

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032825AL\
 Data File : FE053049.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2025 17:38
 Operator : YP\AJ
 Sample : Q1657-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-11998MSD

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 22:56:01 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	4915862	29.159 ug/ml
Spiked Amount 50.000		Recovery =	58.32%
12) S 1-chlorooctadecane (S...	13.344	4880218	40.191 ug/ml
Spiked Amount 50.000		Recovery =	80.38%
Target Compounds			
1) T n-Nonane (C9)	3.236	3706343	23.904 ug/ml
2) T n-Decane (C10)	4.502	4134954	26.321 ug/ml
3) T A~Naphthalene (C11.7)	6.215	5113530	30.152 ug/ml
4) T n-Dodecane (C12)	6.684	4765554	30.607 ug/ml
5) T A~2-methylnaphthalene...	7.318	4935650	30.456 ug/ml
6) T n-Tetradecane (C14)	8.522	5347179	35.339 ug/ml
7) T n-Hexadecane (C16)	10.136	7382948	48.290 ug/ml
8) T n-Octadecane (C18)	11.583	5511929	36.229 ug/ml
10) T n-Eicosane (C20)	12.898	5799055	39.945 ug/ml
11) T n-Heneicosane (C21)	13.512	5454613	38.324 ug/ml
13) T n-Docosane (C22)	14.099	5646746	39.679 ug/ml
14) T n-Tetracosane (C24)	15.194	11448572	79.999 ug/ml
15) T n-Hexacosane (C26)	16.230	4910220	34.532 ug/ml
16) T n-Octacosane (C28)	17.182	4896736	34.437 ug/ml
17) T n-Tricontane (C30)	18.072	4987155	33.765 ug/ml
18) T n-Dotriacontane (C32)	18.904	4927455	33.940 ug/ml
19) T n-Tetratriacontane (C34)	19.690	5092334	37.783 ug/ml
20) T n-Hexatriacontane (C36)	20.431	5073082	42.694 ug/mlm
21) T n-Octatriacontane (C38)	21.173	5244248	47.273 ug/mlm
22) T n-Tetracontane (C40)	22.088	5030746	46.531 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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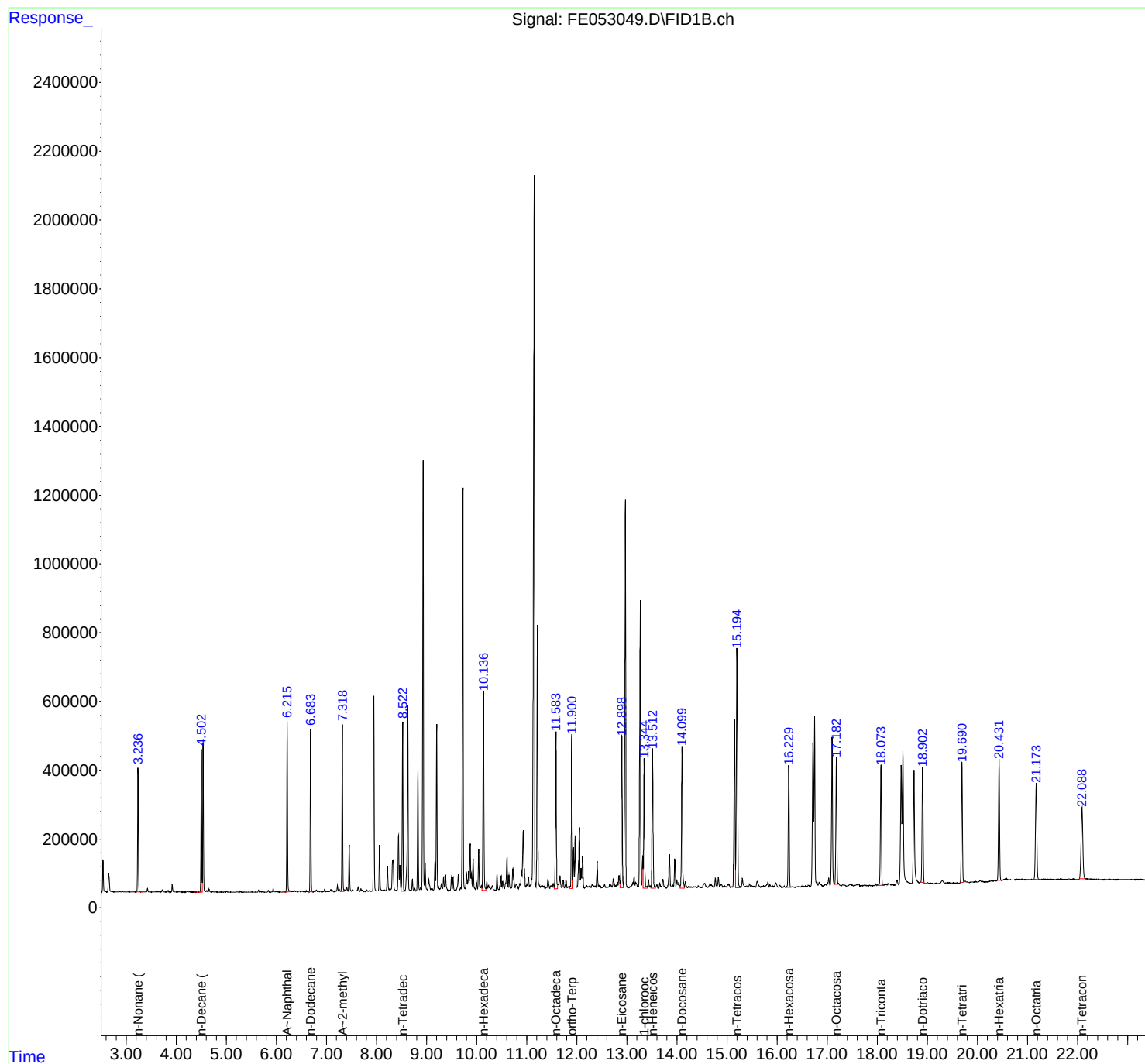
Instrument :
FID_E
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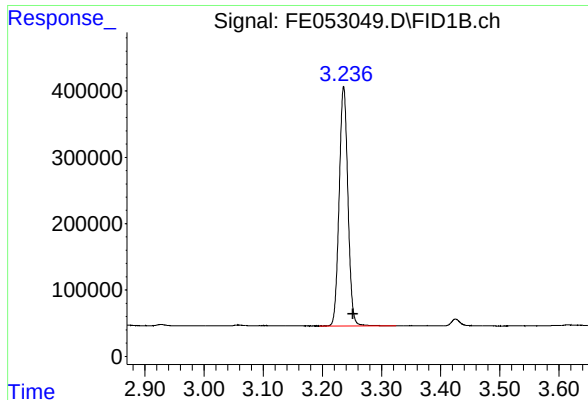
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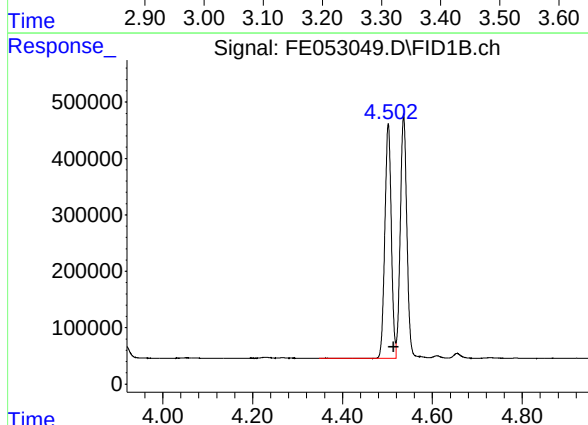
#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: -0.016 min
Response: 3706343
Conc: 23.90 ug/ml

Instrument :
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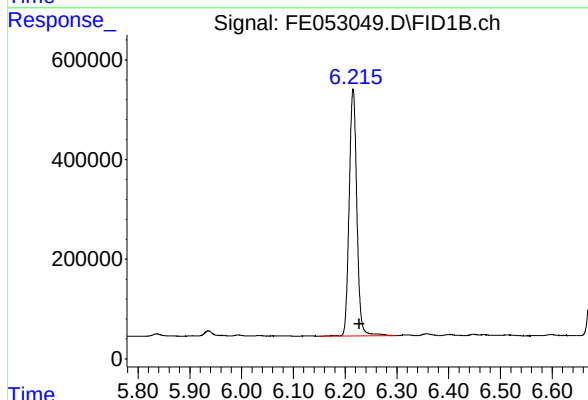
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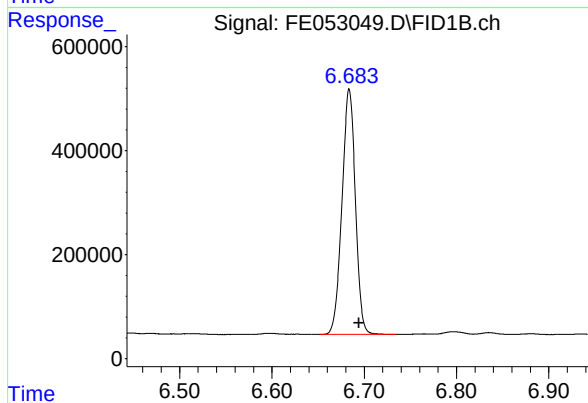
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: -0.012 min
Response: 4134954
Conc: 26.32 ug/ml



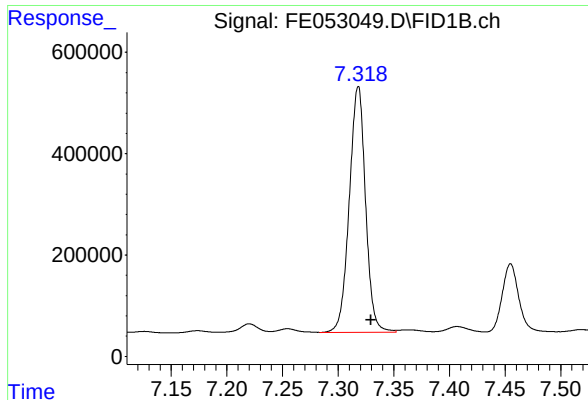
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: -0.012 min
Response: 5113530
Conc: 30.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.011 min
Response: 4765554
Conc: 30.61 ug/ml



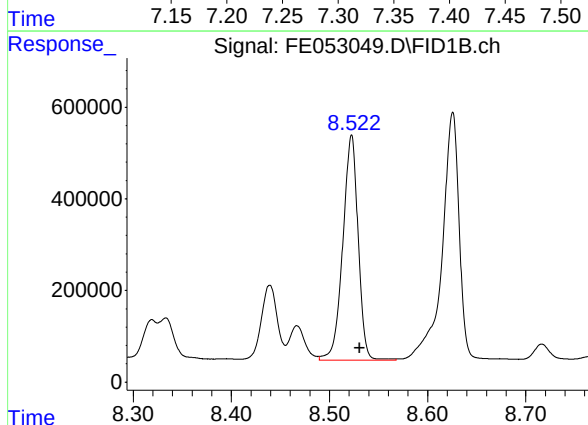
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.318 min
Delta R.T.: -0.012 min
Response: 4935650
Conc: 30.46 ug/ml

Instrument :
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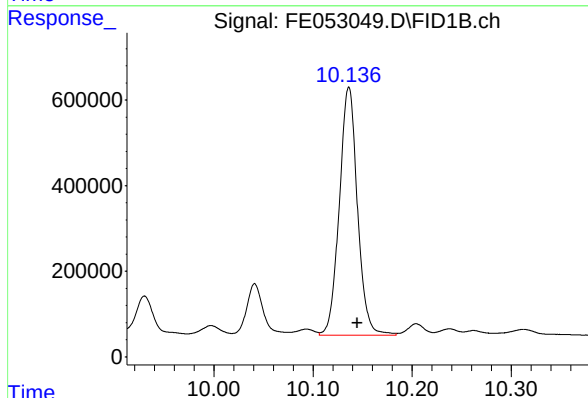
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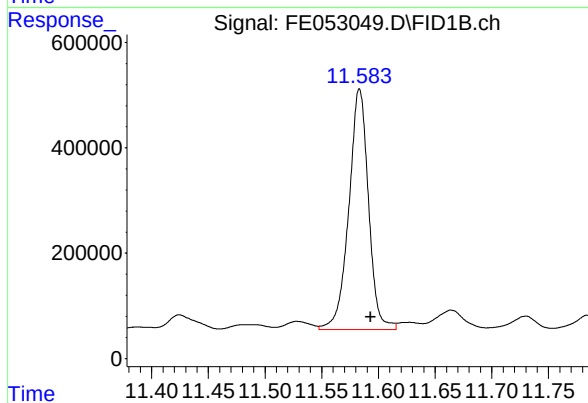
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.009 min
Response: 5347179
Conc: 35.34 ug/ml



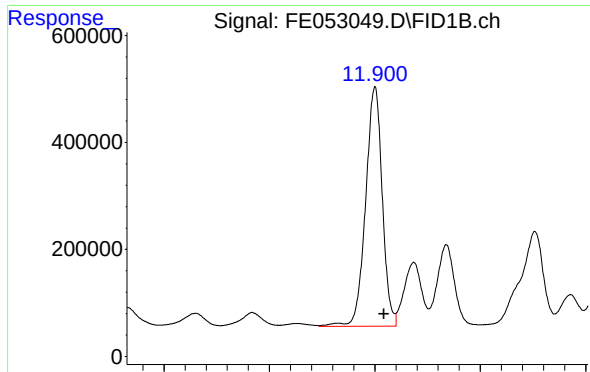
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.008 min
Response: 7382948
Conc: 48.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.583 min
Delta R.T.: -0.010 min
Response: 5511929
Conc: 36.23 ug/ml



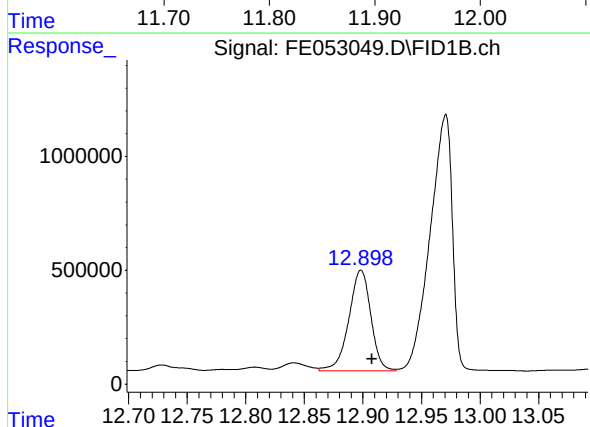
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.009 min
Response: 4915862
Conc: 29.16 ug/ml

Instrument :
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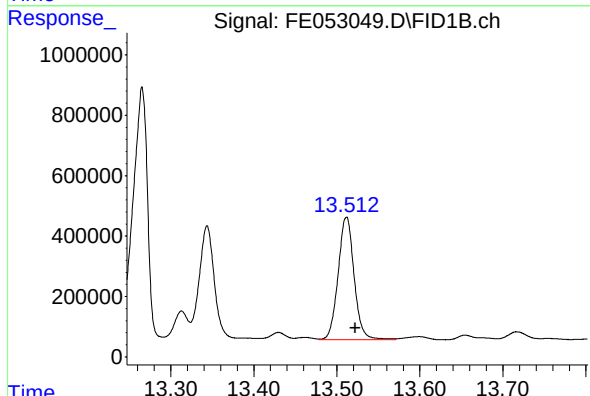
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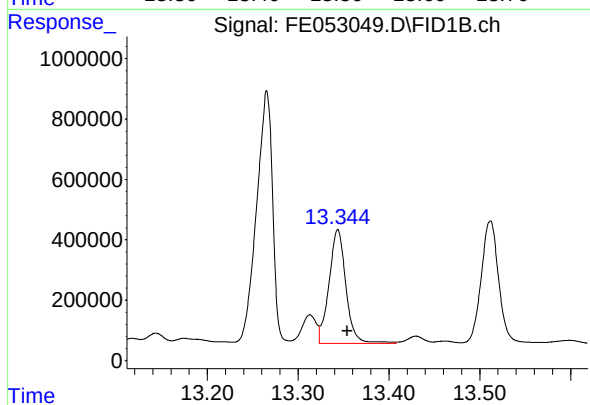
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.009 min
Response: 5799055
Conc: 39.95 ug/ml



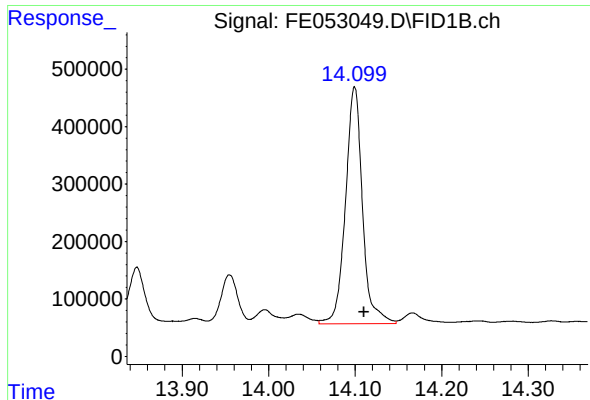
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.011 min
Response: 5454613
Conc: 38.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.010 min
Response: 4880218
Conc: 40.19 ug/ml



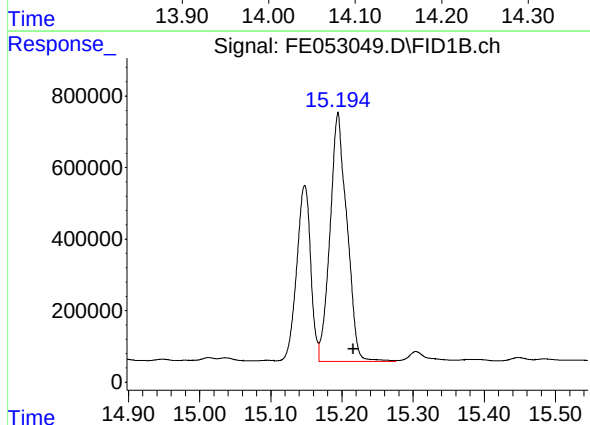
#13 n-Docosane (C22)

R.T.: 14.099 min
Delta R.T.: -0.011 min
Response: 5646746
Conc: 39.68 ug/ml

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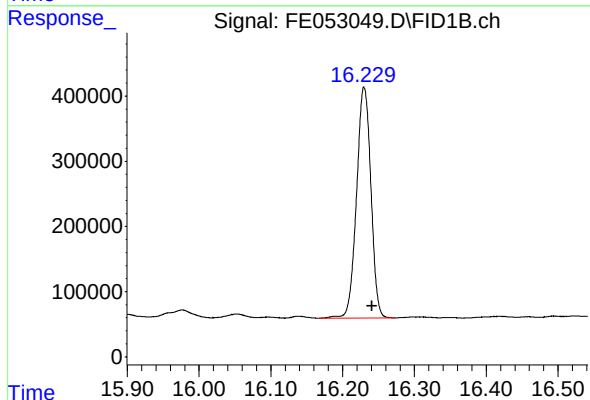
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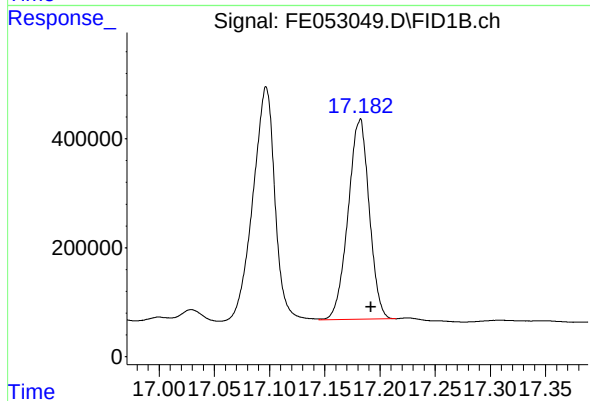
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.022 min
Response: 11448572
Conc: 80.00 ug/ml



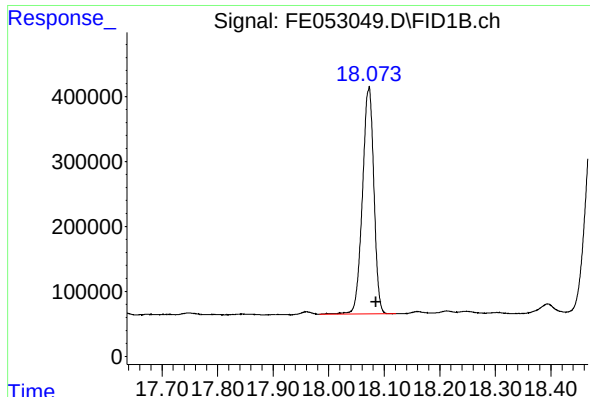
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: -0.011 min
Response: 4910220
Conc: 34.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: -0.010 min
Response: 4896736
Conc: 34.44 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: -0.013 min
Response: 4987155
Conc: 33.77 ug/ml

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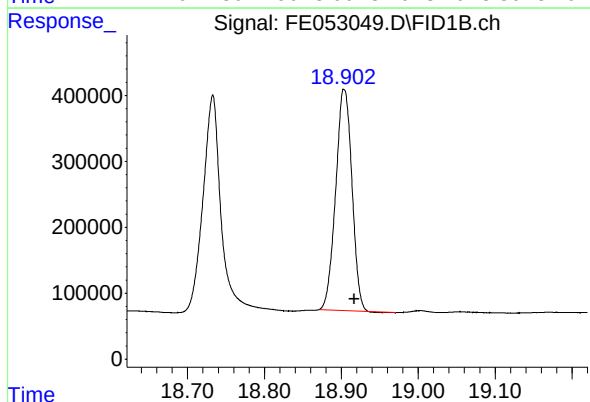
ClientSampleId :

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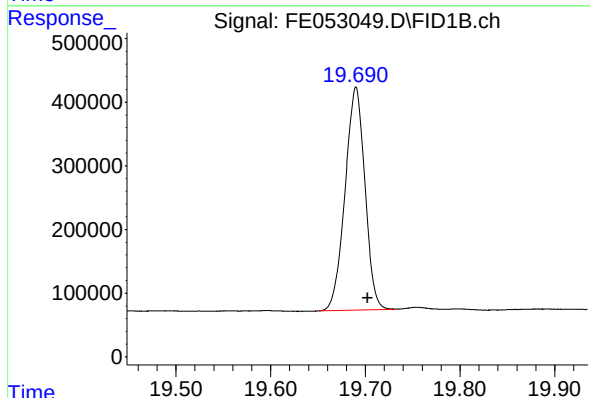
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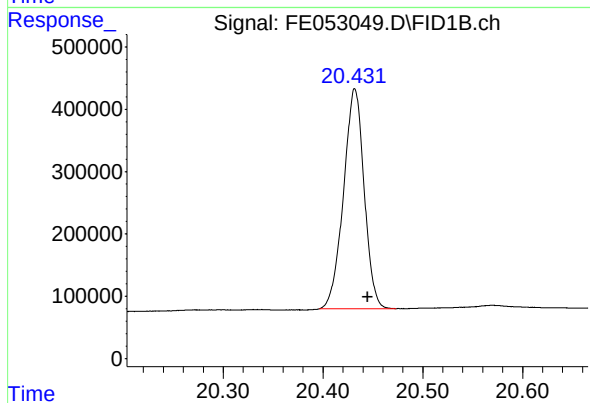
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.013 min
Response: 4927455
Conc: 33.94 ug/ml



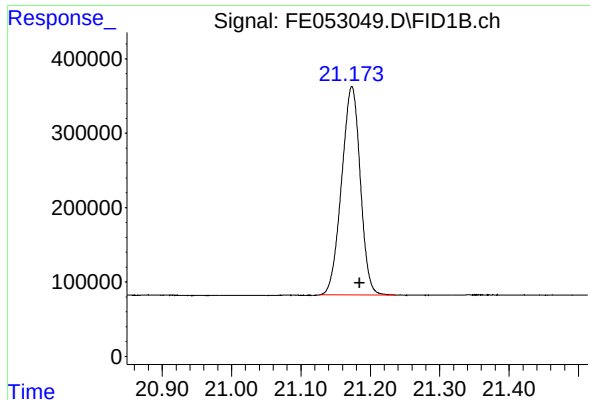
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: -0.013 min
Response: 5092334
Conc: 37.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: -0.014 min
Response: 5073082
Conc: 42.69 ug/ml m



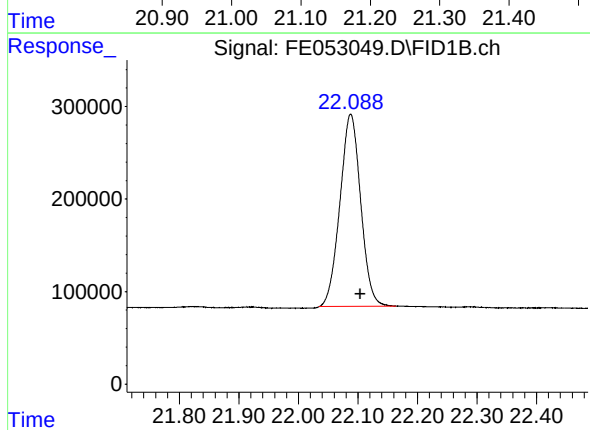
#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.012 min
Response: 5244248
Conc: 47.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: -0.016 min
Response: 5030746
Conc: 46.53 ug/ml m