

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041923AL\
 Data File : FE041435.D
 Signal(s) : FID1B.ch
 Acq On : 19 Apr 2023 18:08
 Operator : YP\AJ
 Sample : 02389-14MS 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SPB-4WC-23-04-17MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/20/2023
 Supervised By :Ankita Jodhani 04/20/2023

Integration File: autoint1.e
 Quant Time: Apr 20 01:59:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.832	419923	2.234 ug/ml
Spiked Amount 50.000		Recovery =	4.47%
12) S 1-chlorooctadecane (S...	13.270	400708	2.785 ug/ml
Spiked Amount 50.000		Recovery =	5.57%
Target Compounds			
1) T n-Nonane (C9)	3.233	849393	4.895 ug/ml
2) T n-Decane (C10)	4.479	833977	4.899 ug/mlm
3) T A~Naphthalene (C11.7)	6.189	793946	4.341 ug/ml
4) T n-Dodecane (C12)	6.643	900698	5.192 ug/ml
5) T A~2-methylnaphthalene...	7.285	755000	4.559 ug/ml
6) T n-Tetradecane (C14)	8.468	930526	5.337 ug/ml
7) T n-Hexadecane (C16)	10.075	998439	5.614 ug/ml
8) T n-Octadecane (C18)	11.516	992221	5.557 ug/ml
10) T n-Eicosane (C20)	12.826	991127	5.811 ug/ml
11) T n-Heneicosane (C21)	13.437	927238	5.481 ug/ml
13) T n-Docosane (C22)	14.025	920376	5.562 ug/ml
14) T n-Tetracosane (C24)	15.129	2052542	12.687 ug/ml
15) T n-Hexacosane (C26)	16.152	920033	5.935 ug/ml
16) T n-Octacosane (C28)	17.104	954480	6.231 ug/ml
17) T n-Tricontane (C30)	17.993	928155	6.072 ug/ml
18) T n-Dotriacontane (C32)	18.827	873425	5.594 ug/ml
19) T n-Tetratriacontane (C34)	19.612	903959	5.833 ug/ml
20) T n-Hexatriacontane (C36)	20.355	865905	5.701 ug/mlm
21) T n-Octatriacontane (C38)	21.080	911610	5.835 ug/ml
22) T n-Tetracontane (C40)	21.956	983854	6.164 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041923AL\
Data File : FE041435.D
Signal(s) : FID1B.ch
Acq On : 19 Apr 2023 18:08
Operator : YP\AJ
Sample : 02389-14MS 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

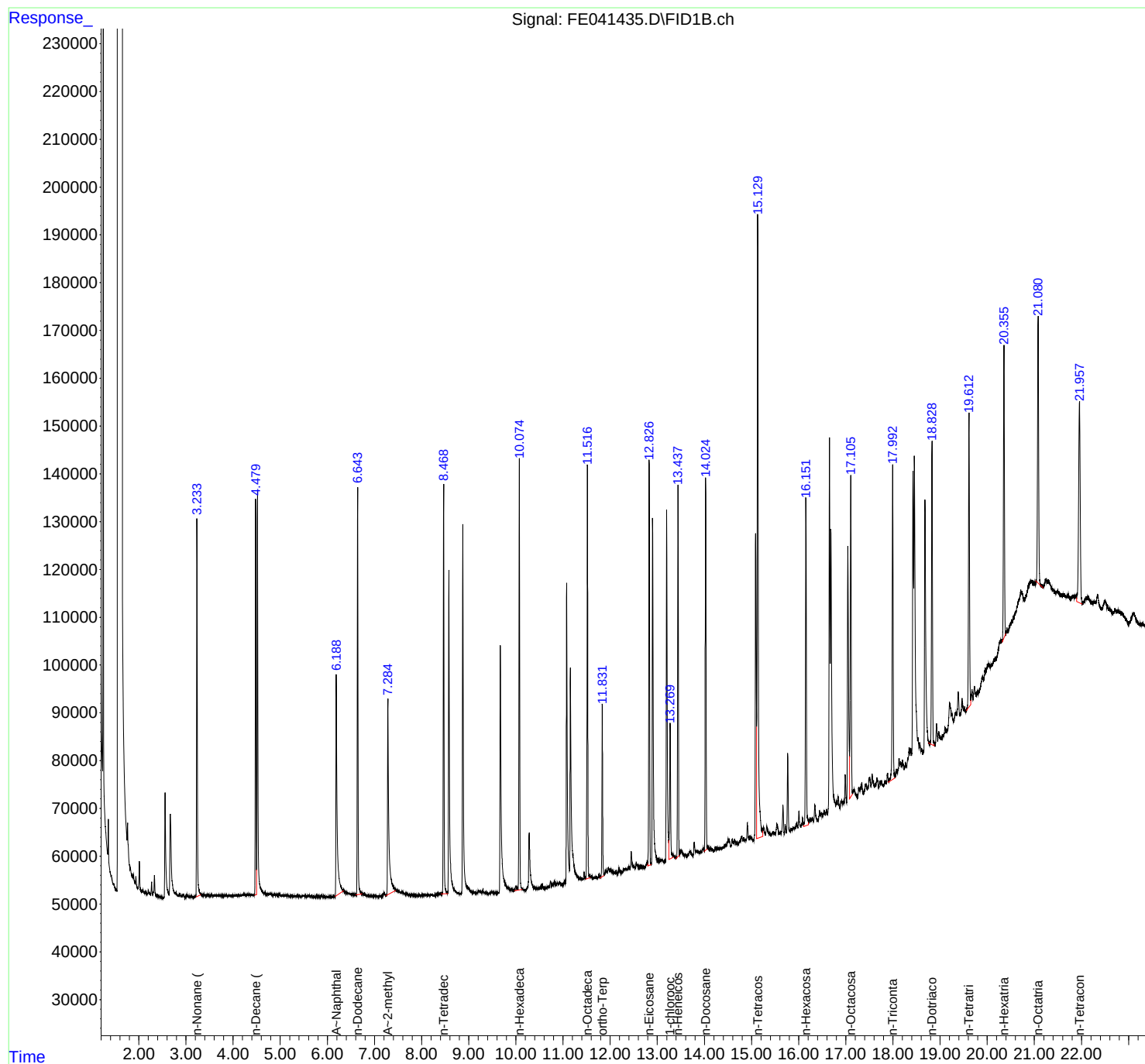
Instrument :
FID_E
ClientSampleId :
SPB-4WC-23-04-17MS

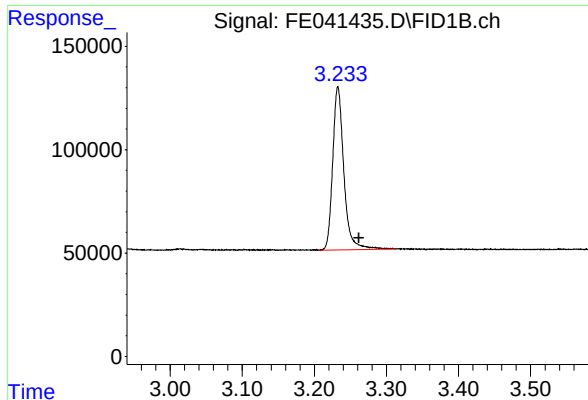
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023

Integration File: autoint1.e
Quant Time: Apr 20 01:59:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.
Quant Title : GC Extractables
QLast Update : Sat Mar 25 06:32:15 2023
Response via : Initial Calibration
Integrator: ChemStation

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





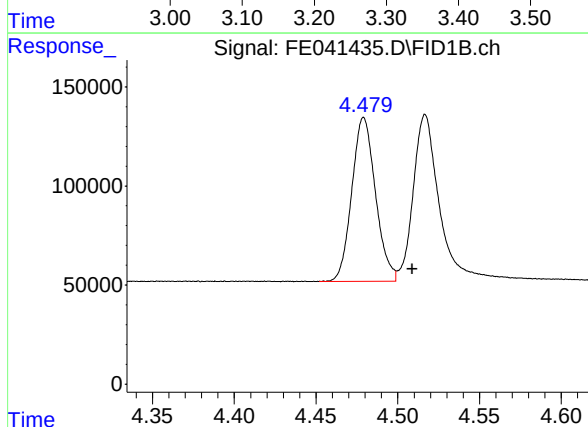
#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: -0.029 min
Response: 849393
Conc: 4.90 ug/ml

Instrument :
FID_E
ClientSampleId :
SPB-4WC-23-04-17MS

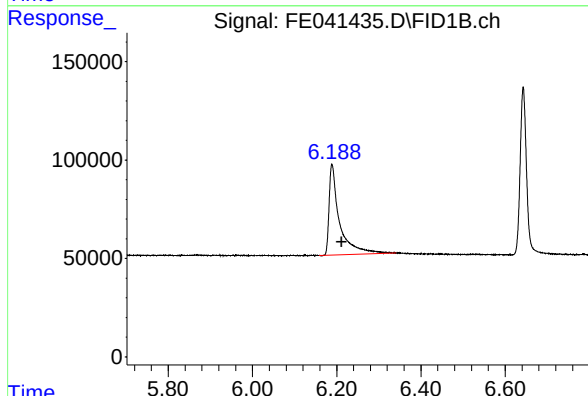
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



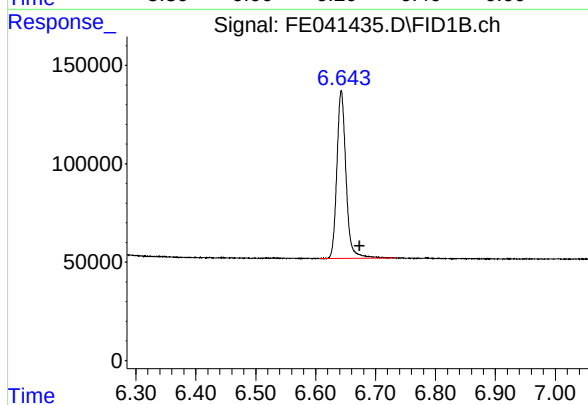
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.030 min
Response: 833977
Conc: 4.90 ug/ml m



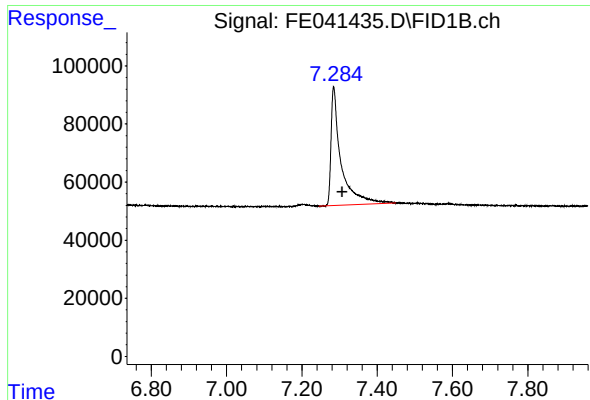
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.023 min
Response: 793946
Conc: 4.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.643 min
Delta R.T.: -0.031 min
Response: 900698
Conc: 5.19 ug/ml



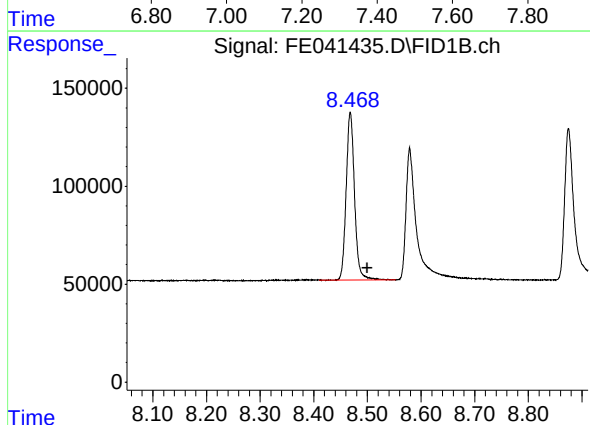
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.285 min
Delta R.T.: -0.023 min
Response: 755000
Conc: 4.56 ug/ml

Instrument : FID_E
ClientSampleId : SPB-4WC-23-04-17MS

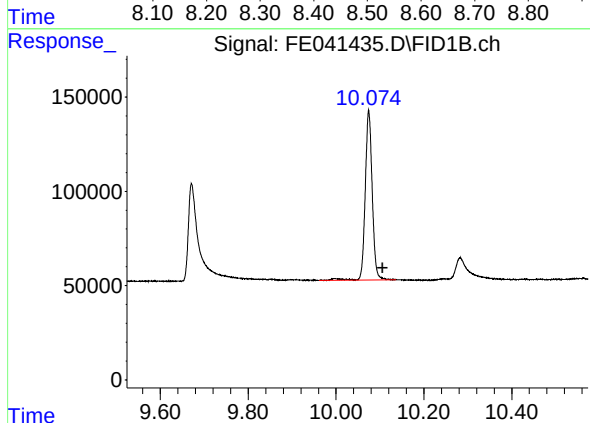
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



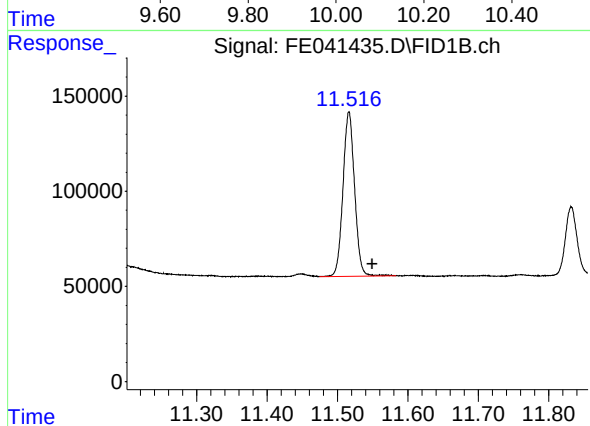
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.032 min
Response: 930526
Conc: 5.34 ug/ml



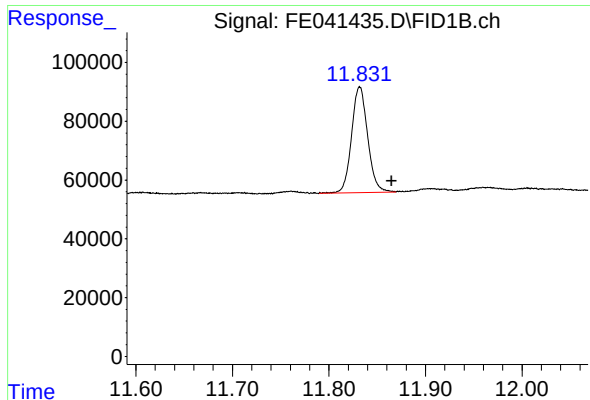
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: -0.032 min
Response: 998439
Conc: 5.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.516 min
Delta R.T.: -0.033 min
Response: 992221
Conc: 5.56 ug/ml



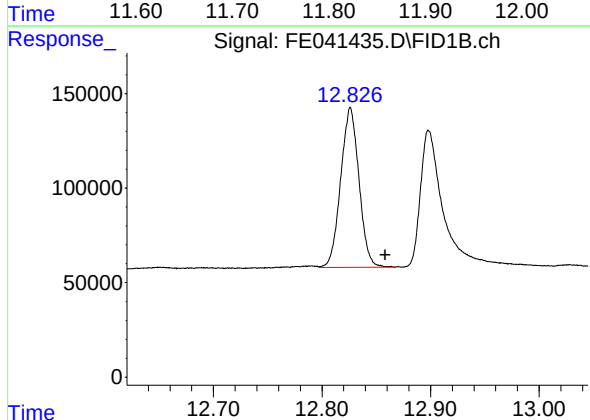
#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.033 min
Response: 419923
Conc: 2.23 ug/ml

Instrument :
FID_E
ClientSampleId :
SPB-4WC-23-04-17MS

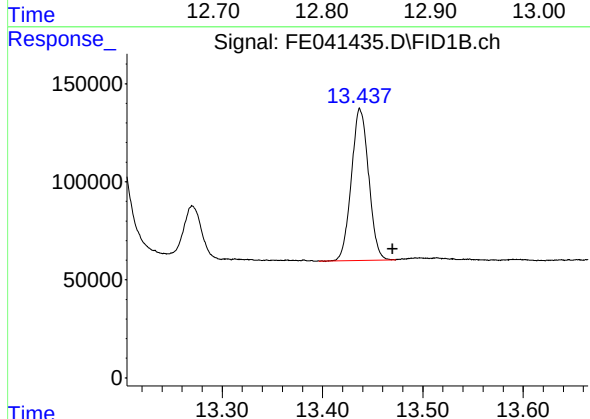
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



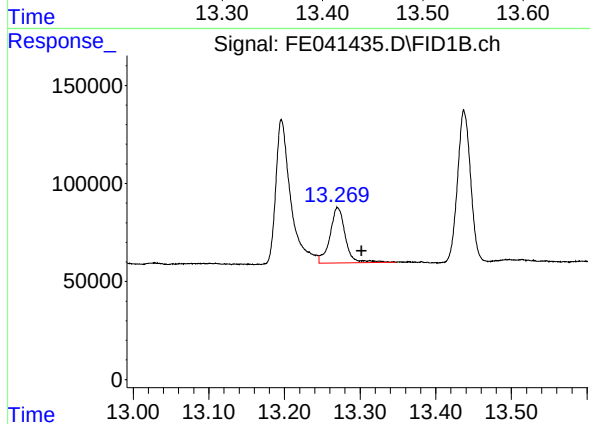
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.032 min
Response: 991127
Conc: 5.81 ug/ml



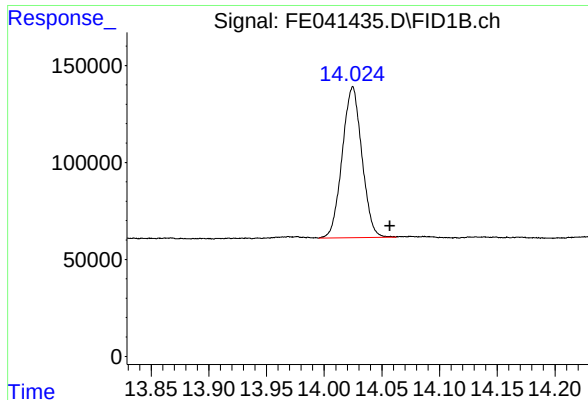
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.033 min
Response: 927238
Conc: 5.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.032 min
Response: 400708
Conc: 2.79 ug/ml



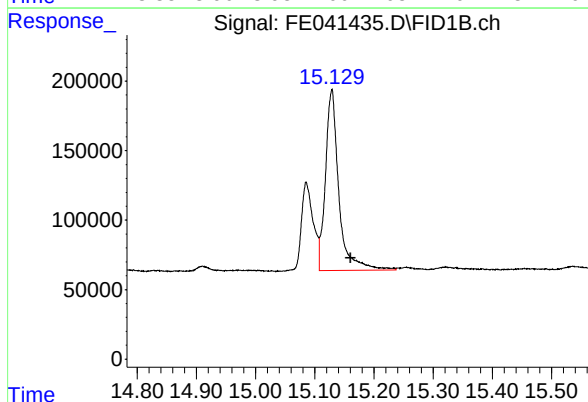
#13 n-Docosane (C22)

R.T.: 14.025 min
Delta R.T.: -0.032 min
Response: 920376
Conc: 5.56 ug/ml

Instrument :
FID_E
ClientSampleId :
SPB-4WC-23-04-17MS

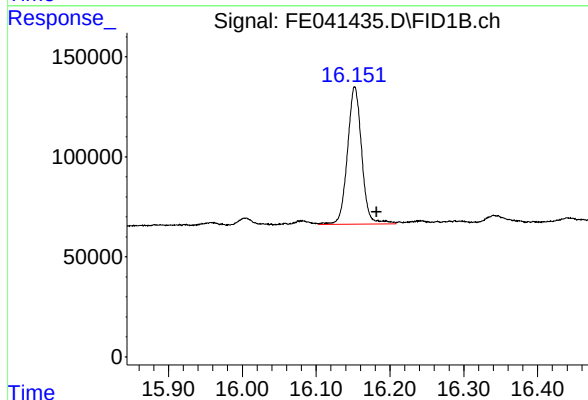
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



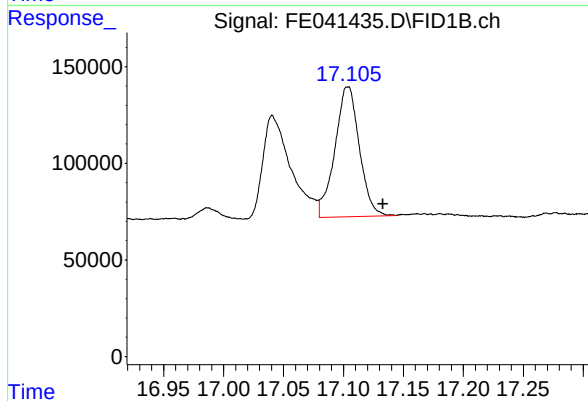
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.032 min
Response: 2052542
Conc: 12.69 ug/ml



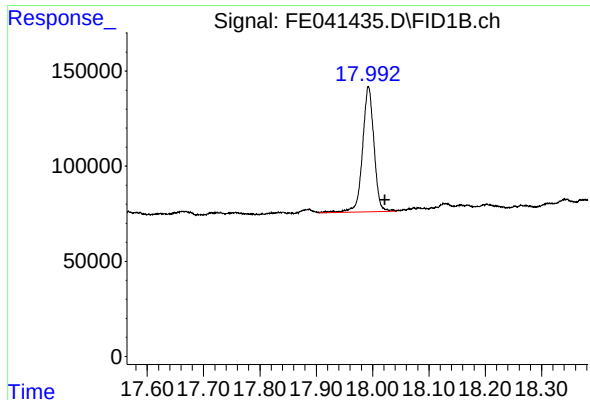
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.030 min
Response: 920033
Conc: 5.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: -0.030 min
Response: 954480
Conc: 6.23 ug/ml



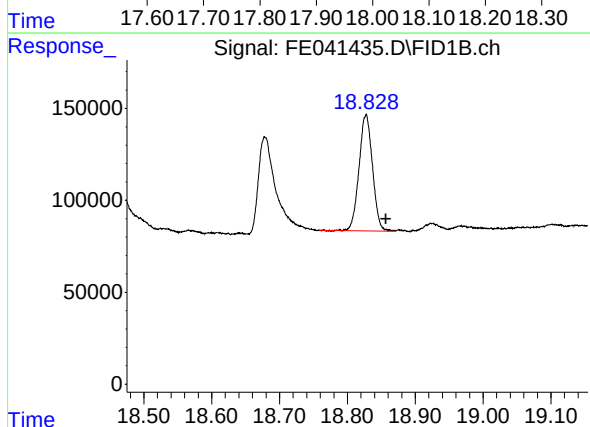
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.030 min
Response: 928155
Conc: 6.07 ug/ml

Instrument :
FID_E
ClientSampleId :
SPB-4WC-23-04-17MS

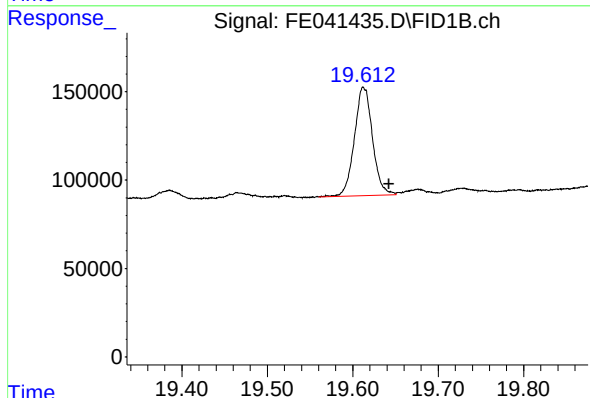
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



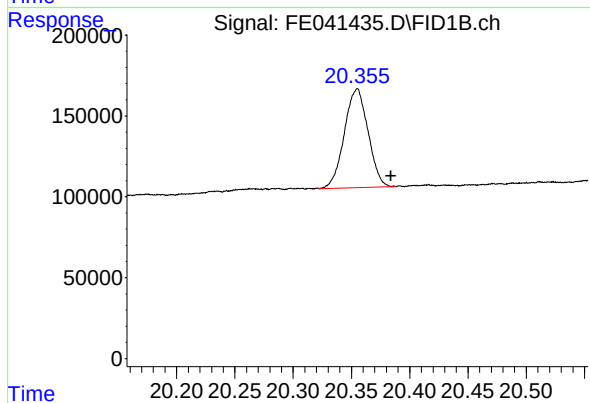
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.029 min
Response: 873425
Conc: 5.59 ug/ml



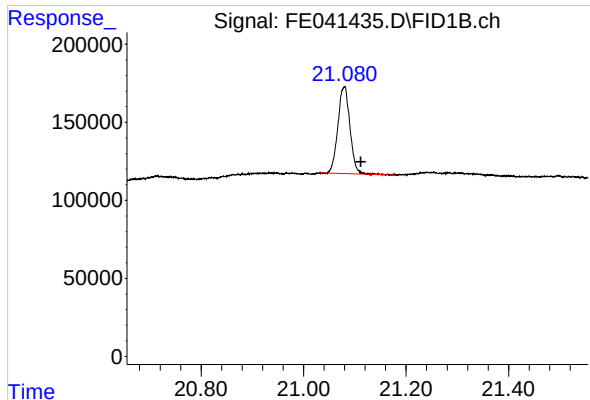
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.030 min
Response: 903959
Conc: 5.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.029 min
Response: 865905
Conc: 5.70 ug/ml m



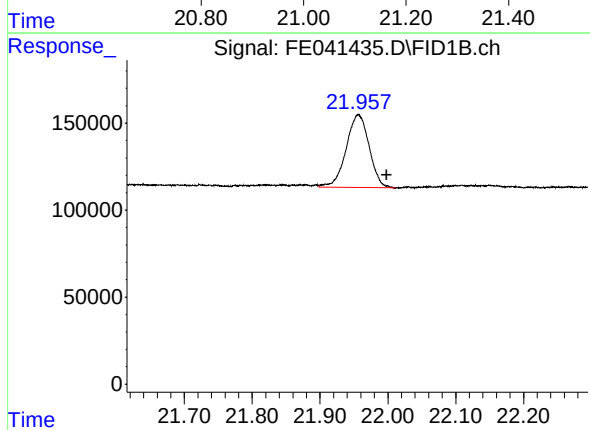
#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: -0.032 min
Response: 911610
Conc: 5.84 ug/ml

Instrument :
FID_E
ClientSampleId :
SPB-4WC-23-04-17MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



#22 n-Tetracontane (C40)

R.T.: 21.956 min
Delta R.T.: -0.041 min
Response: 983854
Conc: 6.16 ug/ml