

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091124AL\
 Data File : FE050002.D
 Signal(s) : FID1B.ch
 Acq On : 10 Sep 2024 15:32
 Operator : YP\AJ
 Sample : P3892-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ARS20-005MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/11/2024

Supervised By :Ankita Jodhani 09/11/2024

Integration File: autoint1.e

Quant Time: Sep 11 03:18:31 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)	11.868	2850603	19.160 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
12) S 1-chlorooctadecane (S...	13.322	8436726	75.109 ug/mlm
Spiked Amount 50.000		Recovery =	150.22%
Target Compounds			
1) T n-Nonane (C9)	3.265	3566132	26.309 ug/ml
2) T n-Decane (C10)	4.516	4377590	31.719 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5055048	36.116 ug/ml
4) T n-Dodecane (C12)	6.684	5002309	36.174 ug/ml
5) T A~2-methylnaphthalene...	7.321	5086535	38.699 ug/ml
6) T n-Tetradecane (C14)	8.521	6960612	51.116 ug/ml
7) T n-Hexadecane (C16)	10.103	5388251	38.792 ug/ml
8) T n-Octadecane (C18)	11.571	3910616	27.913 ug/ml
10) T n-Eicosane (C20)	12.858	3411145	25.429 ug/mlm
11) T n-Heneicosane (C21)	13.491	3355283	25.535 ug/mlm
13) T n-Docosane (C22)	14.034	4866223	37.370 ug/mlm
14) T n-Tetracosane (C24)	15.181	5893128	45.127 ug/ml
15) T n-Hexacosane (C26)	16.206	4764041	37.237 ug/ml
16) T n-Octacosane (C28)	17.142	6123035	47.536 ug/ml
17) T n-Tricontane (C30)	18.023	5396922	40.360 ug/ml
18) T n-Dotriacontane (C32)	18.854	5637236	42.304 ug/ml
19) T n-Tetratriacontane (C34)	19.635	5733163	46.399 ug/ml
20) T n-Hexatriacontane (C36)	20.373	5615676	50.614 ug/ml
21) T n-Octatriacontane (C38)	21.101	5774246	52.360 ug/ml
22) T n-Tetracontane (C40)	21.991	5414802	49.762 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091124AL\
Data File : FE050002.D
Signal(s) : FID1B.ch
Acq On : 10 Sep 2024 15:32
Operator : YP\AJ
Sample : P3892-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

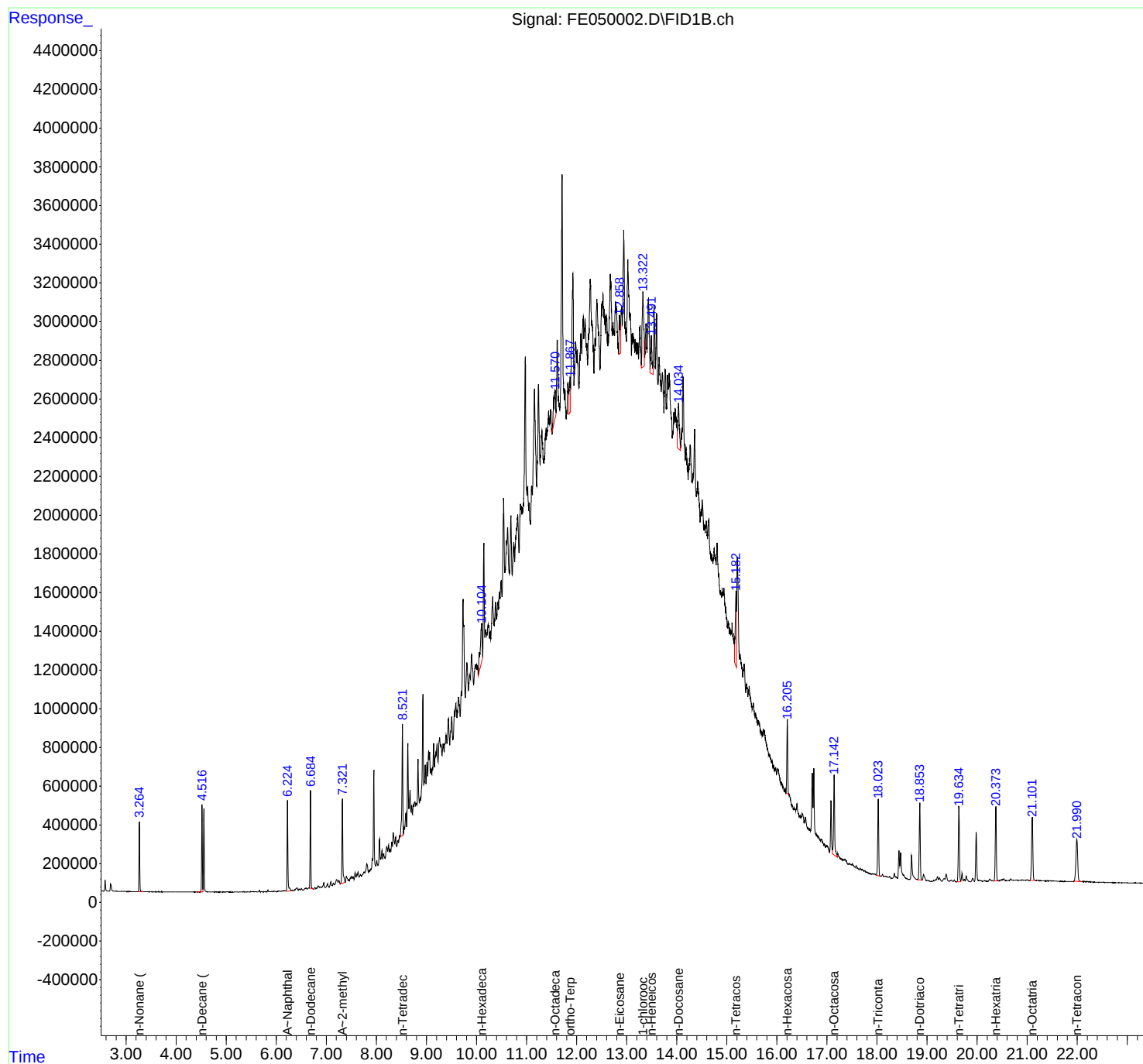
Instrument :
FID_E
ClientSampleId :
ARS20-005MS

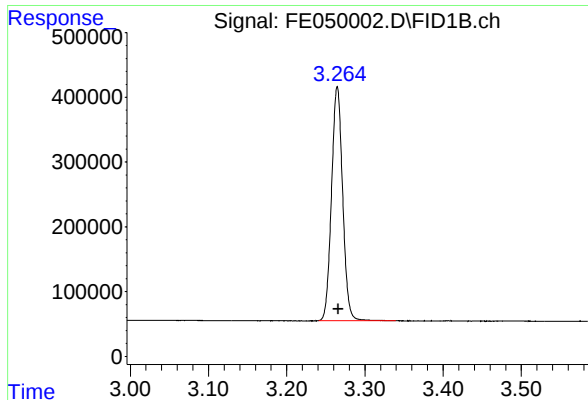
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Integration File: autoint1.e
Quant Time: Sep 11 03:18:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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





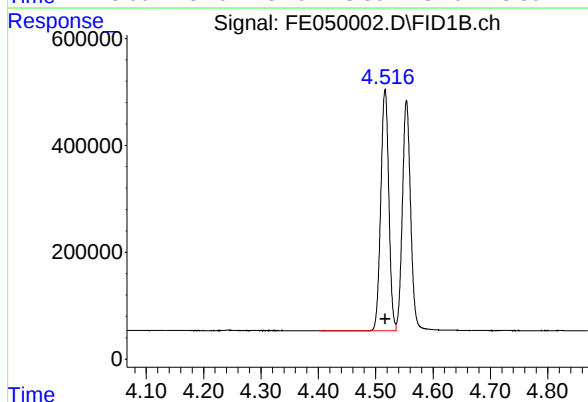
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.001 min
Response: 3566132
Conc: 26.31 ug/ml

Instrument : FID_E
ClientSampleId : ARS20-005MS

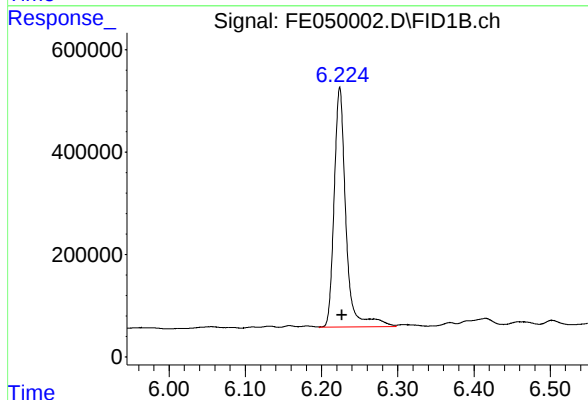
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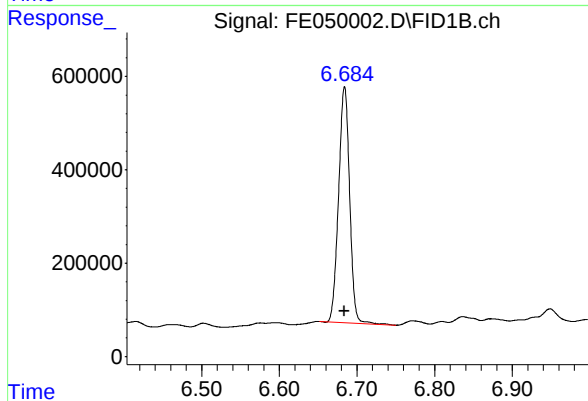
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 4377590
Conc: 31.72 ug/ml



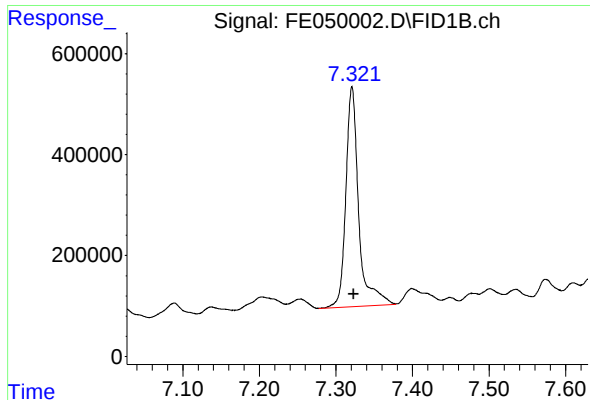
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 5055048
Conc: 36.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 5002309
Conc: 36.17 ug/ml



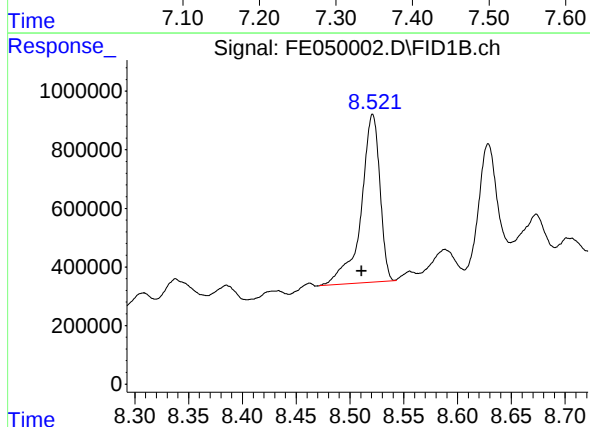
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.321 min
Delta R.T.: -0.002 min
Response: 5086535
Conc: 38.70 ug/ml

Instrument :
FID_E
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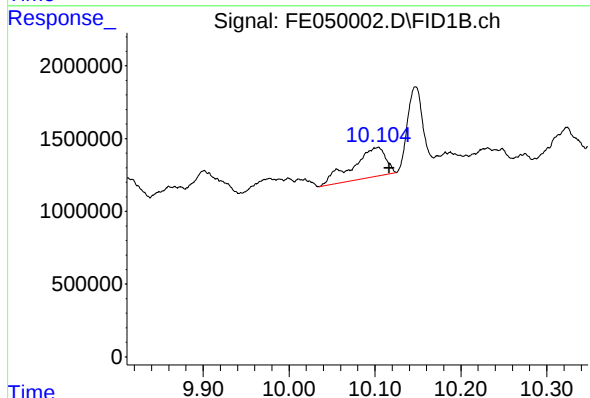
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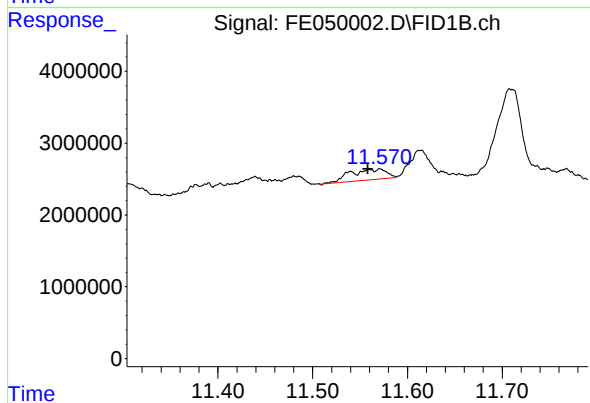
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: 0.010 min
Response: 6960612
Conc: 51.12 ug/ml



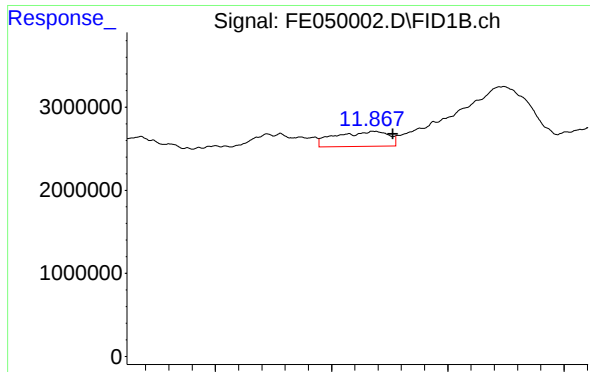
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: -0.014 min
Response: 5388251
Conc: 38.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.571 min
Delta R.T.: 0.013 min
Response: 3910616
Conc: 27.91 ug/ml



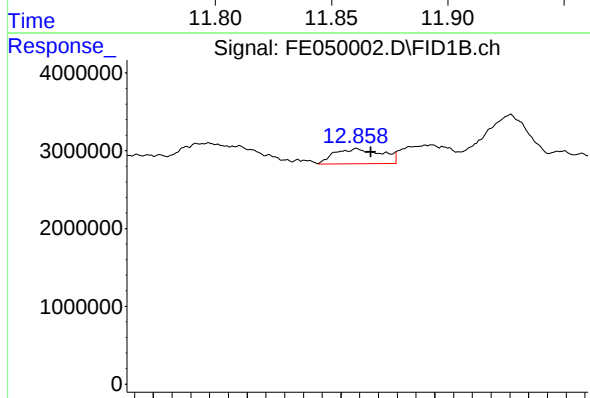
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.008 min
Response: 2850603
Conc: 19.16 ug/ml

Instrument :
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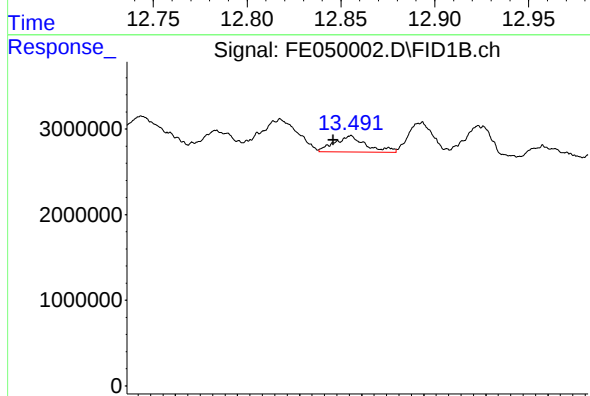
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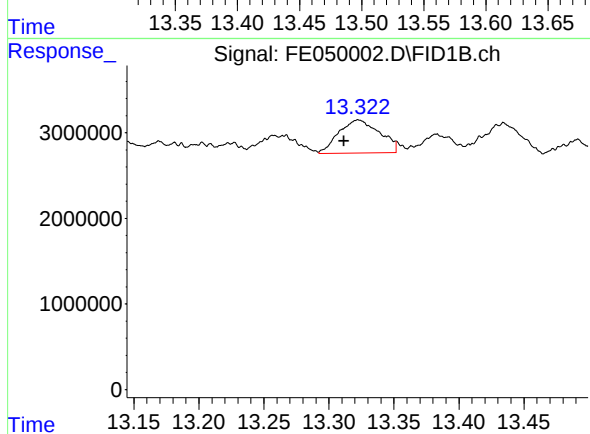
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: -0.008 min
Response: 3411145
Conc: 25.43 ug/ml m



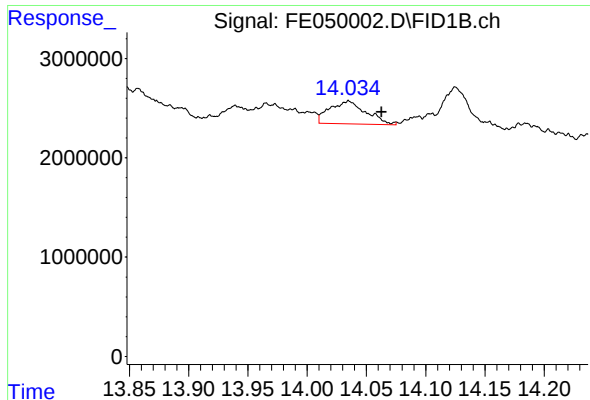
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: 0.014 min
Response: 3355283
Conc: 25.54 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min
Delta R.T.: 0.010 min
Response: 8436726
Conc: 75.11 ug/ml m



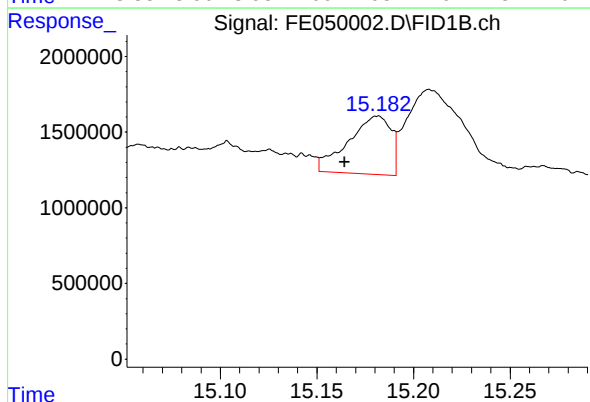
#13 n-Docosane (C22)

R.T.: 14.034 min
Delta R.T.: -0.028 min
Response: 4866223
Conc: 37.37 ug/ml

Instrument :
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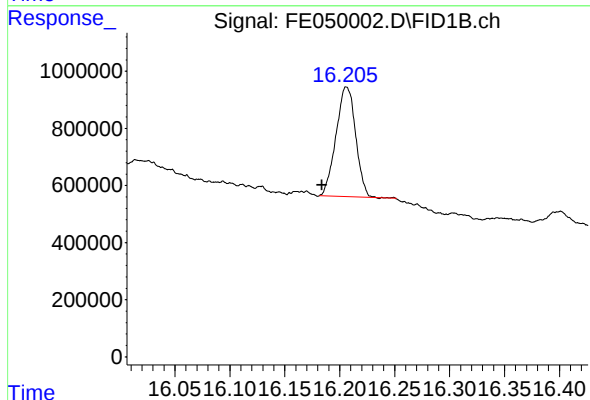
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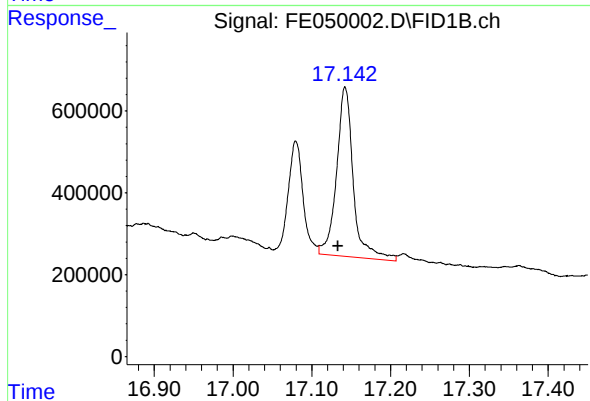
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: 0.017 min
Response: 5893128
Conc: 45.13 ug/ml



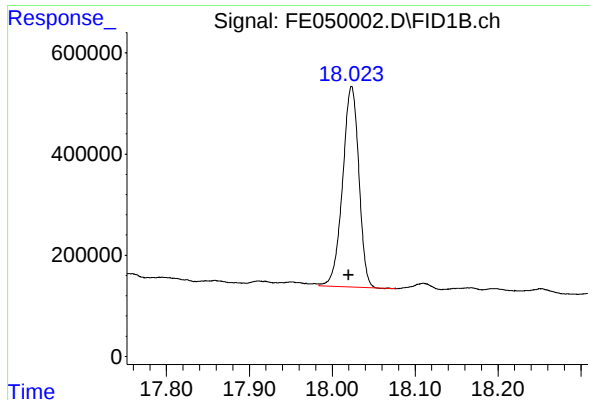
#15 n-Hexacosane (C26)

R.T.: 16.206 min
Delta R.T.: 0.023 min
Response: 4764041
Conc: 37.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: 0.009 min
Response: 6123035
Conc: 47.54 ug/ml



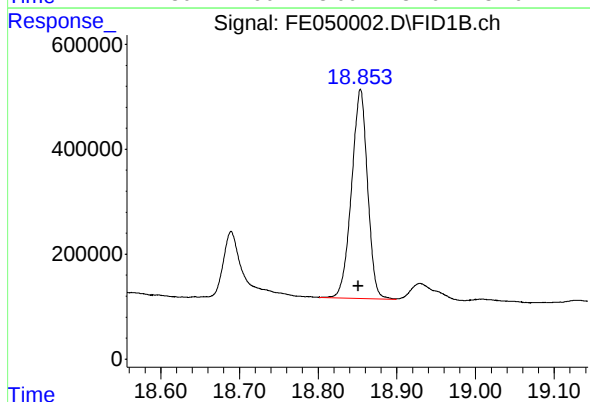
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: 0.003 min
Response: 5396922
Conc: 40.36 ug/ml

Instrument : FID_E
ClientSampleId : ARS20-005MS

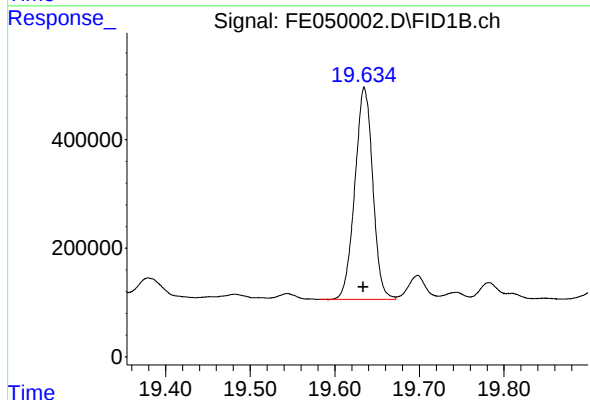
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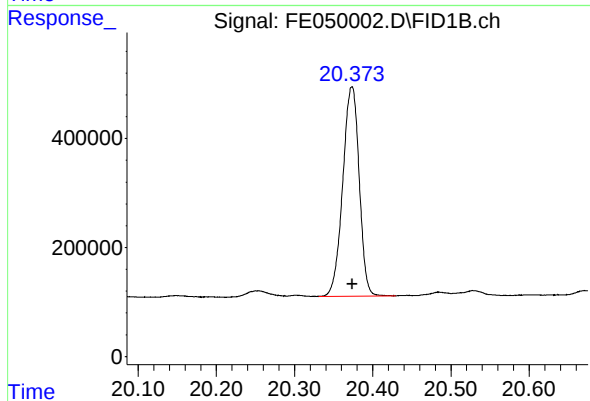
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: 0.003 min
Response: 5637236
Conc: 42.30 ug/ml



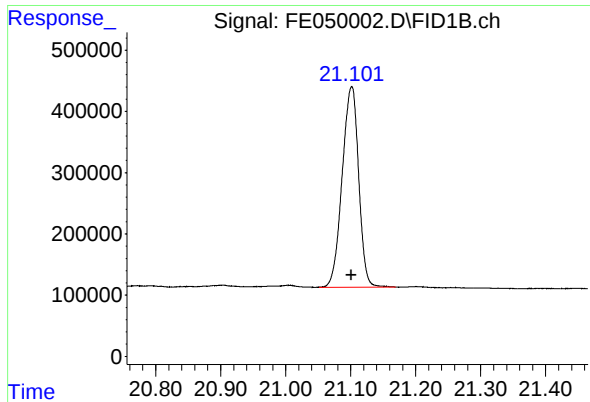
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: 0.001 min
Response: 5733163
Conc: 46.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: 0.000 min
Response: 5615676
Conc: 50.61 ug/ml



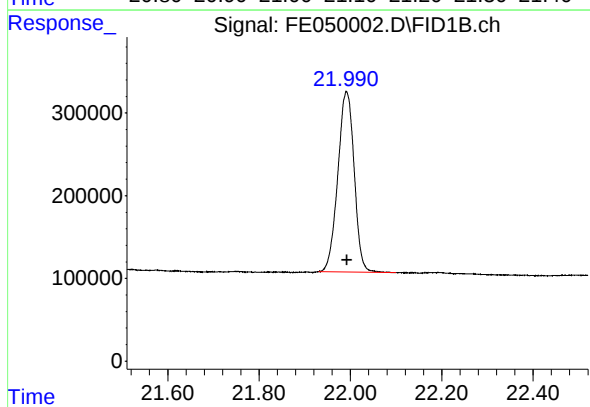
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.000 min
Response: 5774246
Conc: 52.36 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: 0.000 min
Response: 5414802
Conc: 49.76 ug/ml