

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051523AL\
 Data File : FE041920.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2023 16:43
 Operator : YP\AJ
 Sample : 02770-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CHRT-25990MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e
 Quant Time: May 16 01:12:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	12.013	11610130	61.885 ug/mlm
Spiked Amount 50.000		Recovery =	123.77%
12) S 1-chlorooctadecane (S...	13.398	13393128	94.806 ug/mlm
Spiked Amount 50.000		Recovery =	189.61%
Target Compounds			
1) T n-Nonane (C9)	3.346	3099558	21.086 ug/ml
2) T n-Decane (C10)	4.602	3910558	26.074 ug/ml
3) T A~Naphthalene (C11.7)	6.310	5163996	31.204 ug/ml
4) T n-Dodecane (C12)	6.772	5127816	33.726 ug/ml
5) T A~2-methylnaphthalene...	7.409	5949460	36.897 ug/ml
6) T n-Tetradecane (C14)	8.608	6222728	40.965 ug/mlm
7) T n-Hexadecane (C16)	10.232	6935919	43.462 ug/mlm
8) T n-Octadecane (C18)	11.704	5683984	34.677 ug/mlm
10) T n-Eicosane (C20)	13.016f	5052136	31.410 ug/mlm
11) T n-Heneicosane (C21)	13.618	5322608	33.398 ug/mlm
13) T n-Docosane (C22)	14.187	6280051	39.415 ug/mlm
14) T n-Tetracosane (C24)	15.277	15290851	94.844 ug/mlm
15) T n-Hexacosane (C26)	16.295	6354369	40.193 ug/ml
16) T n-Octacosane (C28)	17.244	6956456	45.209 ug/ml
17) T n-Tricontane (C30)	18.133	5982467	39.280 ug/ml
18) T n-Dotriacontane (C32)	18.964	5643432	37.881 ug/ml
19) T n-Tetratriacontane (C34)	19.747	5502425	39.059 ug/ml
20) T n-Hexatriacontane (C36)	20.487	5317620	39.764 ug/mlm
21) T n-Octatriacontane (C38)	21.242	5199249	39.348 ug/ml
22) T n-Tetracontane (C40)	22.182	5355980	42.303 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051523AL\
Data File : FE041920.D
Signal(s) : FID1B.ch
Acq On : 15 May 2023 16:43
Operator : YP\AJ
Sample : 02770-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

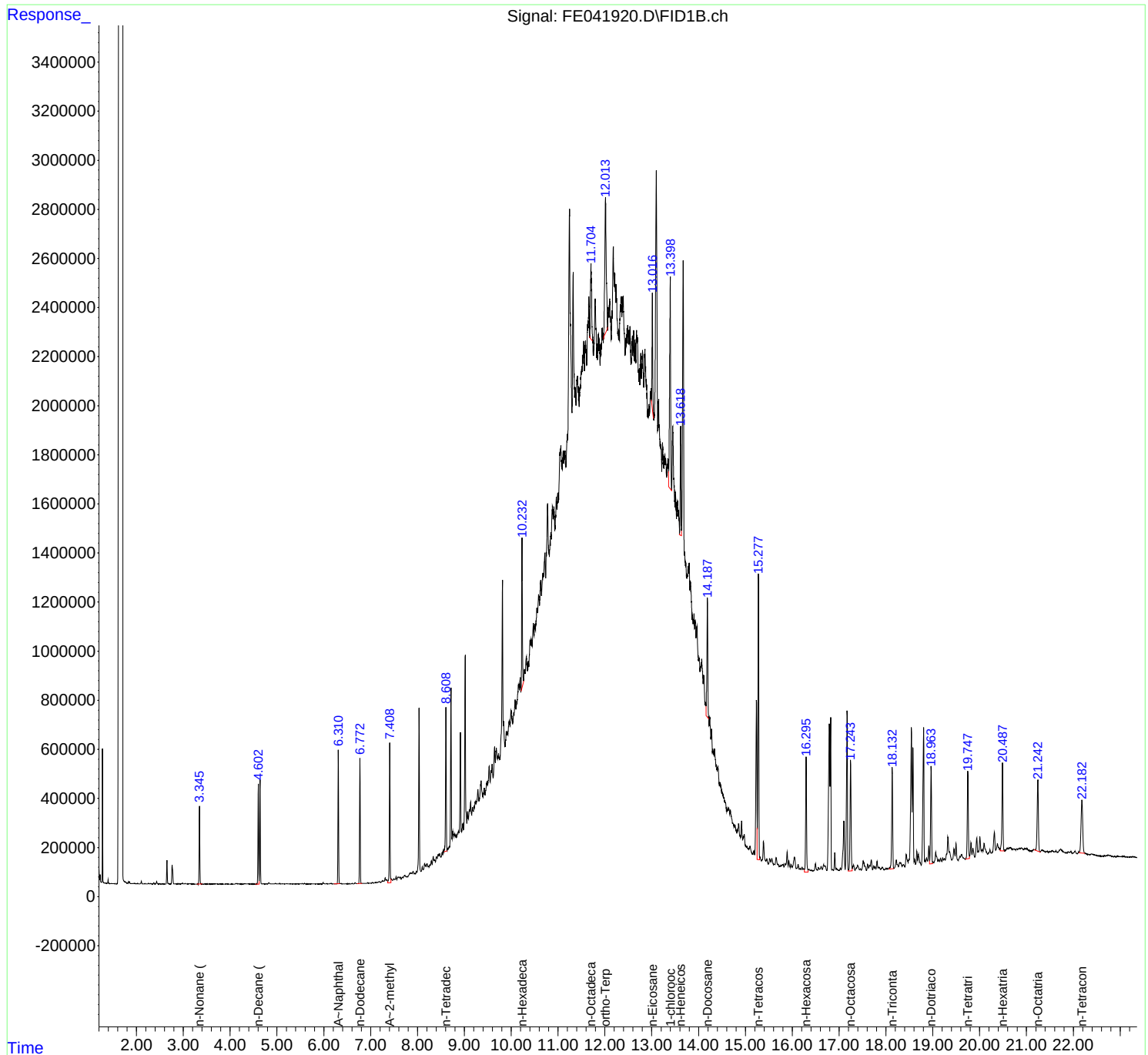
Instrument :
FID_E
ClientSampleId :
CHRT-25990MS

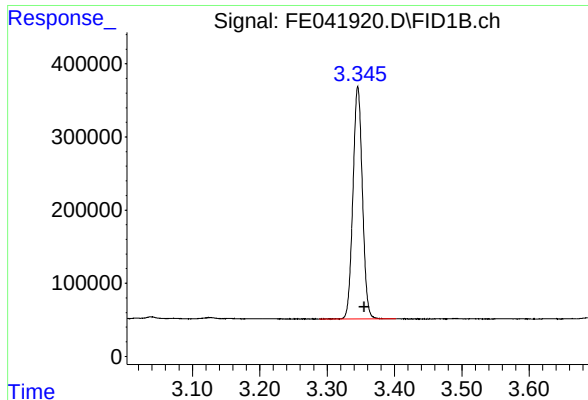
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e
Quant Time: May 16 01:12:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 2023
Response via : Initial Calibration
Integrator: ChemStation

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





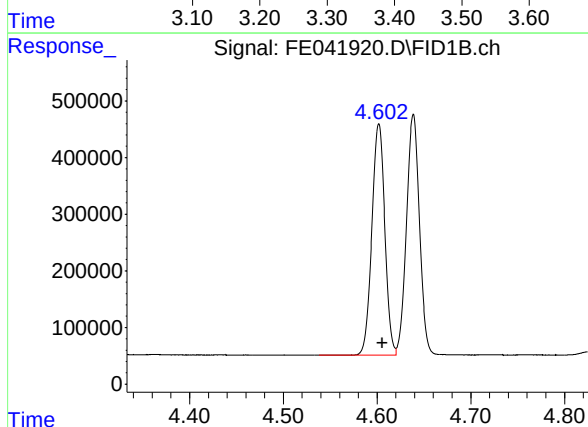
#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: -0.009 min
Response: 3099558
Conc: 21.09 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-25990MS

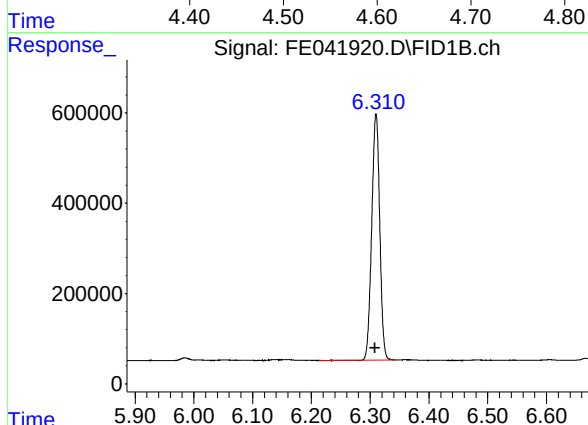
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



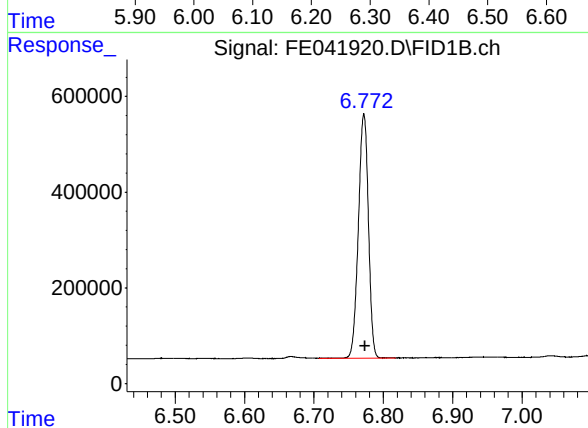
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.004 min
Response: 3910558
Conc: 26.07 ug/ml



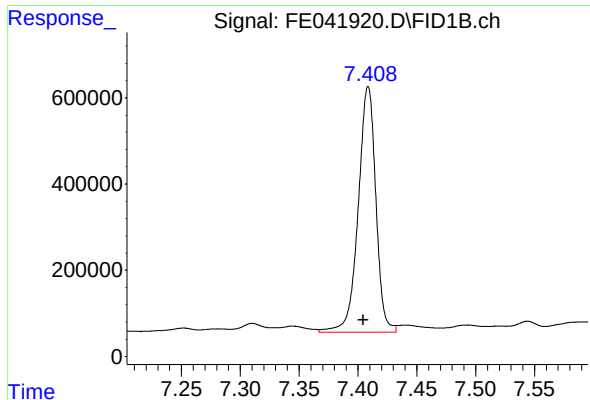
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.002 min
Response: 5163996
Conc: 31.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 5127816
Conc: 33.73 ug/ml



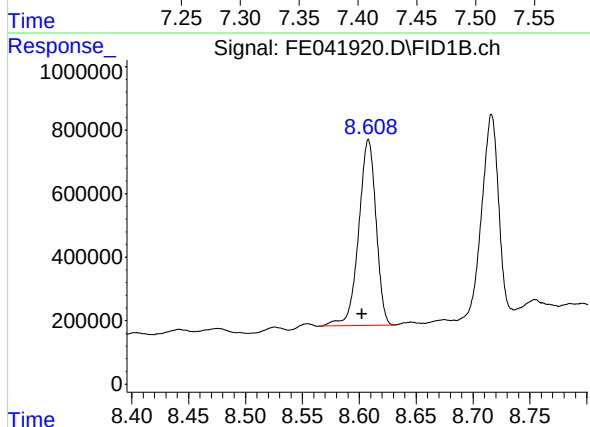
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.409 min
Delta R.T.: 0.004 min
Response: 5949460
Conc: 36.90 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-25990MS

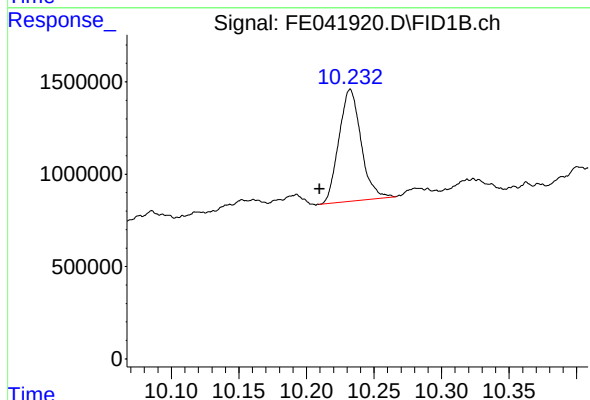
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



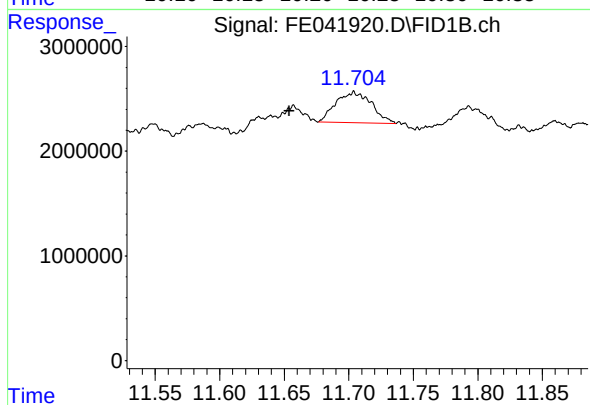
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: 0.005 min
Response: 6222728
Conc: 40.96 ug/ml m



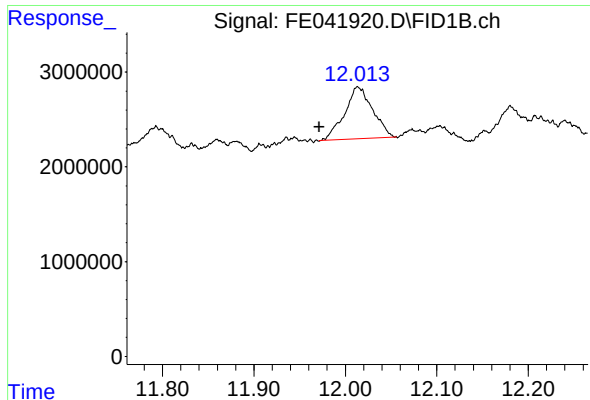
#7 n-Hexadecane (C16)

R.T.: 10.232 min
Delta R.T.: 0.022 min
Response: 6935919
Conc: 43.46 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.704 min
Delta R.T.: 0.050 min
Response: 5683984
Conc: 34.68 ug/ml m



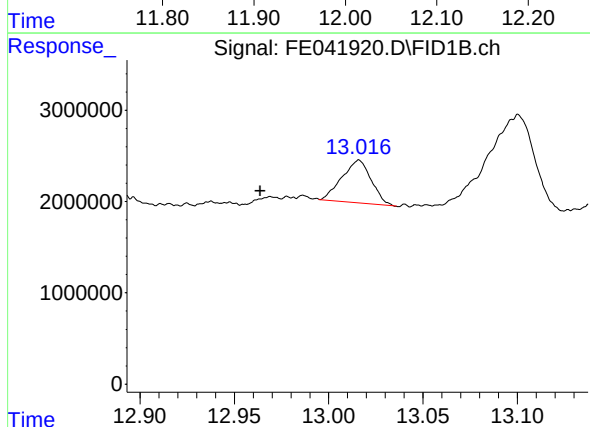
#9 ortho-Terphenyl (SURR)

R.T.: 12.013 min
Delta R.T.: 0.041 min
Response: 11610130
Conc: 61.89 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-25990MS

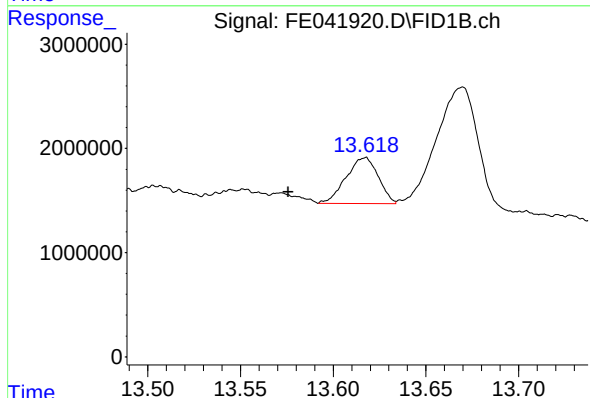
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



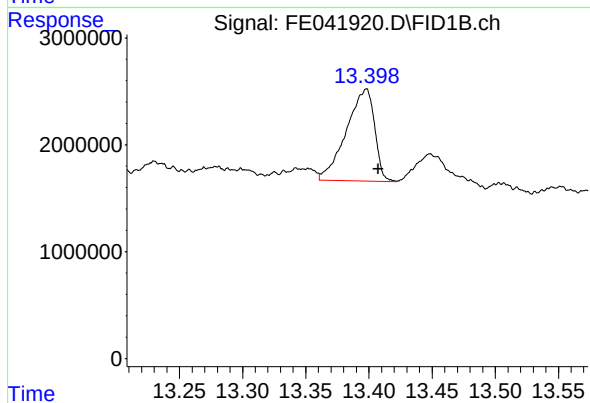
#10 n-Eicosane (C20)

R.T.: 13.016 min
Delta R.T.: 0.052 min
Response: 5052136
Conc: 31.41 ug/ml m



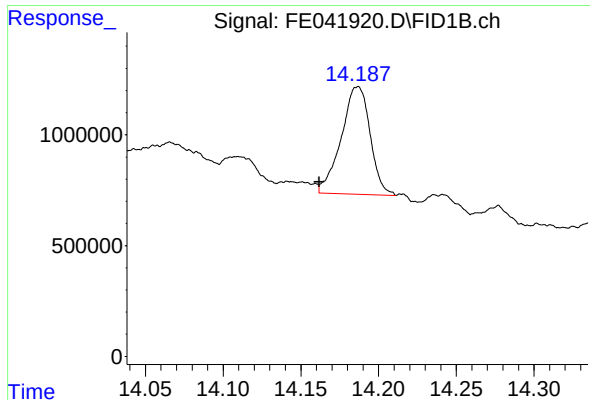
#11 n-Heneicosane (C21)

R.T.: 13.618 min
Delta R.T.: 0.042 min
Response: 5322608
Conc: 33.40 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.398 min
Delta R.T.: -0.009 min
Response: 13393128
Conc: 94.81 ug/ml m



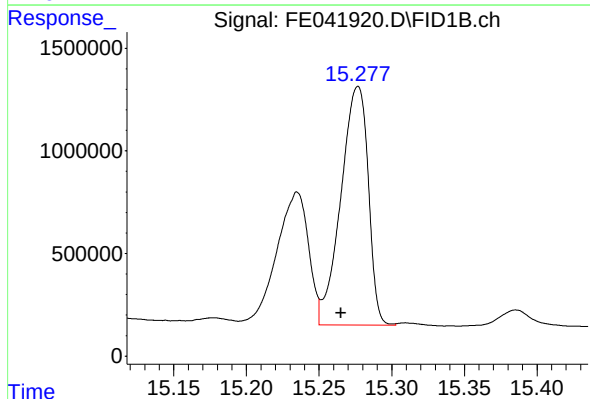
#13 n-Docosane (C22)

R.T.: 14.187 min
Delta R.T.: 0.025 min
Response: 6280051
Conc: 39.42 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-25990MS

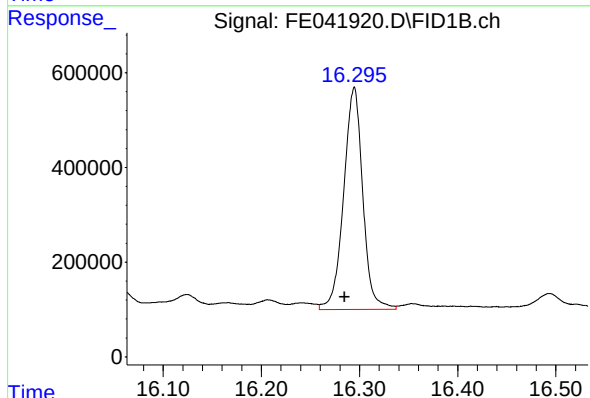
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



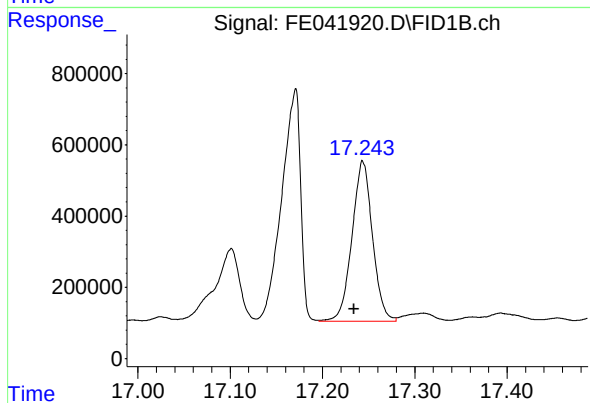
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: 0.012 min
Response: 15290851
Conc: 94.84 ug/ml



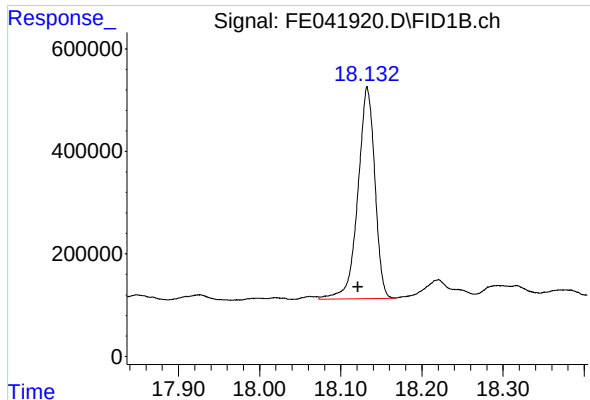
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: 0.010 min
Response: 6354369
Conc: 40.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.244 min
Delta R.T.: 0.010 min
Response: 6956456
Conc: 45.21 ug/ml



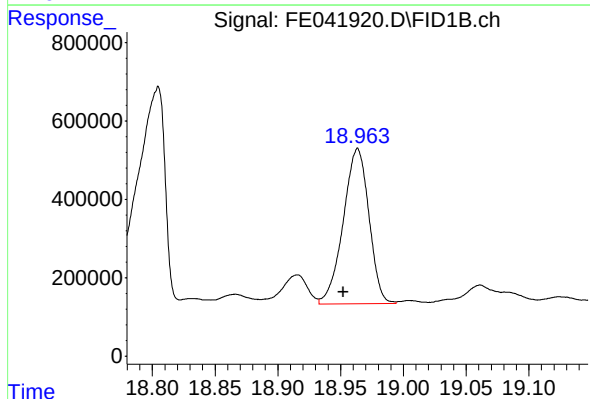
#17 n-Tricontane (C30)

R.T.: 18.133 min
Delta R.T.: 0.011 min
Response: 5982467
Conc: 39.28 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-25990MS

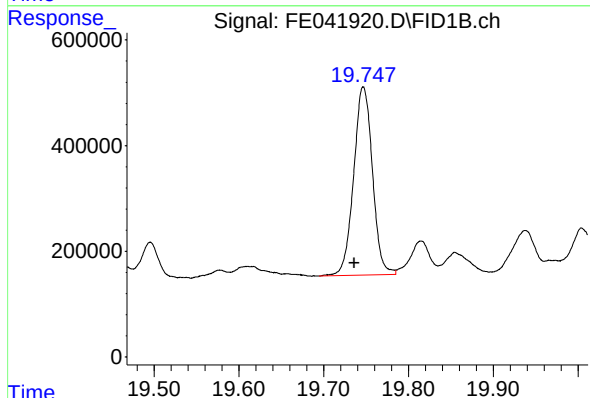
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



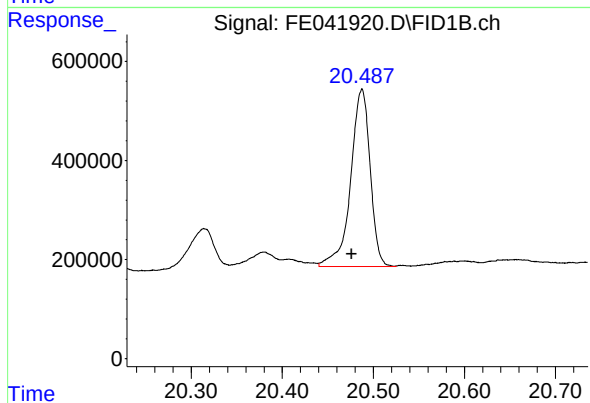
#18 n-Dotriacontane (C32)

R.T.: 18.964 min
Delta R.T.: 0.011 min
Response: 5643432
Conc: 37.88 ug/ml



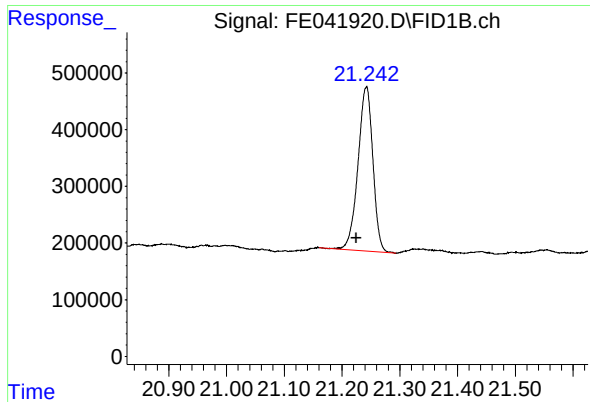
#19 n-Tetratriacontane (C34)

R.T.: 19.747 min
Delta R.T.: 0.011 min
Response: 5502425
Conc: 39.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.487 min
Delta R.T.: 0.011 min
Response: 5317620
Conc: 39.76 ug/ml m



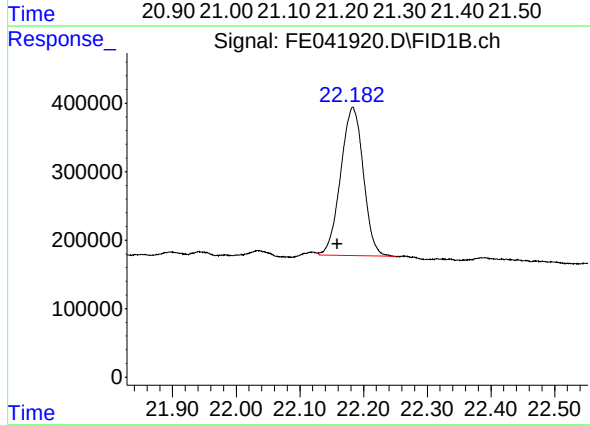
#21 n-Octatriacontane (C38)

R.T.: 21.242 min
Delta R.T.: 0.018 min
Response: 5199249
Conc: 39.35 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-25990MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



#22 n-Tetracontane (C40)

R.T.: 22.182 min
Delta R.T.: 0.023 min
Response: 5355980
Conc: 42.30 ug/ml m