

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092324AL\
 Data File : FE050309.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2024 01:47
 Operator : YP\AJ
 Sample : P4142-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

OR-02-09202024MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/24/2024

Supervised By :Ankita Jodhani 09/24/2024

Integration File: autoint1.e

Quant Time: Sep 24 04:43:23 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 2024

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)	11.869	3797123	25.522 ug/ml
Spiked Amount 50.000		Recovery =	51.04%
12) S 1-chlorooctadecane (S...	13.303	4051057	36.065 ug/ml
Spiked Amount 50.000		Recovery =	72.13%
Target Compounds			
1) T n-Nonane (C9)	3.258	3622082	26.722 ug/ml
2) T n-Decane (C10)	4.508	4000314	28.985 ug/ml
3) T A~Naphthalene (C11.7)	6.217	5135703	36.692 ug/ml
4) T n-Dodecane (C12)	6.675	4319625	31.237 ug/ml
5) T A~2-methylnaphthalene...	7.312	5250382	39.946 ug/ml
6) T n-Tetradecane (C14)	8.504	5136055	37.717 ug/mlm
7) T n-Hexadecane (C16)	10.108	5468954	39.373 ug/ml
8) T n-Octadecane (C18)	11.550	5245579	37.441 ug/ml
10) T n-Eicosane (C20)	12.859	5600554	41.750 ug/ml
11) T n-Heneicosane (C21)	13.469	5569958	42.390 ug/ml
13) T n-Docosane (C22)	14.054	5427178	41.678 ug/ml
14) T n-Tetracosane (C24)	15.154	11060208	84.694 ug/ml
15) T n-Hexacosane (C26)	16.177	5071274	39.638 ug/ml
16) T n-Octacosane (C28)	17.125	5895037	45.766 ug/ml
17) T n-Tricontane (C30)	18.011	5445185	40.720 ug/ml
18) T n-Dotriacontane (C32)	18.843	5373128	40.322 ug/ml
19) T n-Tetratriacontane (C34)	19.627	5527751	44.737 ug/ml
20) T n-Hexatriacontane (C36)	20.368	5451330	49.133 ug/mlm
21) T n-Octatriacontane (C38)	21.093	5570899	50.516 ug/ml
22) T n-Tetracontane (C40)	21.983	5085730	46.738 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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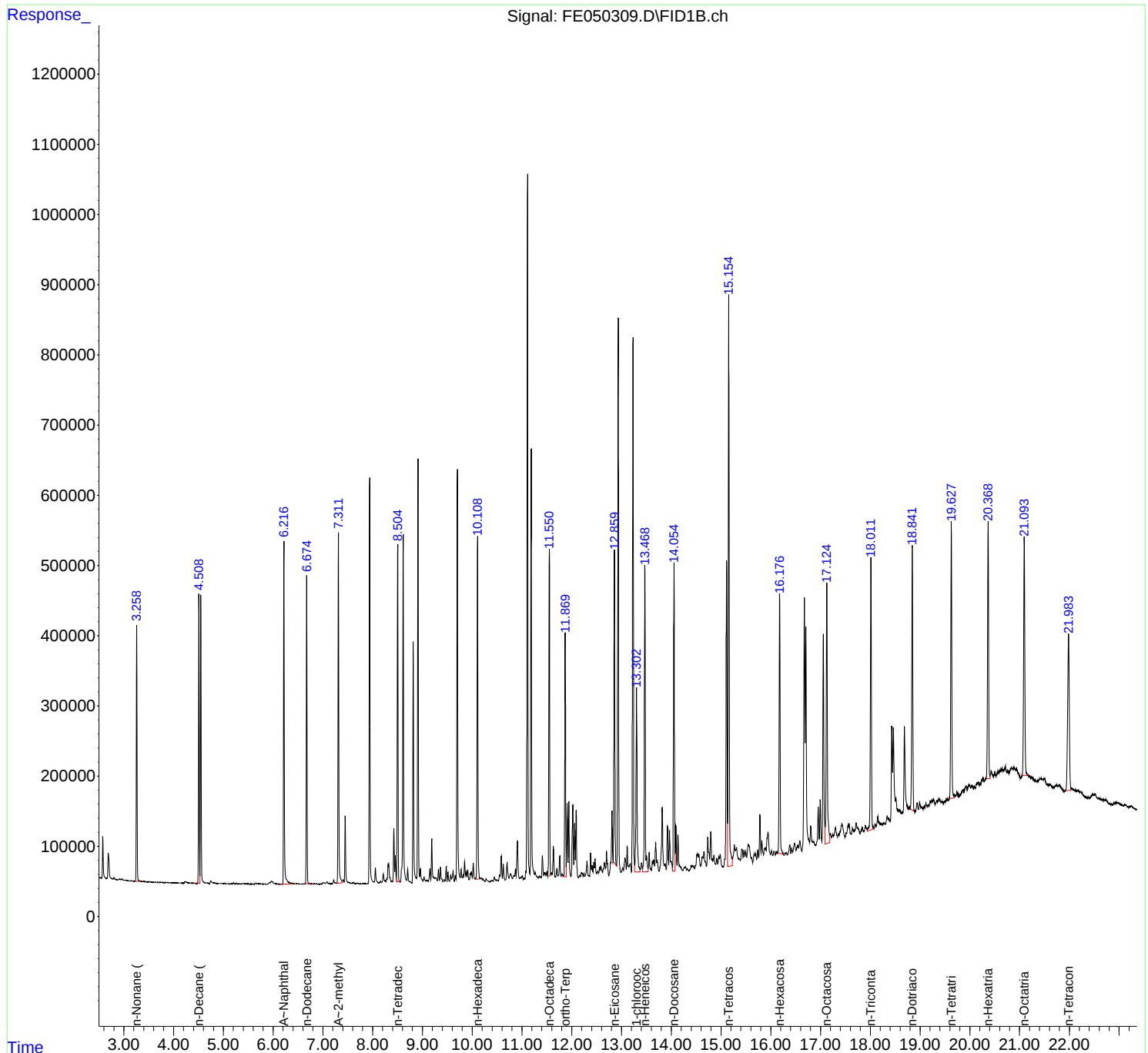
Instrument :
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OR-02-09202024MS

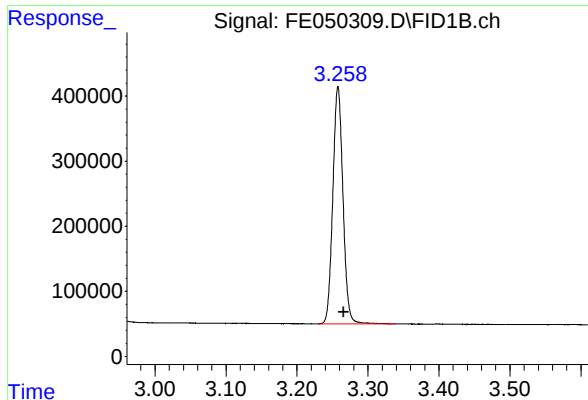
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Quant Title : GC Extractables
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





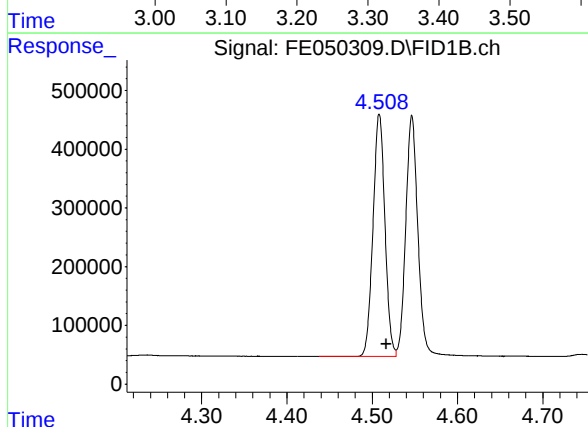
#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: -0.008 min
Response: 3622082
Conc: 26.72 ug/ml

Instrument : FID_E
ClientSampleId : OR-02-09202024MS

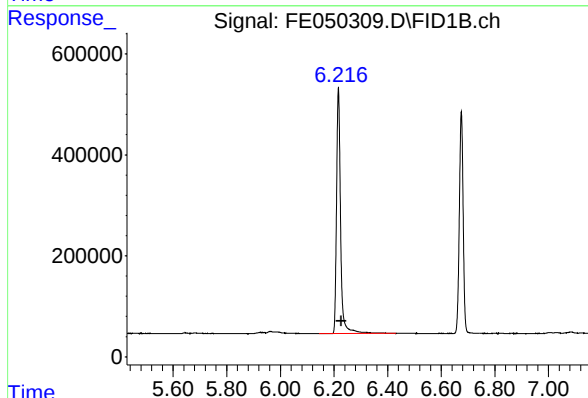
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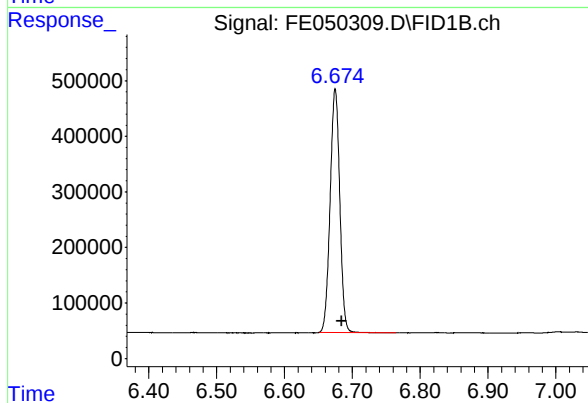
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: -0.008 min
Response: 4000314
Conc: 28.99 ug/ml



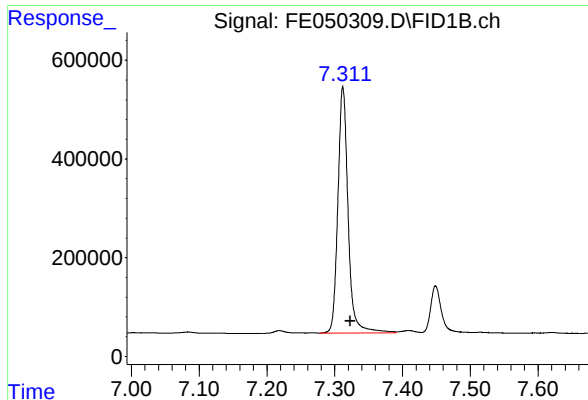
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.010 min
Response: 5135703
Conc: 36.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.675 min
Delta R.T.: -0.009 min
Response: 4319625
Conc: 31.24 ug/ml



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

R.T.: 7.312 min
Delta R.T.: -0.011 min
Response: 5250382
Conc: 39.95 ug/ml

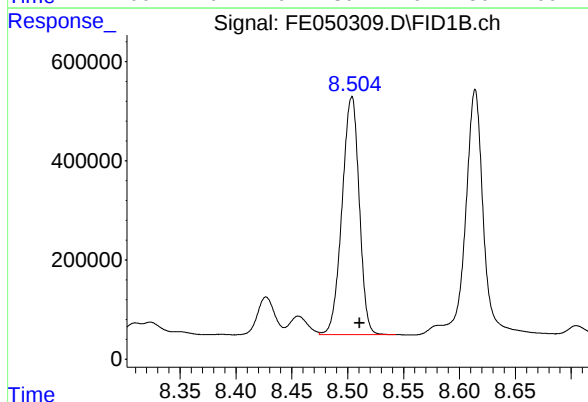
Instrument :

FID_E

ClientSampleId :
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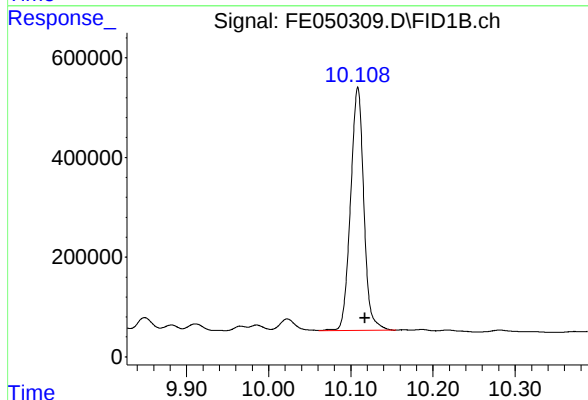
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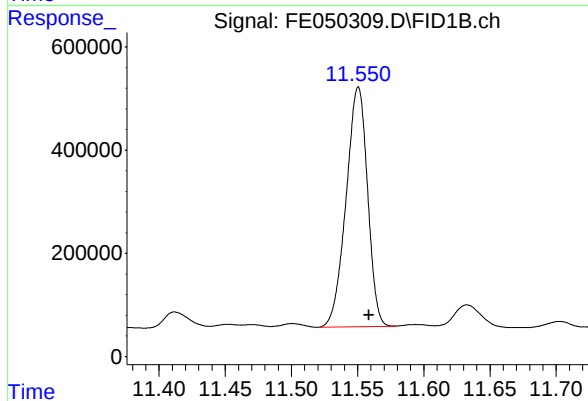
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.007 min
Response: 5136055
Conc: 37.72 ug/ml m



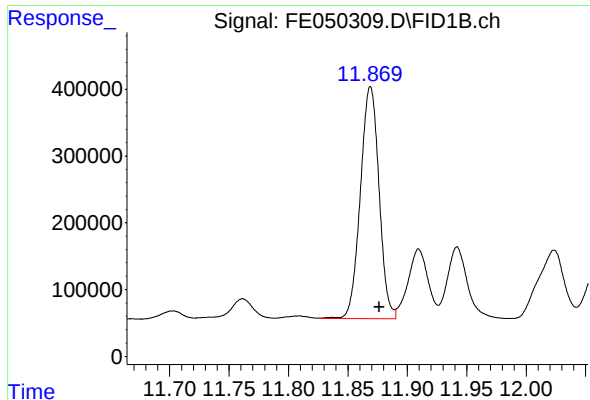
#7 n-Hexadecane (C16)

R.T.: 10.108 min
Delta R.T.: -0.009 min
Response: 5468954
Conc: 39.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.550 min
Delta R.T.: -0.008 min
Response: 5245579
Conc: 37.44 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.869 min
Delta R.T.: -0.008 min
Response: 3797123
Conc: 25.52 ug/ml

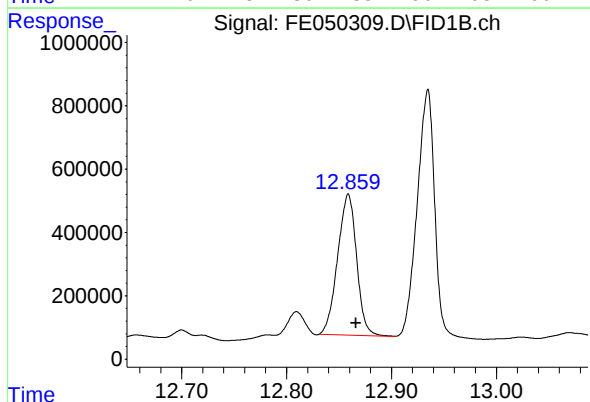
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FID_E

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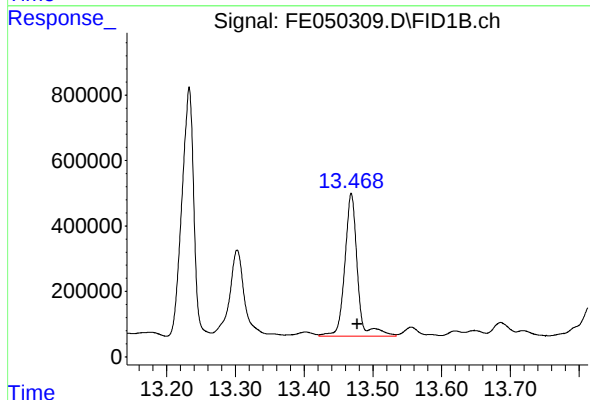
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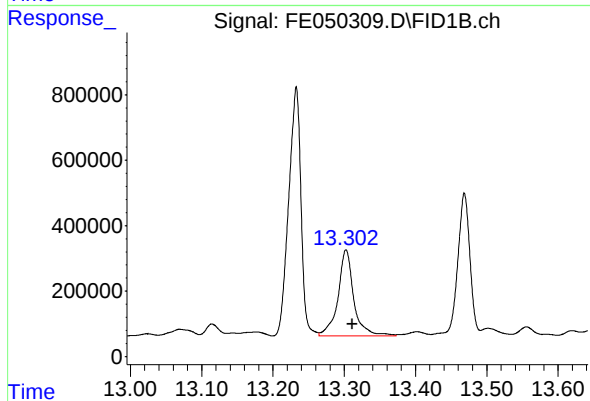
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: -0.007 min
Response: 5600554
Conc: 41.75 ug/ml



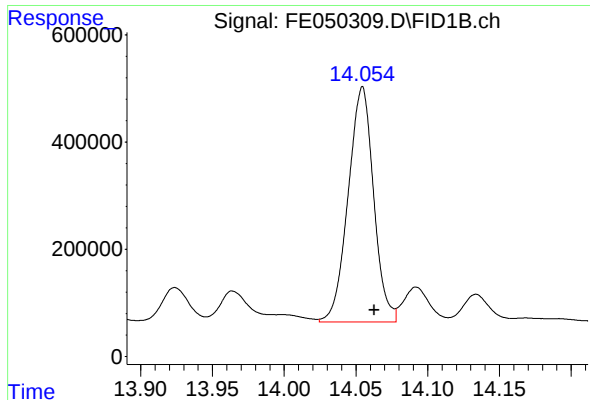
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: -0.009 min
Response: 5569958
Conc: 42.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: -0.009 min
Response: 4051057
Conc: 36.06 ug/ml



#13 n-Docosane (C22)

R.T.: 14.054 min
Delta R.T.: -0.009 min
Response: 5427178
Conc: 41.68 ug/ml

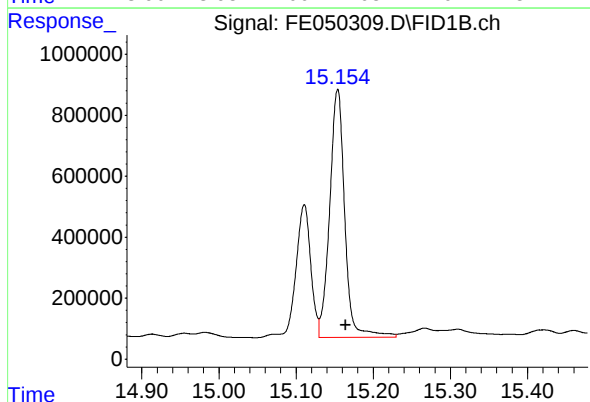
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ClientSampleId :
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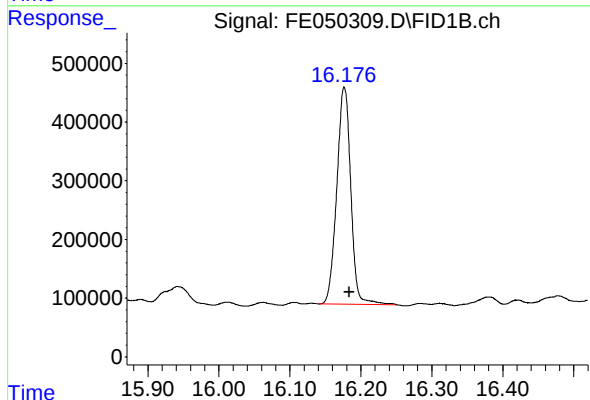
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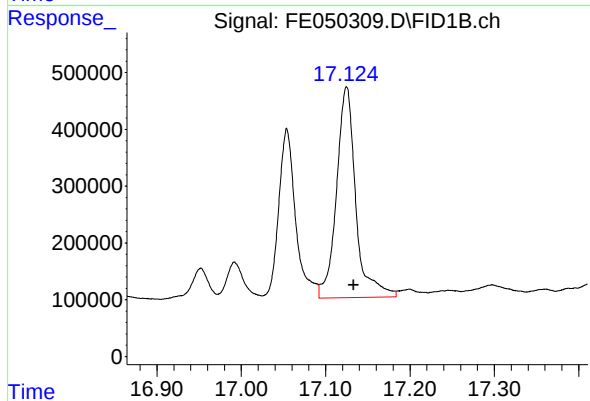
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.011 min
Response: 11060208
Conc: 84.69 ug/ml



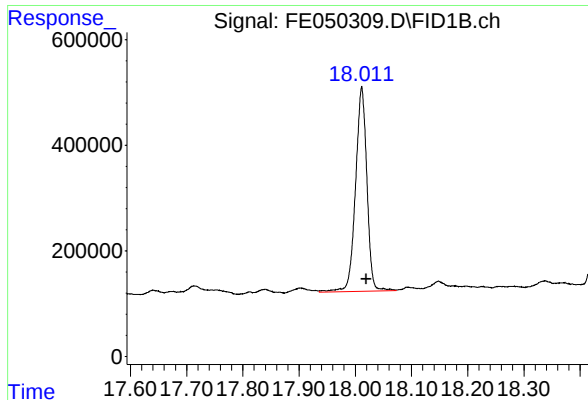
#15 n-Hexacosane (C26)

R.T.: 16.177 min
Delta R.T.: -0.007 min
Response: 5071274
Conc: 39.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: -0.009 min
Response: 5895037
Conc: 45.77 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.011 min
Delta R.T.: -0.008 min
Response: 5445185
Conc: 40.72 ug/ml

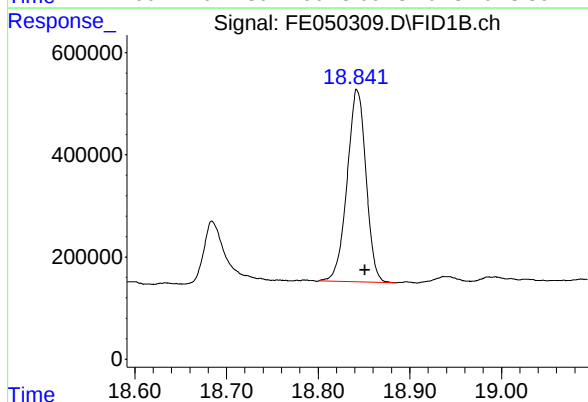
Instrument :

FID_E

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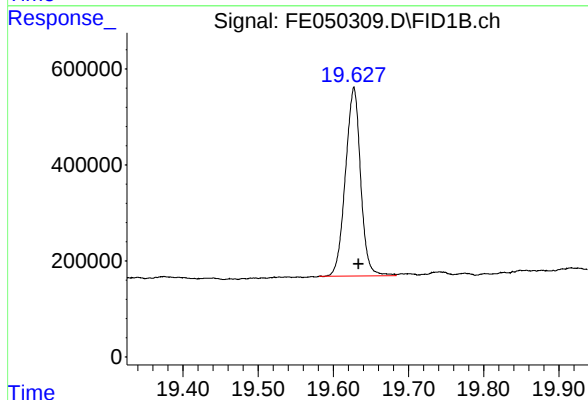
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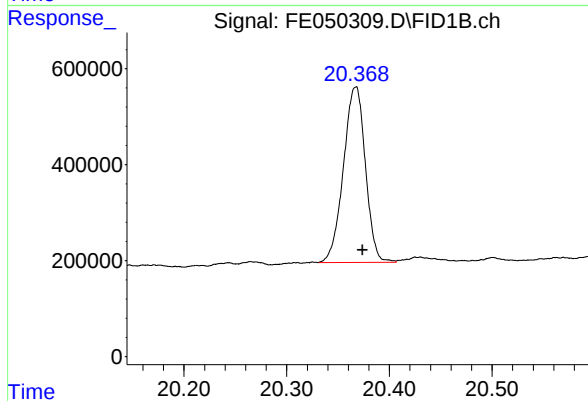
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.008 min
Response: 5373128
Conc: 40.32 ug/ml



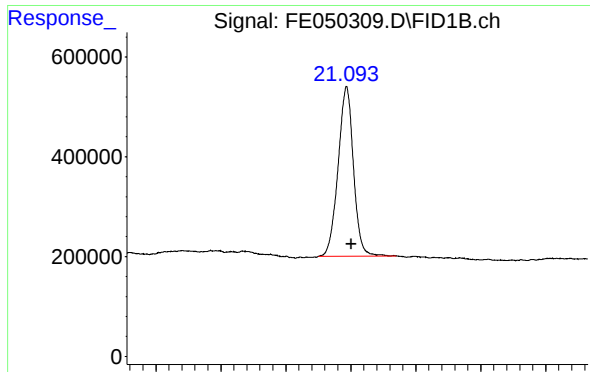
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min
Delta R.T.: -0.007 min
Response: 5527751
Conc: 44.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: -0.006 min
Response: 5451330
Conc: 49.13 ug/ml m



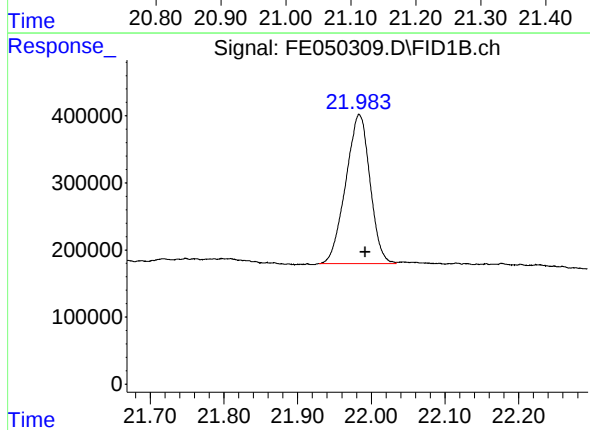
#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: -0.008 min
Response: 5570899
Conc: 50.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.010 min
Response: 5085730
Conc: 46.74 ug/ml m