

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032825AL\
 Data File : FE053048.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2025 17:08
 Operator : YP\AJ
 Sample : Q1657-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-11998MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/31/2025

Supervised By :mohammad ahmed 04/01/2025

Integration File: autoint1.e

Quant Time: Mar 28 22:55:35 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M

Quant Title : GC Extractables

QLast Update : Mon Mar 03 13:39:39 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)	11.900	4978031	29.528 ug/ml
Spiked Amount 50.000		Recovery =	59.06%
12) S 1-chlorooctadecane (S...	13.344	4888797	40.261 ug/ml
Spiked Amount 50.000		Recovery =	80.52%
Target Compounds			
1) T n-Nonane (C9)	3.237	3661637	23.616 ug/ml
2) T n-Decane (C10)	4.502	4094378	26.063 ug/ml
3) T A~Naphthalene (C11.7)	6.215	5046423	29.756 ug/ml
4) T n-Dodecane (C12)	6.684	4717900	30.301 ug/ml
5) T A~2-methylnaphthalene...	7.318	4866618	30.030 ug/ml
6) T n-Tetradecane (C14)	8.522	5291320	34.970 ug/ml
7) T n-Hexadecane (C16)	10.136	7277587	47.601 ug/ml
8) T n-Octadecane (C18)	11.584	5718163	37.585 ug/ml
10) T n-Eicosane (C20)	12.899	5823270	40.112 ug/ml
11) T n-Heneicosane (C21)	13.512	5399770	37.939 ug/ml
13) T n-Docosane (C22)	14.099	5570920	39.147 ug/ml
14) T n-Tetracosane (C24)	15.195	11275450	78.789 ug/ml
15) T n-Hexacosane (C26)	16.231	4815507	33.866 ug/ml
16) T n-Octacosane (C28)	17.182	4813019	33.848 ug/ml
17) T n-Tricontane (C30)	18.072	4908072	33.230 ug/ml
18) T n-Dotriacontane (C32)	18.905	4850284	33.409 ug/ml
19) T n-Tetratriacontane (C34)	19.691	4999414	37.093 ug/ml
20) T n-Hexatriacontane (C36)	20.431	4993091	42.021 ug/mlm
21) T n-Octatriacontane (C38)	21.170	5149441	46.418 ug/mlm
22) T n-Tetracontane (C40)	22.088	4913260	45.444 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q1657-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

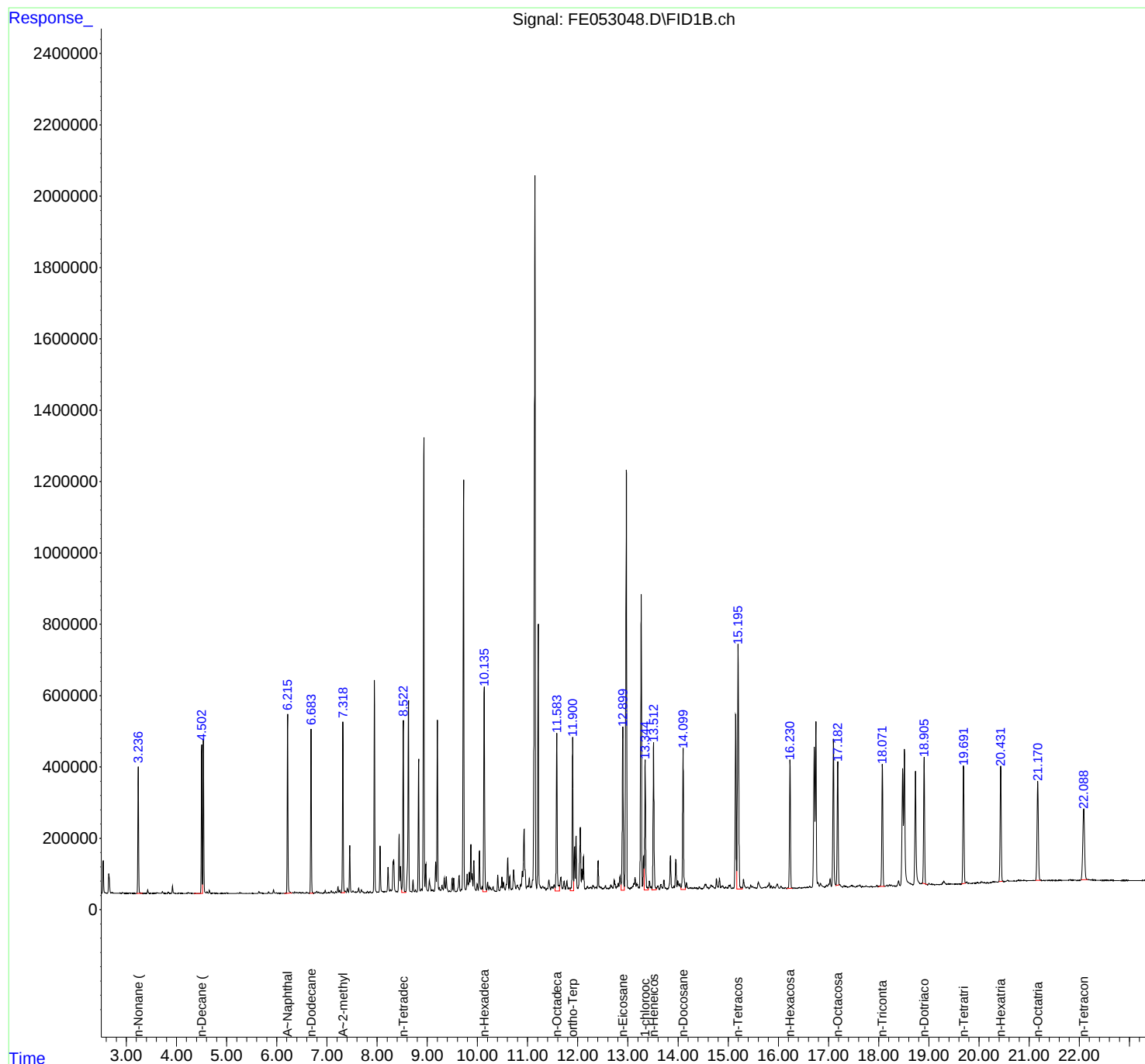
Instrument :
FID_E
ClientSampleId :
72-11998MS

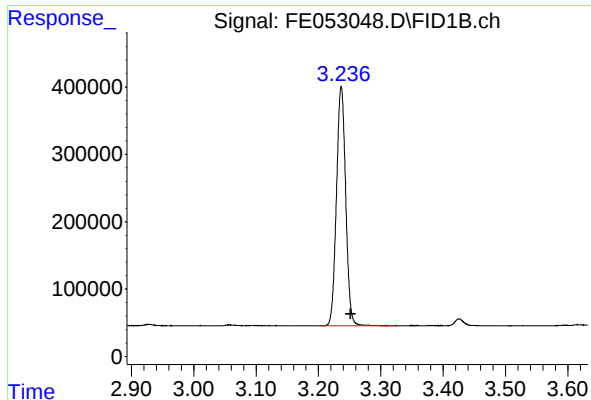
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Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.015 min
Response: 3661637
Conc: 23.62 ug/ml

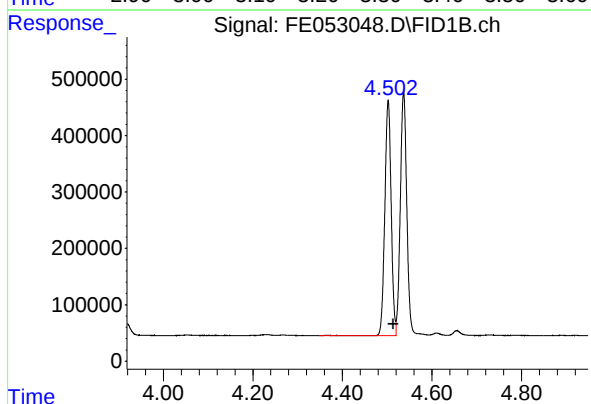
Instrument :

FID_E

ClientSampleId :
72-11998MS

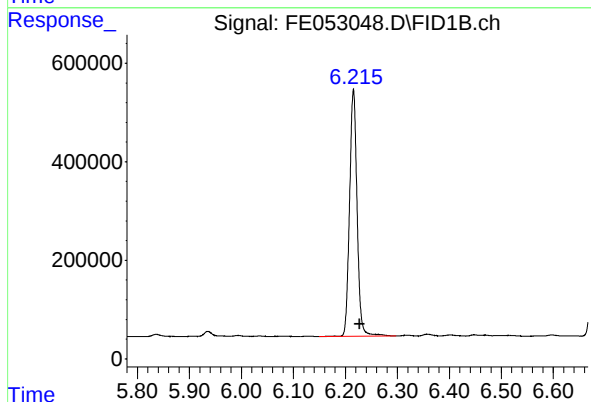
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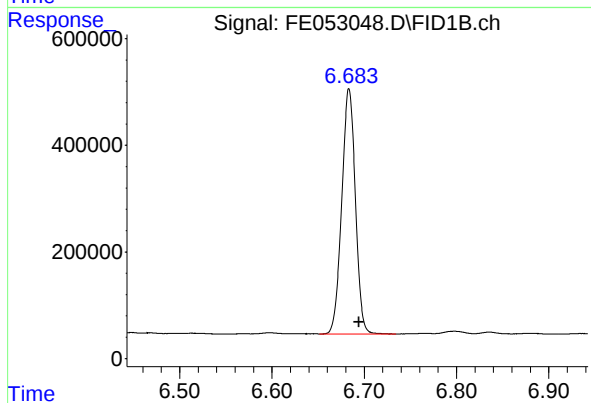
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: -0.012 min
Response: 4094378
Conc: 26.06 ug/ml



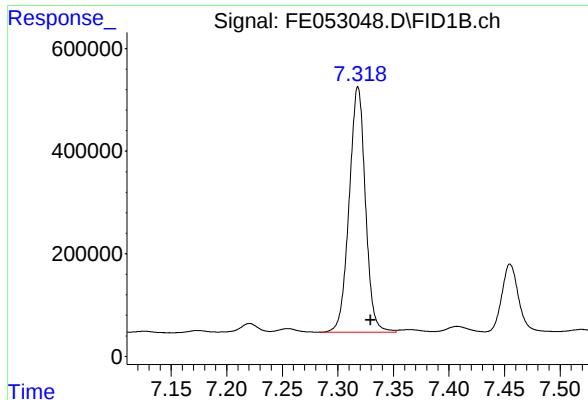
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: -0.012 min
Response: 5046423
Conc: 29.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.011 min
Response: 4717900
Conc: 30.30 ug/ml



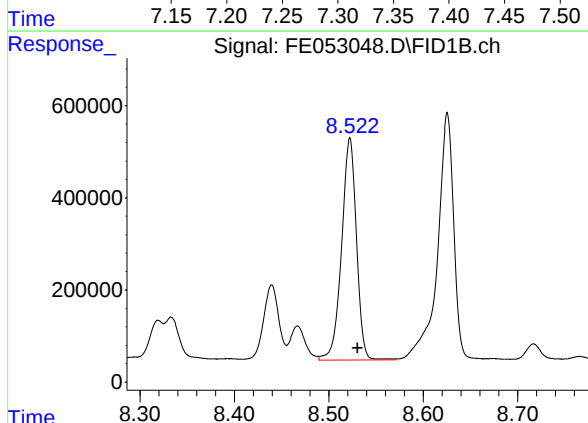
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.318 min
Delta R.T.: -0.012 min
Response: 4866618
Conc: 30.03 ug/ml

Instrument :
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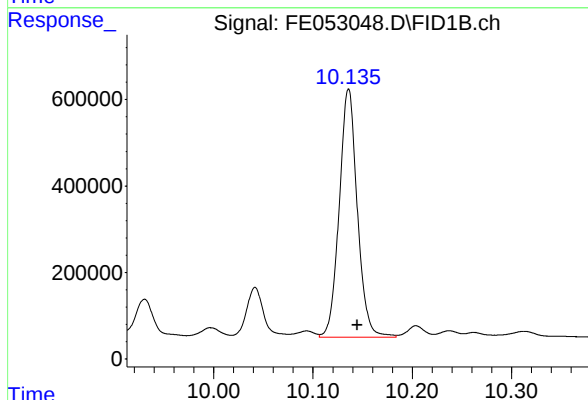
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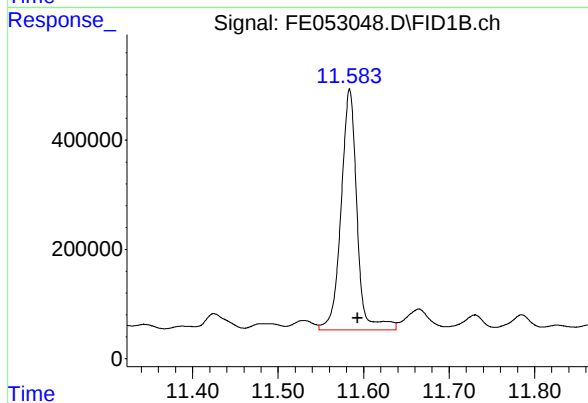
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.009 min
Response: 5291320
Conc: 34.97 ug/ml



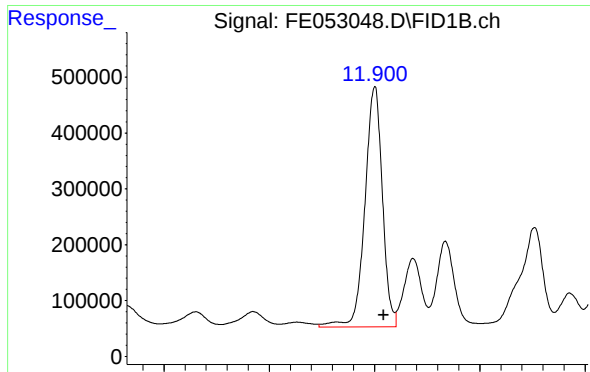
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.009 min
Response: 7277587
Conc: 47.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.584 min
Delta R.T.: -0.009 min
Response: 5718163
Conc: 37.58 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.009 min
Response: 4978031
Conc: 29.53 ug/ml

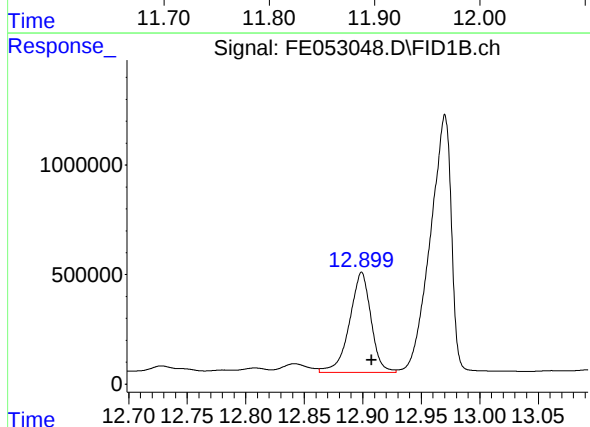
Instrument :

FID_E

ClientSampleId :
72-11998MS

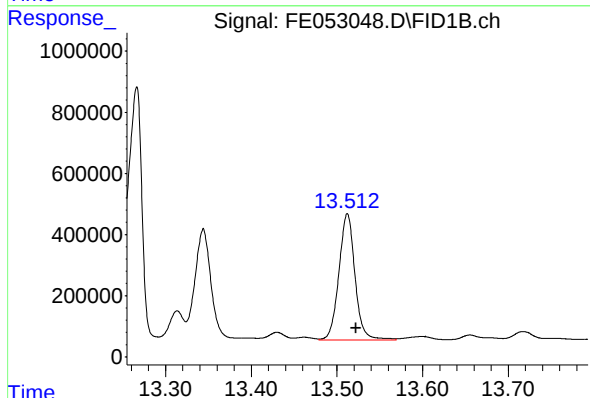
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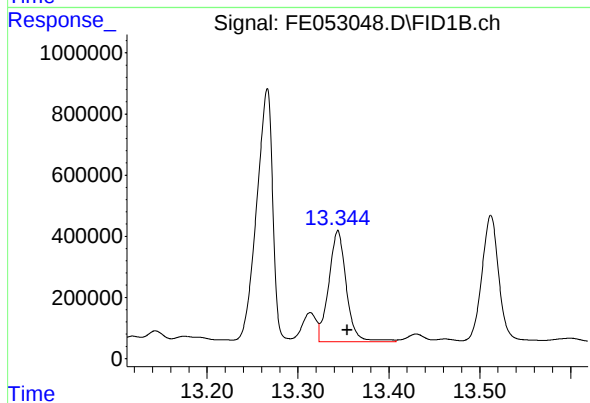
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.009 min
Response: 5823270
Conc: 40.11 ug/ml



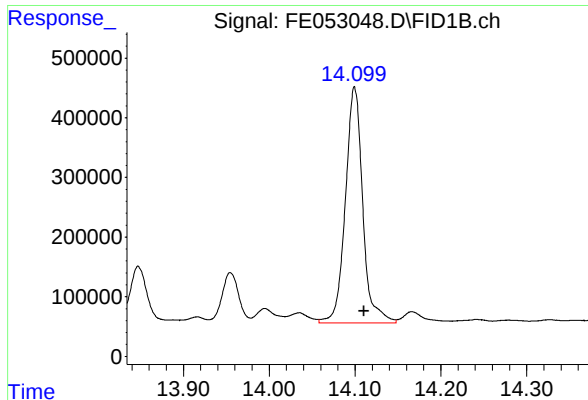
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.010 min
Response: 5399770
Conc: 37.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.010 min
Response: 4888797
Conc: 40.26 ug/ml



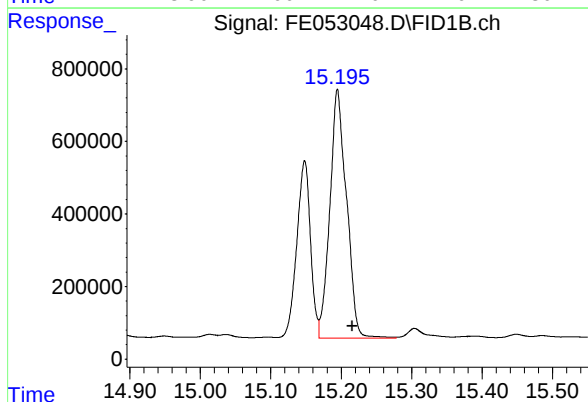
#13 n-Docosane (C22)

R.T.: 14.099 min
Delta R.T.: -0.011 min
Response: 5570920
Conc: 39.15 ug/ml

Instrument :
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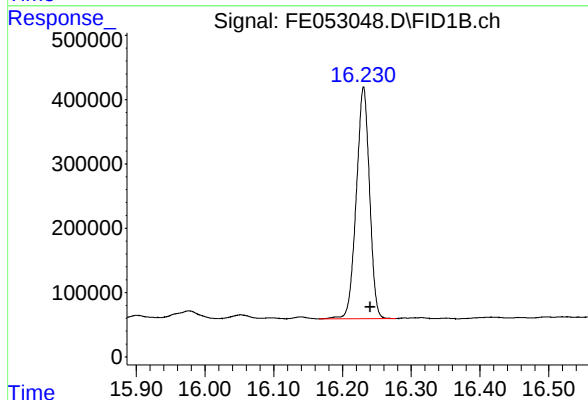
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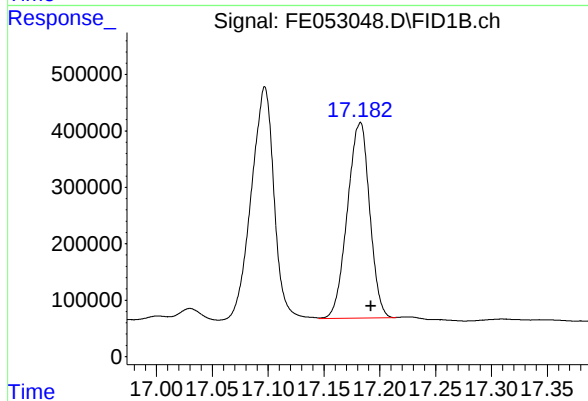
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.021 min
Response: 11275450
Conc: 78.79 ug/ml



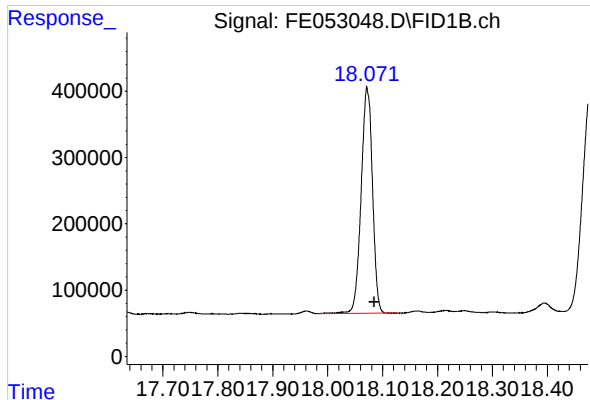
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: -0.010 min
Response: 4815507
Conc: 33.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: -0.010 min
Response: 4813019
Conc: 33.85 ug/ml



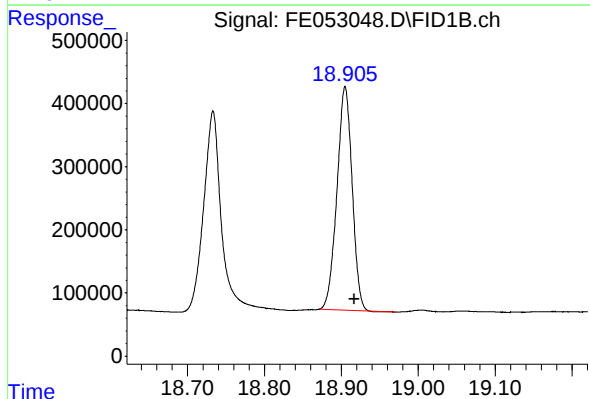
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: -0.013 min
Response: 4908072
Conc: 33.23 ug/ml

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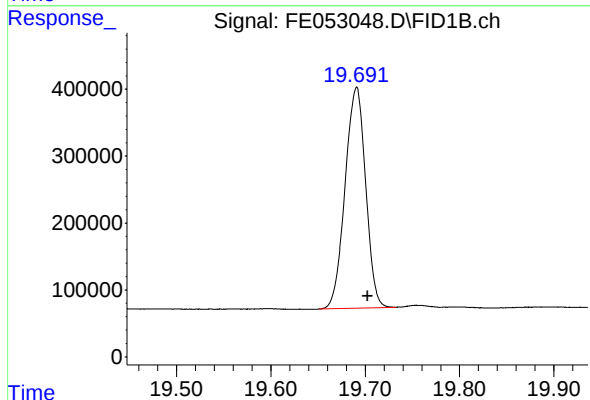
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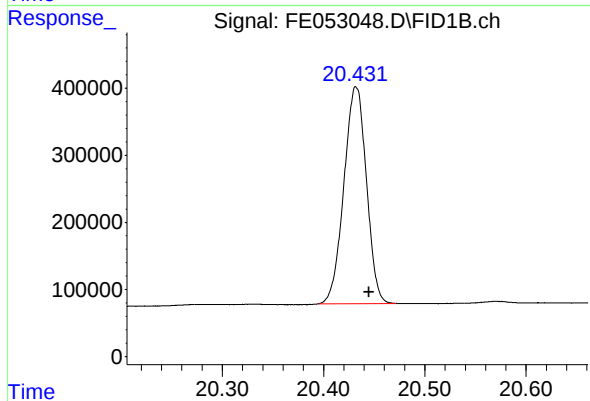
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.012 min
Response: 4850284
Conc: 33.41 ug/ml



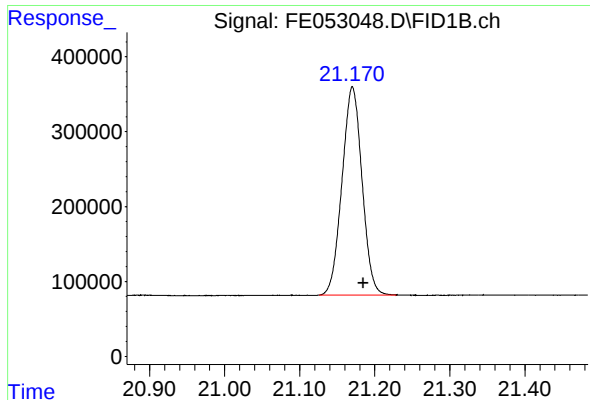
#19 n-Tetatriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.012 min
Response: 4999414
Conc: 37.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: -0.014 min
Response: 4993091
Conc: 42.02 ug/ml m



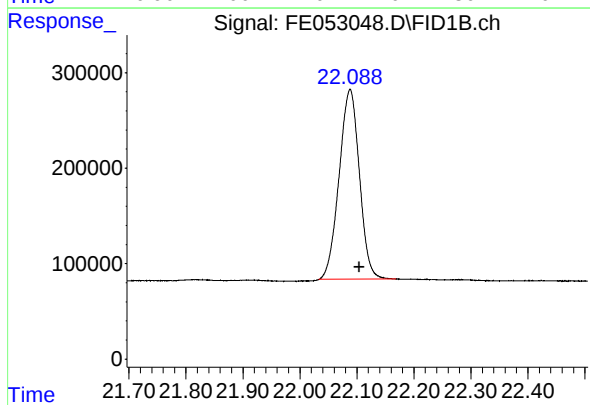
#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.015 min
Response: 5149441
Conc: 46.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: -0.016 min
Response: 4913260
Conc: 45.44 ug/ml m