

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020823AL\
 Data File : FE040264.D
 Signal(s) : FID1B.ch
 Acq On : 08 Feb 2023 18:36
 Operator : YP\AJ
 Sample : 01466-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

A-2MSD

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 02/09/2023

Supervised By :Sohil Jodhani 02/09/2023

Integration File: autoint1.e

Quant Time: Feb 09 02:36:17 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M

Quant Title : GC Extractables

QLast Update : Thu Feb 02 04:52:48 2023

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)	11.894	3830167	23.663 ug/ml
Spiked Amount 50.000		Recovery =	47.33%
12) S 1-chlorooctadecane (S...	13.332	3132732	25.259 ug/ml
Spiked Amount 50.000		Recovery =	50.52%
Target Compounds			
1) T n-Nonane (C9)	3.291	3691418	27.122 ug/ml
2) T n-Decane (C10)	4.540	4025436	30.296 ug/ml
3) T A~Naphthalene (C11.7)	6.240	4458092	30.461 ug/ml
4) T n-Dodecane (C12)	6.703	4332708	32.180 ug/ml
5) T A~2-methylnaphthalene...	7.335	4400696	32.512 ug/ml
6) T n-Tetradecane (C14)	8.530	4569963	33.160 ug/ml
7) T n-Hexadecane (C16)	10.136	5137979	35.800 ug/ml
8) T n-Octadecane (C18)	11.579	5503885	37.000 ug/ml
10) T n-Eicosane (C20)	12.888	5524102	37.574 ug/ml
11) T n-Heneicosane (C21)	13.499	5419592	36.745 ug/ml
13) T n-Docosane (C22)	14.086	5501209	37.128 ug/ml
14) T n-Tetracosane (C24)	15.188	10160783	66.935 ug/ml
15) T n-Hexacosane (C26)	16.212	5343297	36.043 ug/ml
16) T n-Octacosane (C28)	17.162	5193100	34.652 ug/ml
17) T n-Tricontane (C30)	18.052	5090165	34.498 ug/ml
18) T n-Dotriacontane (C32)	18.883	5155626	35.202 ug/ml
19) T n-Tetratriacontane (C34)	19.669	4775435	34.719 ug/ml
20) T n-Hexatriacontane (C36)	20.409	4550472	34.306 ug/ml
21) T n-Octatriacontane (C38)	21.140	4356835	33.584 ug/ml
22) T n-Tetracontane (C40)	22.037	4207955	31.693 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020823AL\
Data File : FE040264.D
Signal(s) : FID1B.ch
Acq On : 08 Feb 2023 18:36
Operator : YP\AJ
Sample : 01466-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

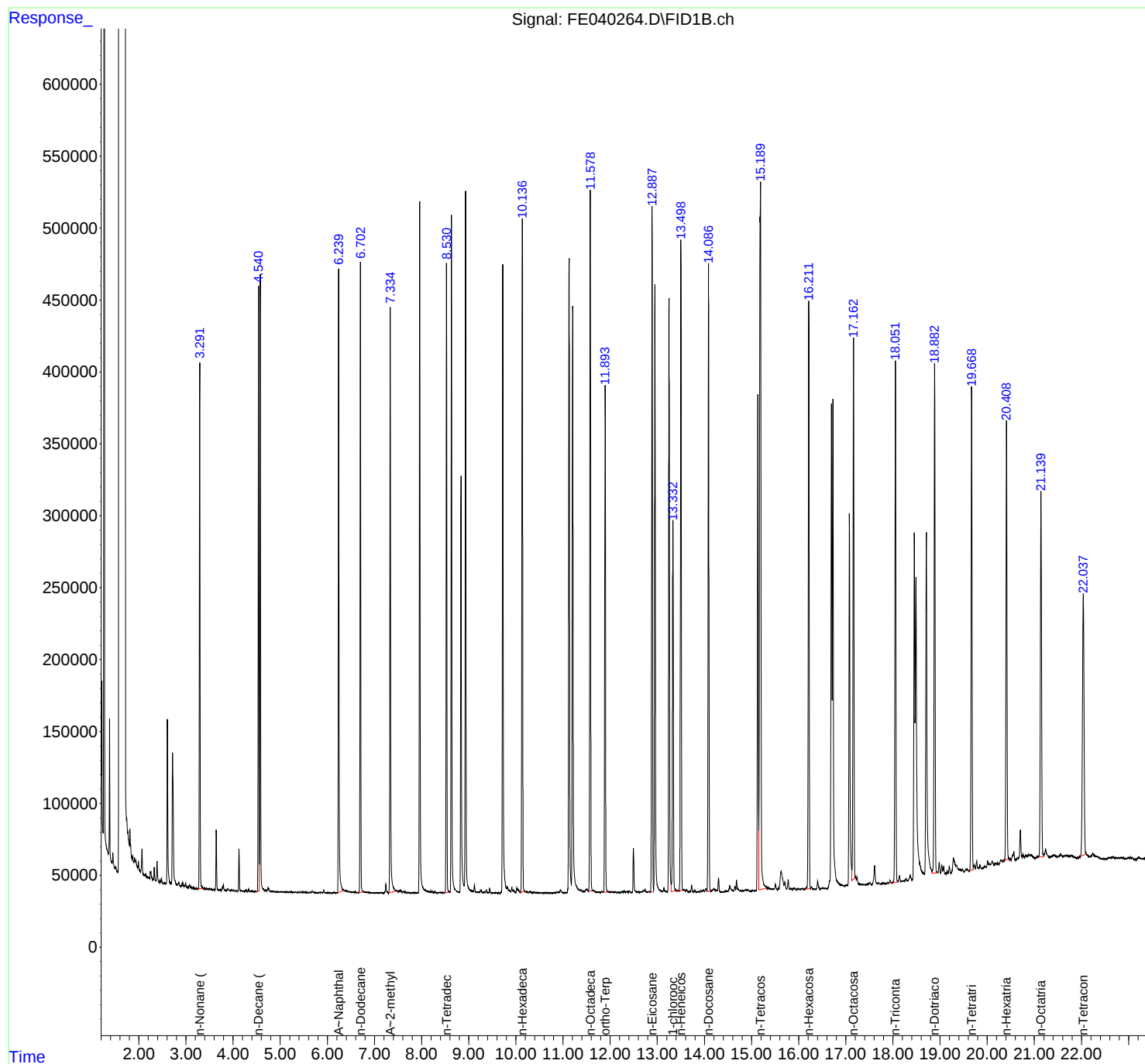
Instrument :
FID_E
Client Sample Id :
A-2MSD

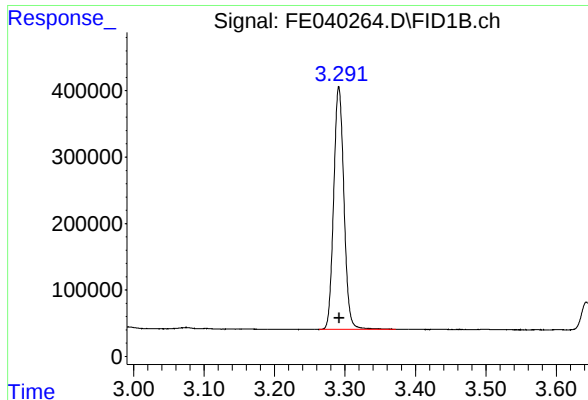
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/09/2023
Supervised By :Sohil Jodhani 02/09/2023

Integration File: autoint1.e
Quant Time: Feb 09 02:36:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.
Quant Title : GC Extractables
QLast Update : Thu Feb 02 04:52:48 2023
Response via : Initial Calibration
Integrator: ChemStation

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





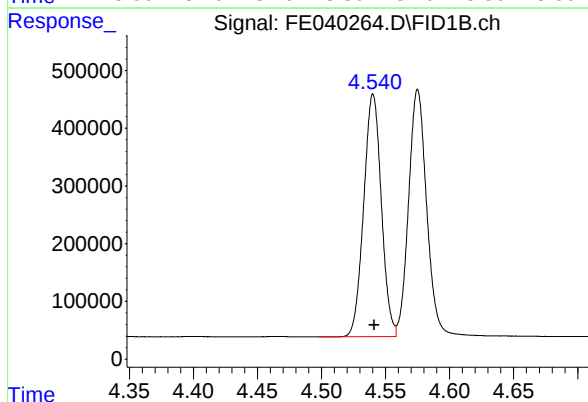
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 3691418
Conc: 27.12 ug/ml

Instrument :
FID_E
ClientSampleId :
A-2MSD

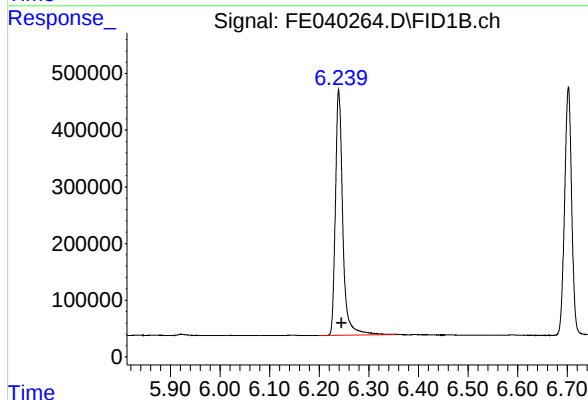
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/09/2023
Supervised By :Sohil Jodhani 02/09/2023



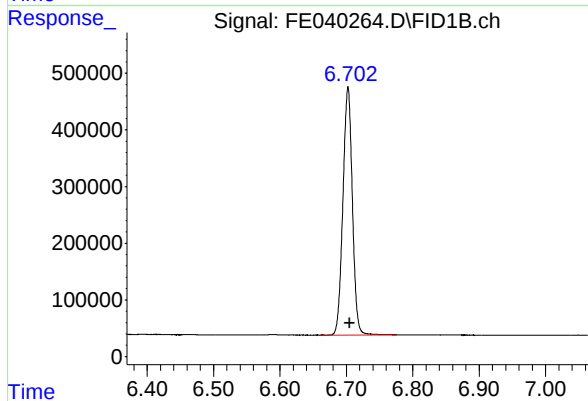
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 4025436
Conc: 30.30 ug/ml



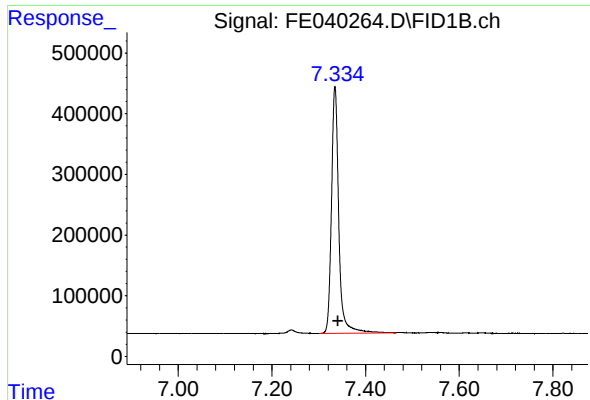
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.006 min
Response: 4458092
Conc: 30.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 4332708
Conc: 32.18 ug/ml



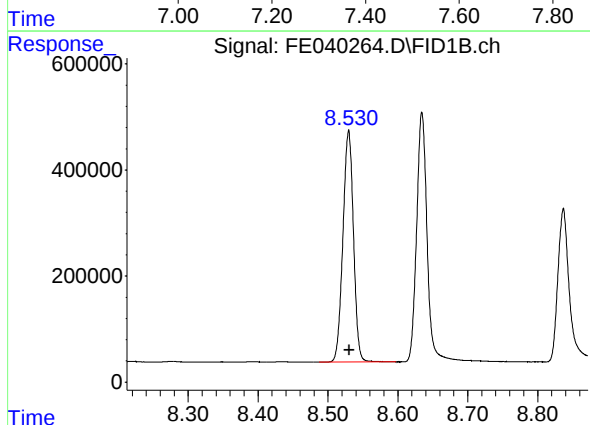
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: -0.006 min
Response: 4400696
Conc: 32.51 ug/ml

Instrument :
FID_E
ClientSampleId :
A-2MSD

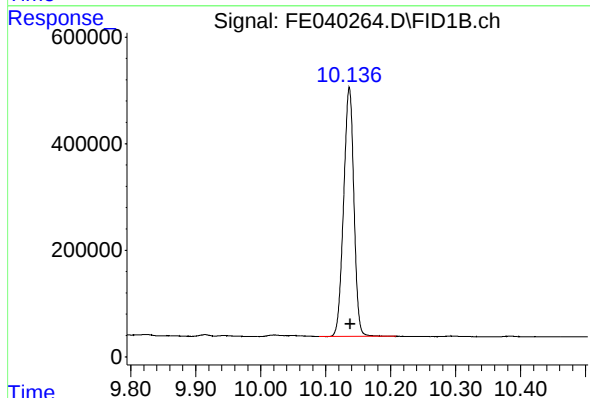
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/09/2023
Supervised By :Sohil Jodhani 02/09/2023



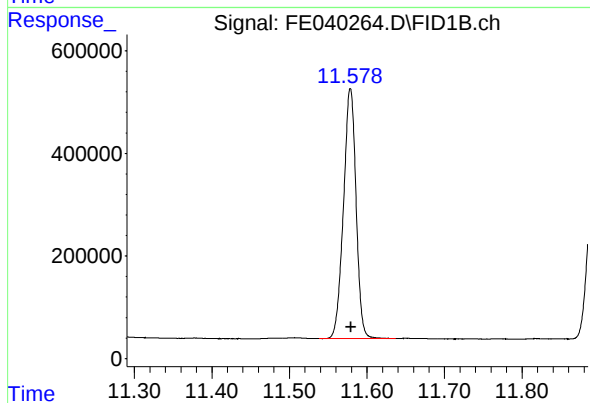
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 4569963
Conc: 33.16 ug/ml



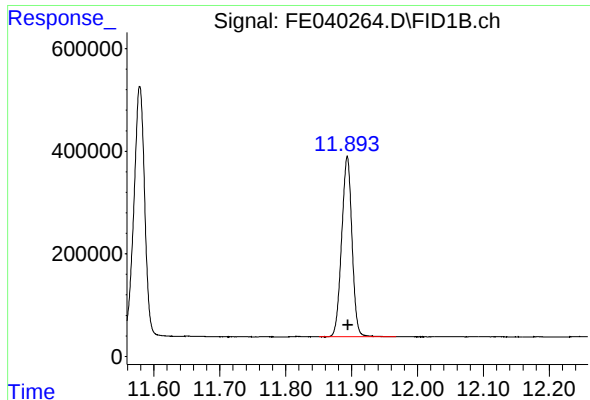
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.002 min
Response: 5137979
Conc: 35.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 5503885
Conc: 37.00 ug/ml



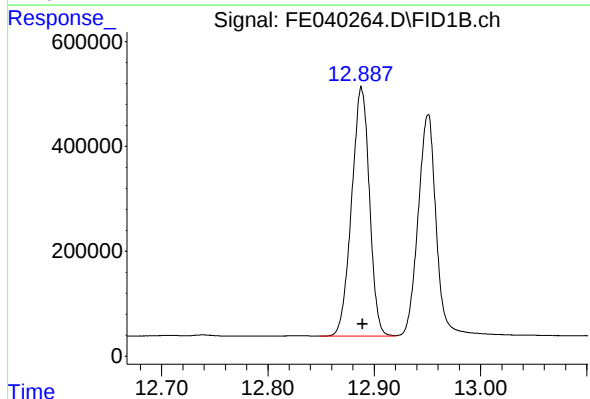
#9 ortho-Terphenyl (SURR)

R.T.: 11.894 min
Delta R.T.: -0.001 min
Response: 3830167
Conc: 23.66 ug/ml

Instrument :
FID_E
ClientSampleId :
A-2MSD

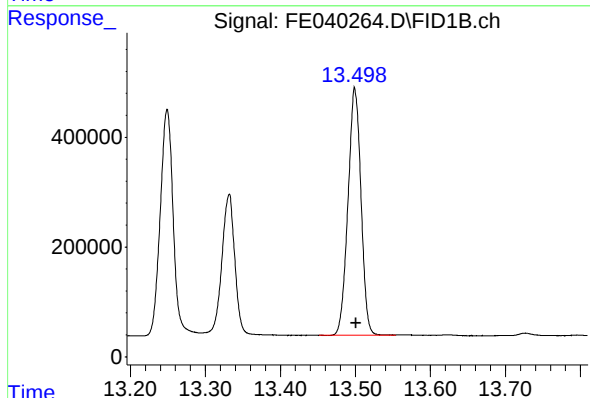
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/09/2023
Supervised By :Sohil Jodhani 02/09/2023



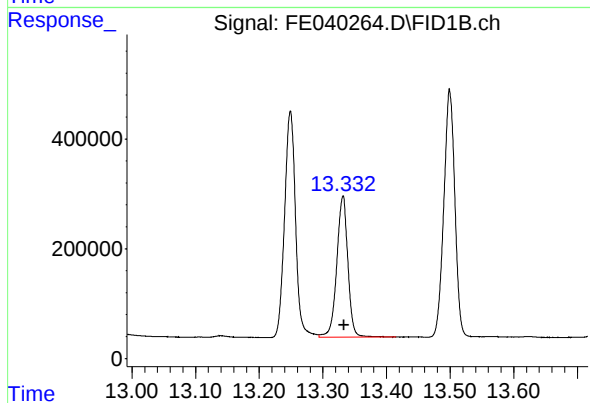
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.001 min
Response: 5524102
Conc: 37.57 ug/ml



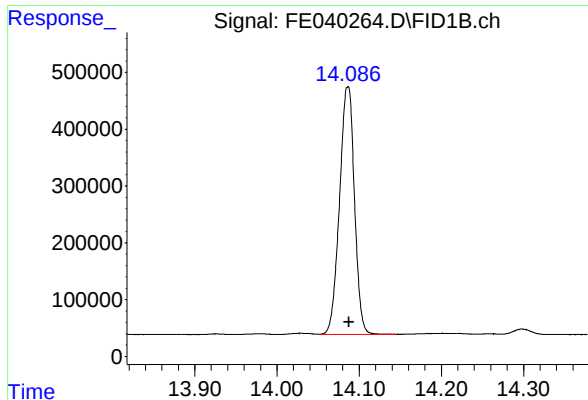
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.002 min
Response: 5419592
Conc: 36.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.332 min
Delta R.T.: -0.002 min
Response: 3132732
Conc: 25.26 ug/ml



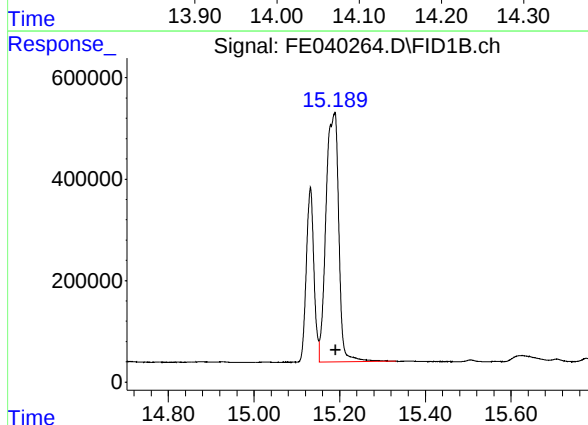
#13 n-Docosane (C22)

R.T.: 14.086 min
Delta R.T.: -0.001 min
Response: 5501209
Conc: 37.13 ug/ml

Instrument :
FID_E
ClientSampleId :
A-2MSD

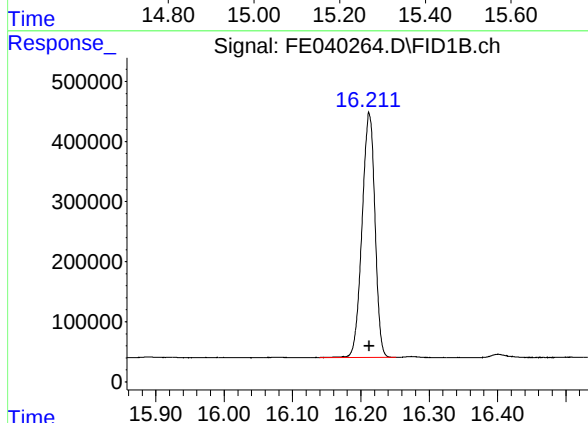
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/09/2023
Supervised By :Sohil Jodhani 02/09/2023



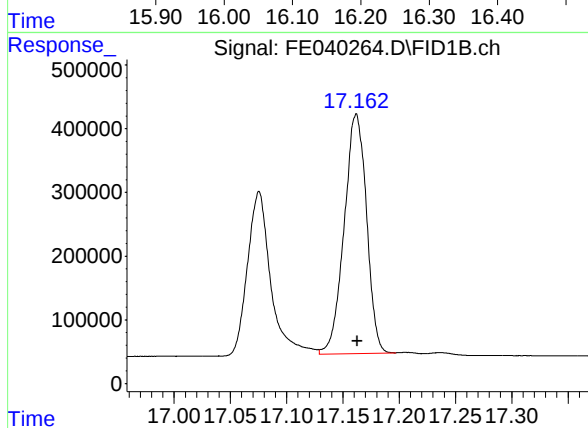
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.002 min
Response: 10160783
Conc: 66.93 ug/ml



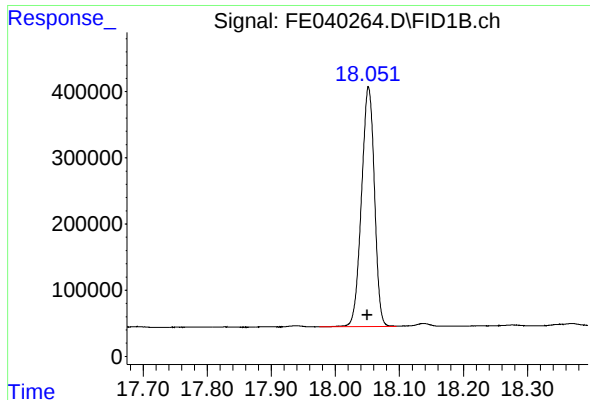
#15 n-Hexacosane (C26)

R.T.: 16.212 min
Delta R.T.: 0.000 min
Response: 5343297
Conc: 36.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.162 min
Delta R.T.: 0.000 min
Response: 5193100
Conc: 34.65 ug/ml



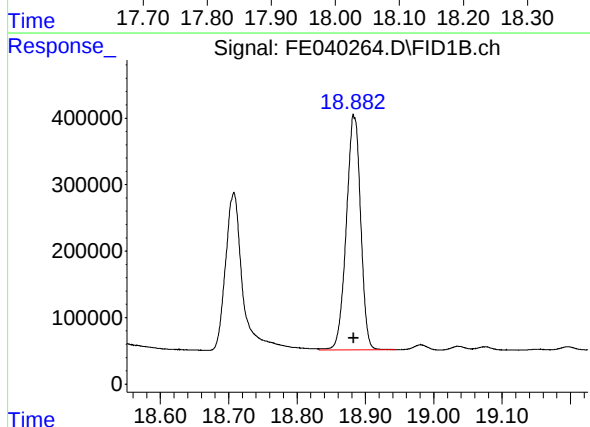
#17 n-Tricontane (C30)

R.T.: 18.052 min
Delta R.T.: 0.002 min
Response: 5090165
Conc: 34.50 ug/ml

Instrument :
FID_E
ClientSampleId :
A-2MSD

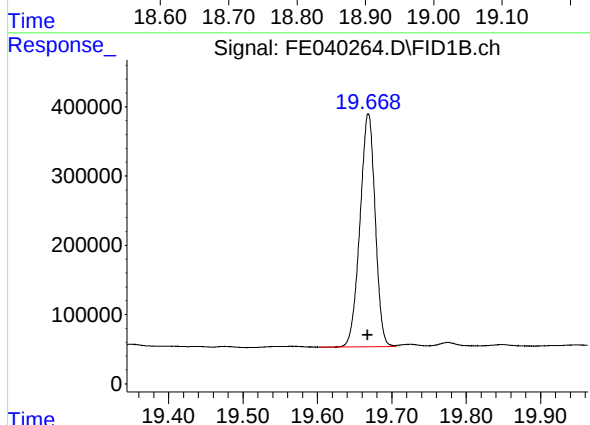
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/09/2023
Supervised By :Sohil Jodhani 02/09/2023



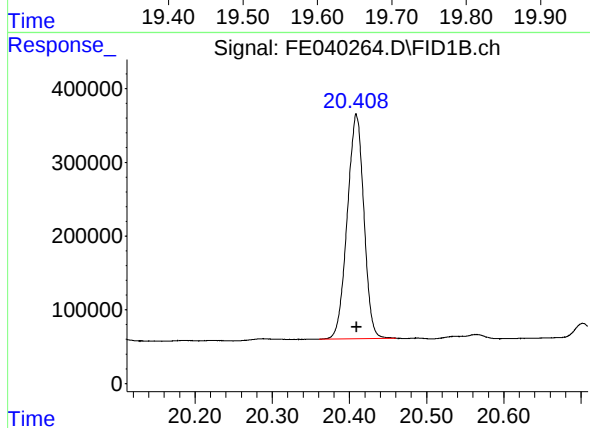
#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: 0.000 min
Response: 5155626
Conc: 35.20 ug/ml



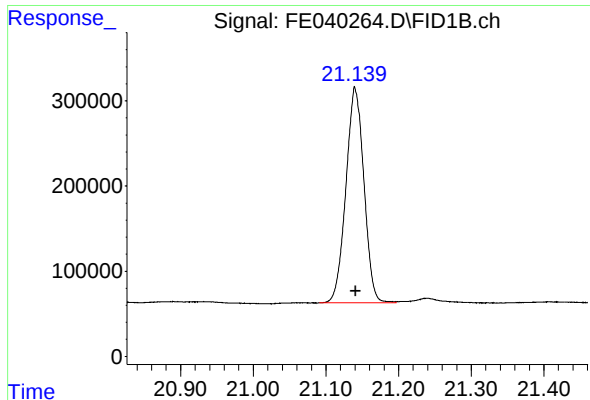
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: 0.001 min
Response: 4775435
Conc: 34.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 4550472
Conc: 34.31 ug/ml



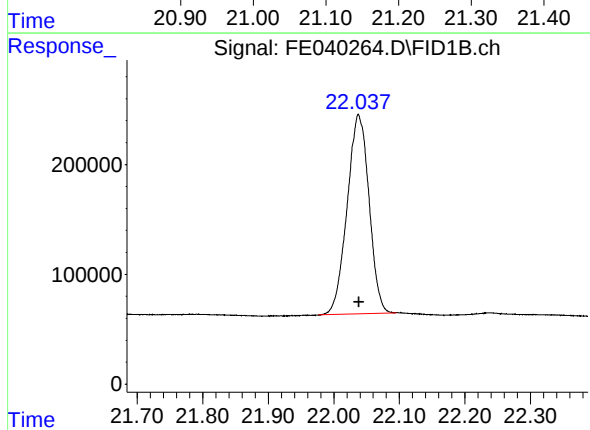
#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: -0.001 min
Response: 4356835
Conc: 33.58 ug/ml

Instrument :
FID_E
ClientSampleId :
A-2MSD

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/09/2023
Supervised By :Sohil Jodhani 02/09/2023



#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.002 min
Response: 4207955
Conc: 31.69 ug/ml m