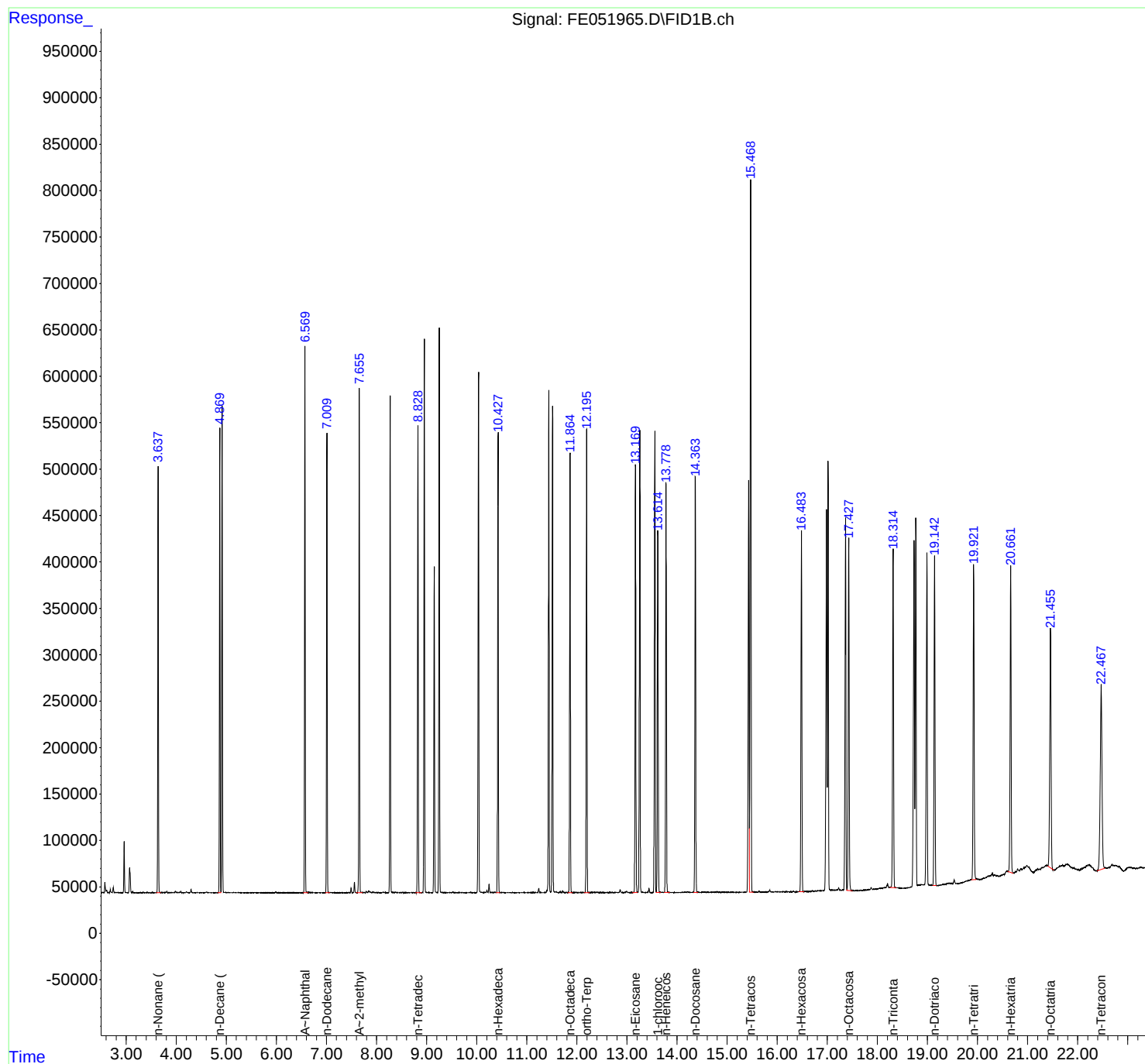
Instrument :
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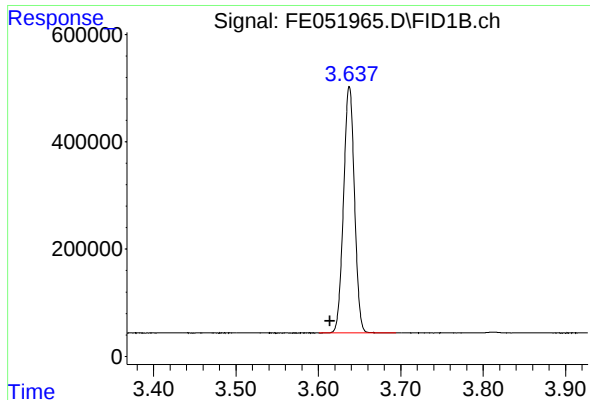
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.638 min
Delta R.T.: 0.024 min
Response: 4223646
Conc: 39.62 ug/ml

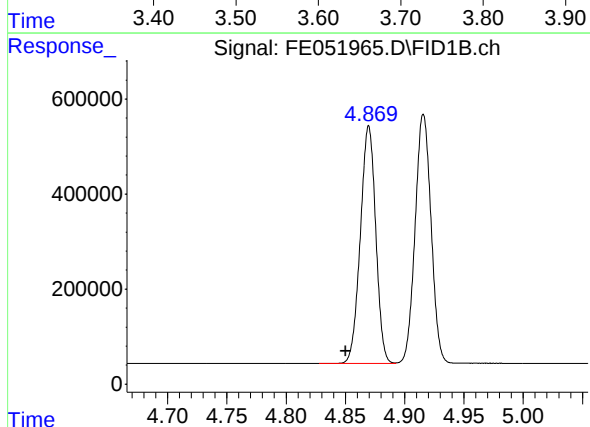
Instrument :

FID_E

ClientSampleId :
PB166126BS

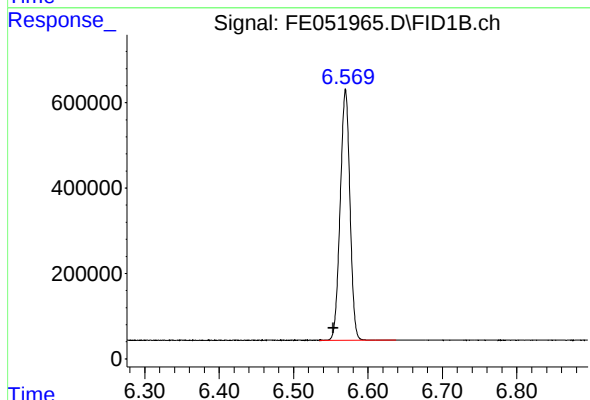
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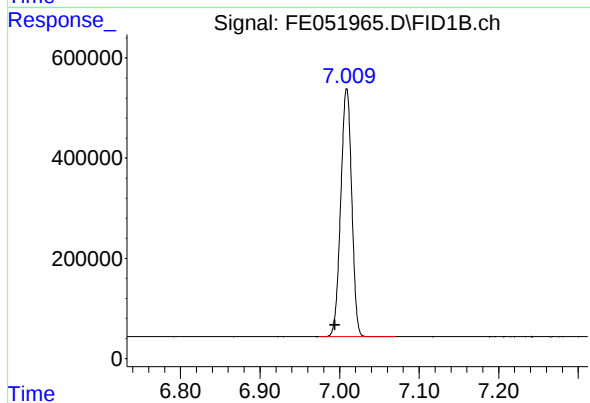
#2 n-Decane (C10)

R.T.: 4.870 min
Delta R.T.: 0.020 min
Response: 4512035
Conc: 41.21 ug/ml



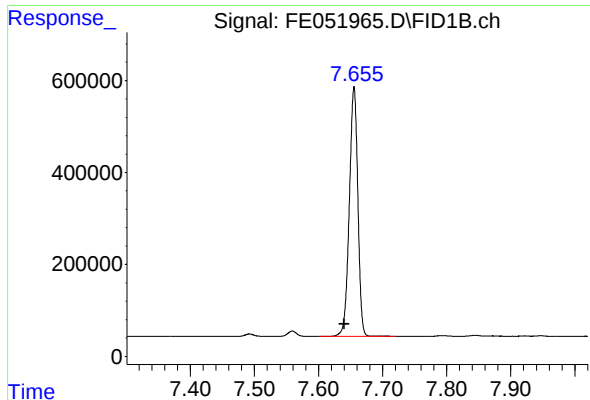
#3 A~Naphthalene (C11.7)

R.T.: 6.570 min
Delta R.T.: 0.016 min
Response: 5338207
Conc: 43.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.009 min
Delta R.T.: 0.015 min
Response: 4755540
Conc: 42.13 ug/ml



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

R.T.: 7.655 min
Delta R.T.: 0.015 min
Response: 5018299
Conc: 42.03 ug/ml

Instrument :

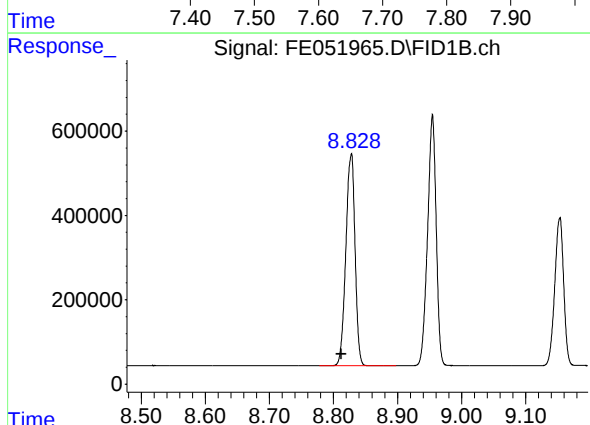
FID_E

ClientSampleId :

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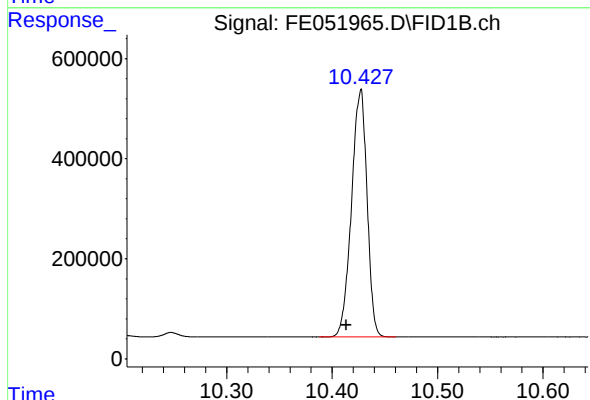
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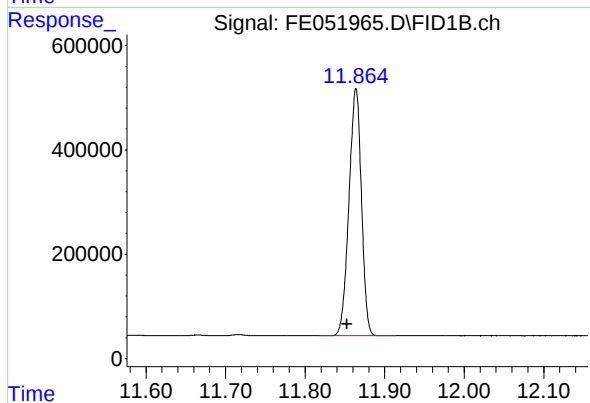
#6 n-Tetradecane (C14)

R.T.: 8.827 min
Delta R.T.: 0.015 min
Response: 4979757
Conc: 42.81 ug/ml



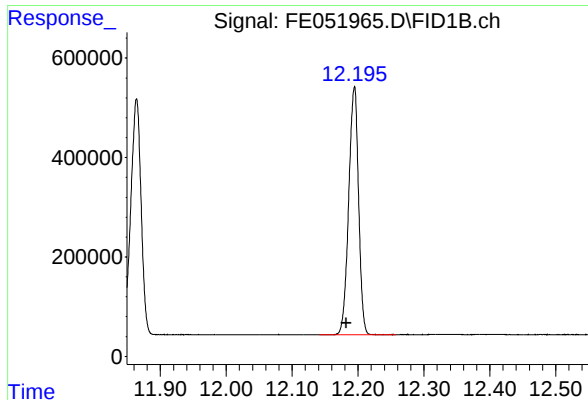
#7 n-Hexadecane (C16)

R.T.: 10.427 min
Delta R.T.: 0.013 min
Response: 5075319
Conc: 40.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.864 min
Delta R.T.: 0.011 min
Response: 5165925
Conc: 39.05 ug/ml



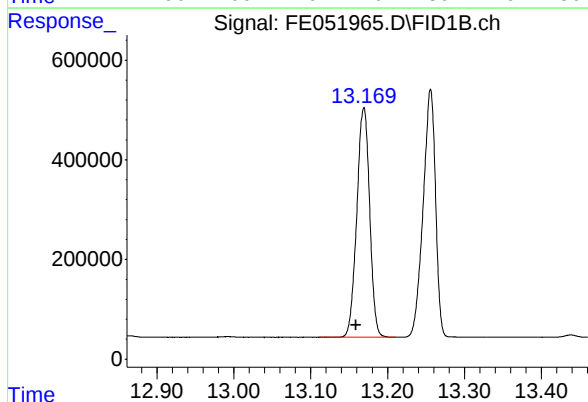
#9 ortho-Terphenyl (SURR)

R.T.: 12.194 min
Delta R.T.: 0.012 min
Response: 5177498
Conc: 36.22 ug/ml

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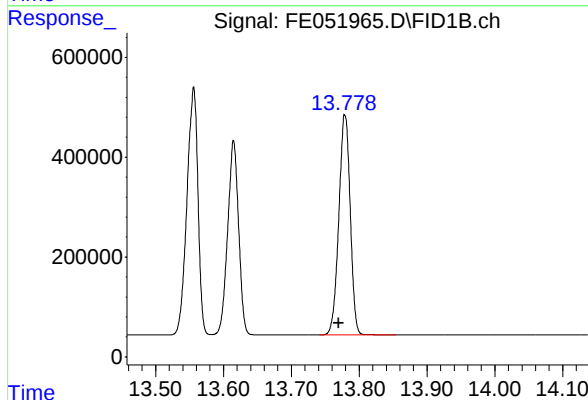
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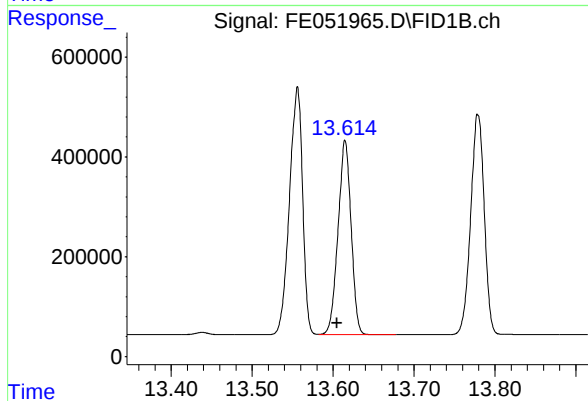
#10 n-Eicosane (C20)

R.T.: 13.169 min
Delta R.T.: 0.010 min
Response: 5361653
Conc: 40.90 ug/ml



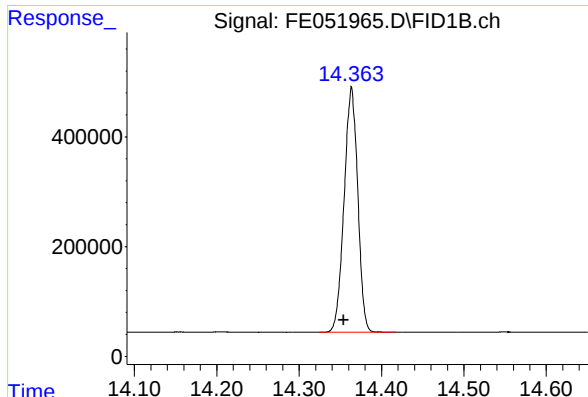
#11 n-Heneicosane (C21)

R.T.: 13.779 min
Delta R.T.: 0.010 min
Response: 5155505
Conc: 39.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.615 min
Delta R.T.: 0.010 min
Response: 4365900
Conc: 38.06 ug/ml



#13 n-Docosane (C22)

R.T.: 14.364 min
Delta R.T.: 0.009 min
Response: 5130910
Conc: 39.10 ug/ml

Instrument :

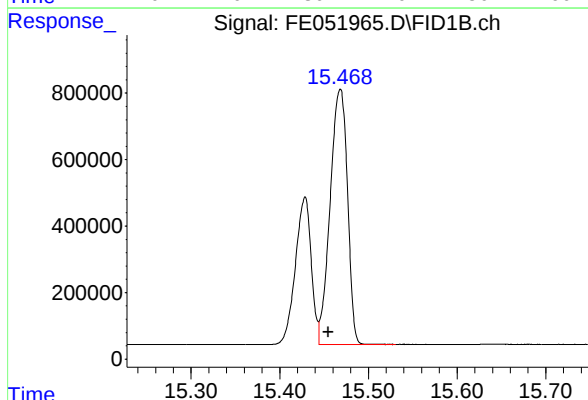
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ClientSampleId :

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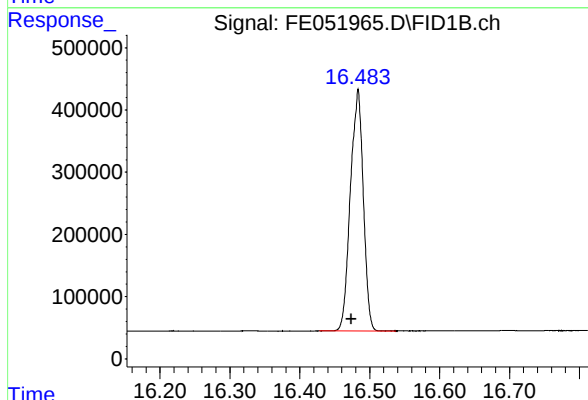
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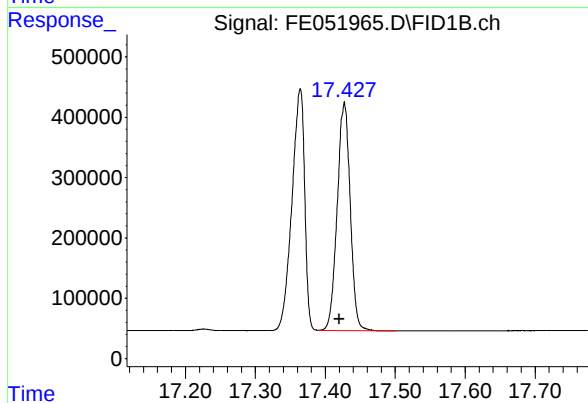
#14 n-Tetracosane (C24)

R.T.: 15.468 min
Delta R.T.: 0.013 min
Response: 10411942
Conc: 78.39 ug/ml



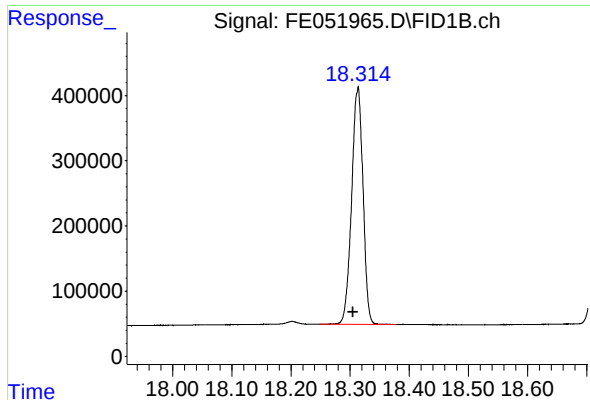
#15 n-Hexacosane (C26)

R.T.: 16.483 min
Delta R.T.: 0.009 min
Response: 4973607
Conc: 37.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.427 min
Delta R.T.: 0.007 min
Response: 4904860
Conc: 37.16 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.313 min
Delta R.T.: 0.008 min
Response: 4865732
Conc: 35.69 ug/ml

Instrument :

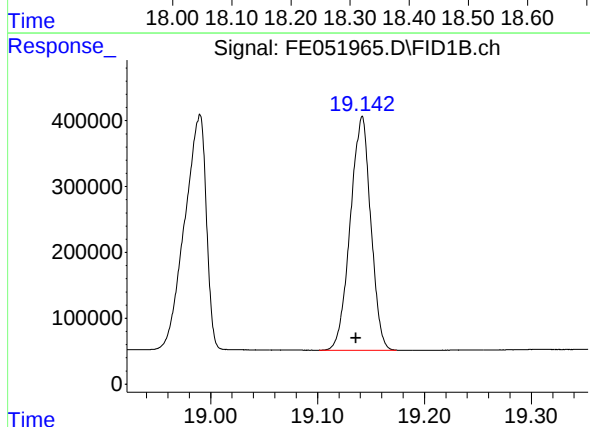
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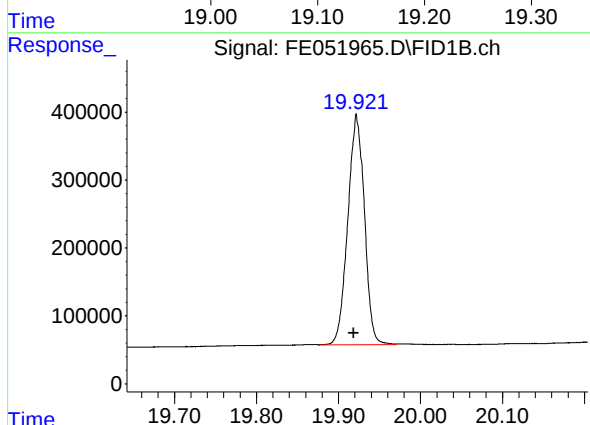
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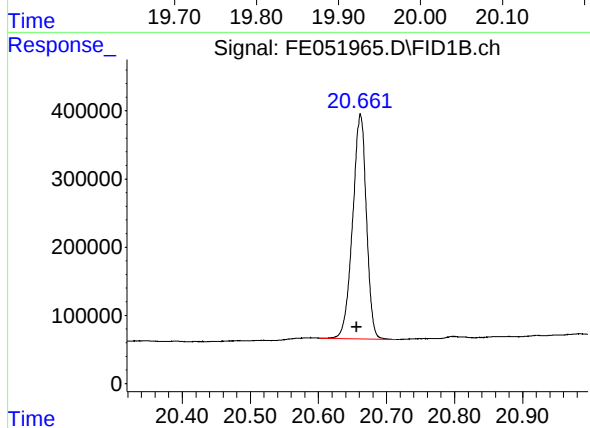
#18 n-Dotriacontane (C32)

R.T.: 19.142 min
Delta R.T.: 0.006 min
Response: 4738499
Conc: 36.16 ug/ml m



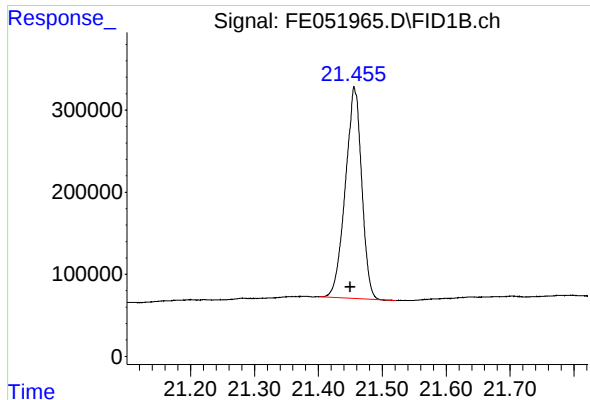
#19 n-Tetratriacontane (C34)

R.T.: 19.921 min
Delta R.T.: 0.003 min
Response: 4758165
Conc: 42.26 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.661 min
Delta R.T.: 0.006 min
Response: 4641152
Conc: 48.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.457 min
Delta R.T.: 0.006 min
Response: 4576929
Conc: 52.98 ug/ml

Instrument :

FID_E

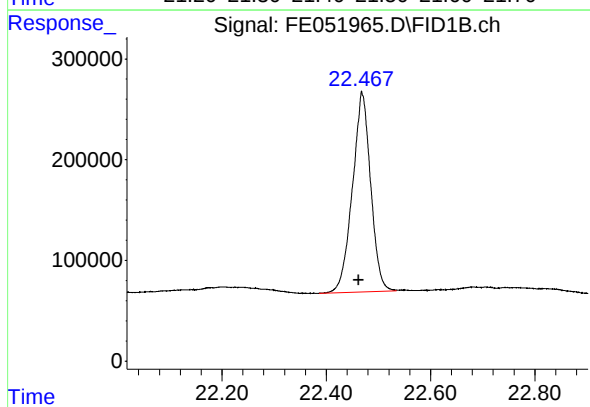
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#22 n-Tetracontane (C40)

R.T.: 22.467 min
Delta R.T.: 0.005 min
Response: 4805613
Conc: 58.31 ug/ml m