

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101624AL\
 Data File : FE050698.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2024 16:17
 Operator : YP\AJ
 Sample : P4406-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

OK-02-101524MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/17/2024

Supervised By :Ankita Jodhani 10/17/2024

Integration File: autoint1.e

Quant Time: Oct 17 02:57:47 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.861	4063434	25.774 ug/ml
Spiked Amount 50.000		Recovery =	51.55%
12) S 1-chlorooctadecane (S...	13.295	3909136	33.046 ug/ml
Spiked Amount 50.000		Recovery =	66.09%
Target Compounds			
1) T n-Nonane (C9)	3.251	3575082	25.303 ug/ml
2) T n-Decane (C10)	4.500	3993781	27.836 ug/ml
3) T A~Naphthalene (C11.7)	6.210	4551867	31.833 ug/ml
4) T n-Dodecane (C12)	6.667	4514257	31.363 ug/ml
5) T A~2-methylnaphthalene...	7.306	4442781	33.535 ug/ml
6) T n-Tetradecane (C14)	8.495	5038041	35.215 ug/ml
7) T n-Hexadecane (C16)	10.099	5030216	34.180 ug/ml
8) T n-Octadecane (C18)	11.542	5074197	33.971 ug/ml
10) T n-Eicosane (C20)	12.850	5824272	40.615 ug/ml
11) T n-Heneicosane (C21)	13.461	4930338	35.108 ug/ml
13) T n-Docosane (C22)	14.046	5157150	36.759 ug/ml
14) T n-Tetracosane (C24)	15.148	10548700	74.667 ug/ml
15) T n-Hexacosane (C26)	16.171	5173587	36.766 ug/ml
16) T n-Octacosane (C28)	17.121	5300497	36.223 ug/mlm
17) T n-Tricontane (C30)	18.008	5521238	34.724 ug/mlm
18) T n-Dotriacontane (C32)	18.841	5758551	35.522 ug/mlm
19) T n-Tetratriacontane (C34)	19.629	6433078	43.795 ug/ml
20) T n-Hexatriacontane (C36)	20.371	5999019	47.306 ug/ml
21) T n-Octatriacontane (C38)	21.101	6670550	53.948 ug/ml
22) T n-Tetracontane (C40)	21.993	5343601	47.989 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101624AL\
Data File : FE050698.D
Signal(s) : FID1B.ch
Acq On : 16 Oct 2024 16:17
Operator : YP\AJ
Sample : P4406-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

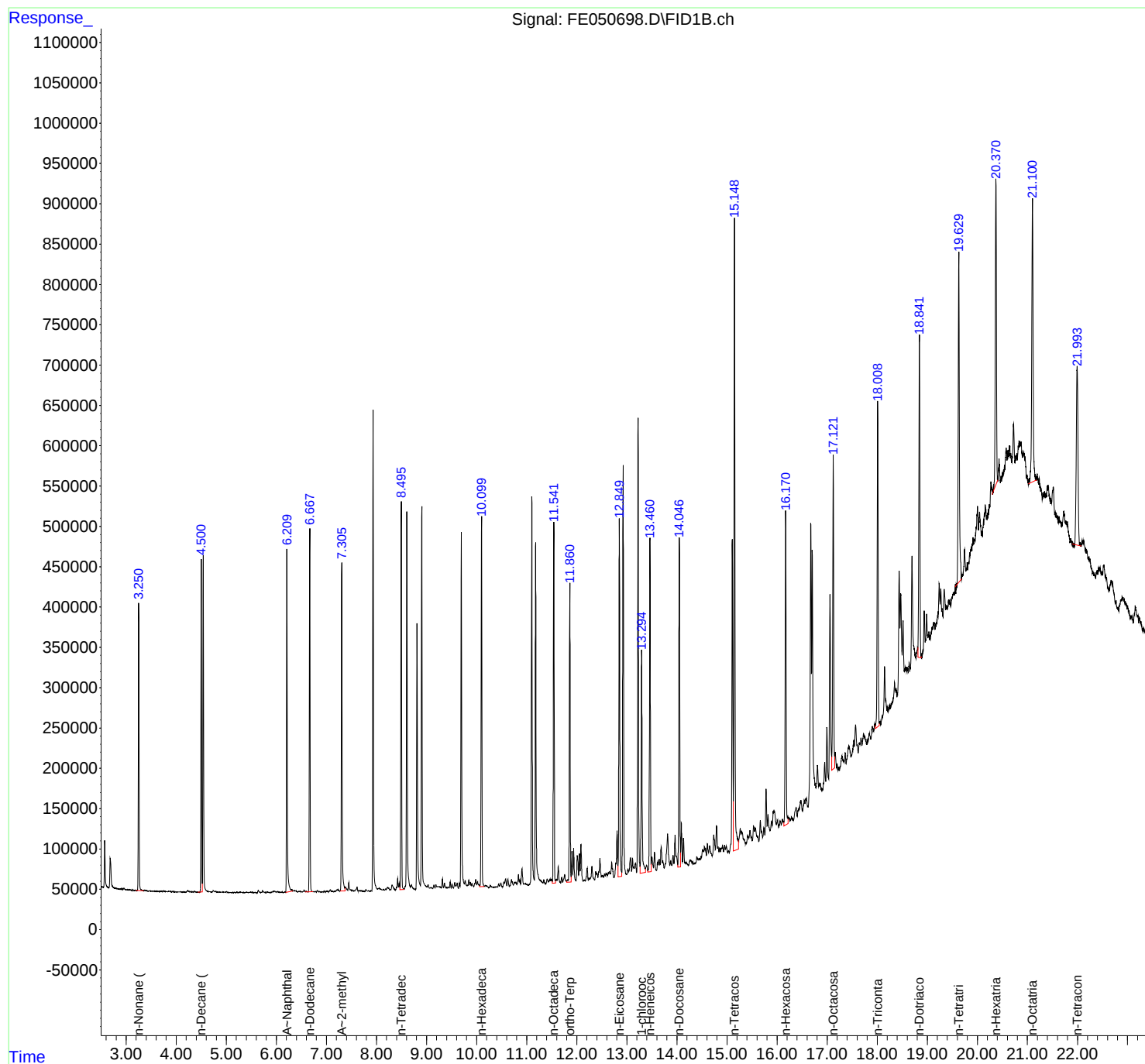
Instrument :
FID_E
ClientSampleId :
OK-02-101524MSD

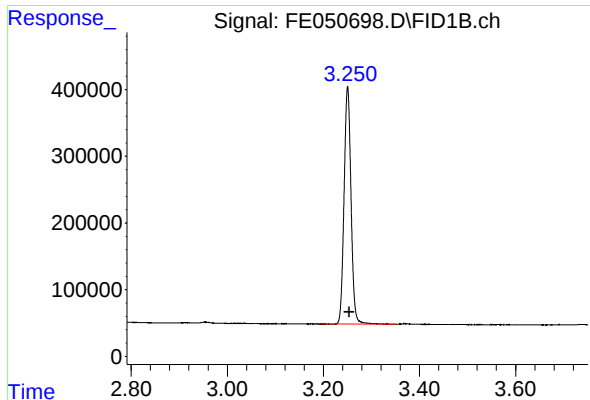
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :Ankita Jodhani 10/17/2024

Integration File: autoint1.e
Quant Time: Oct 17 02:57:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.
Quant Title : GC Extractables
QLast Update : Mon Oct 07 16:32:18 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.: 3.251 min
Delta R.T.: -0.003 min
Response: 3575082
Conc: 25.30 ug/ml

Instrument :

FID_E

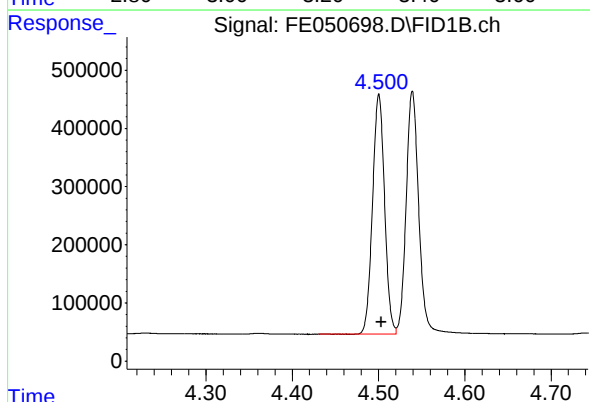
ClientSampleId :

OK-02-101524MSD

Manual Integrations

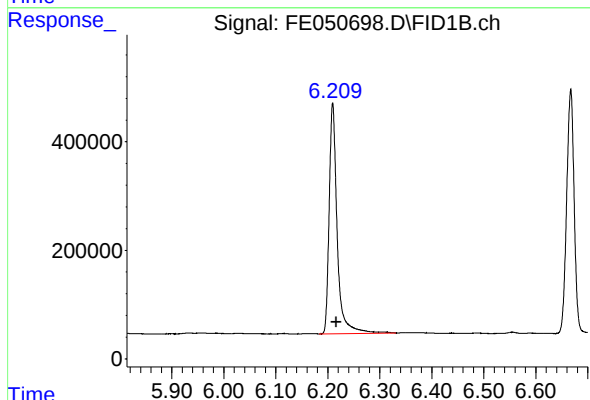
APPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :Ankita Jodhani 10/17/2024



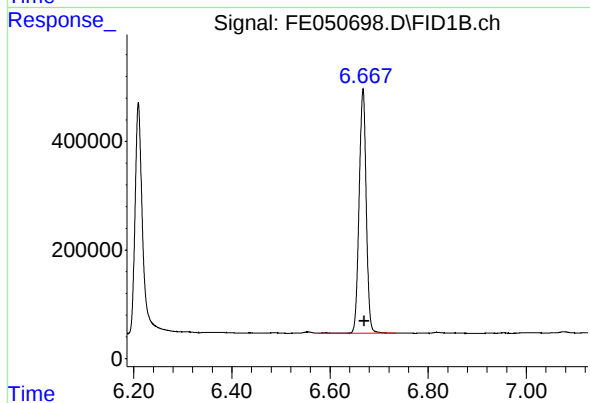
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.002 min
Response: 3993781
Conc: 27.84 ug/ml



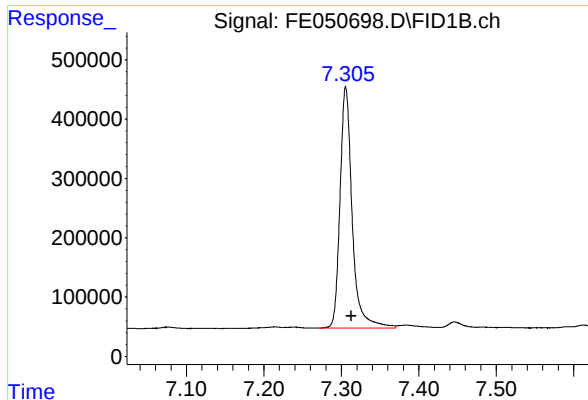
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.007 min
Response: 4551867
Conc: 31.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 4514257
Conc: 31.36 ug/ml



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

R.T.: 7.306 min
Delta R.T.: -0.007 min
Response: 4442781
Conc: 33.54 ug/ml

Instrument :

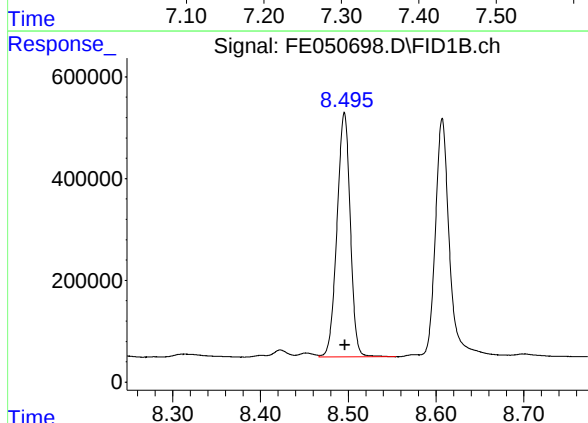
FID_E

ClientSampleId :

OK-02-101524MSD

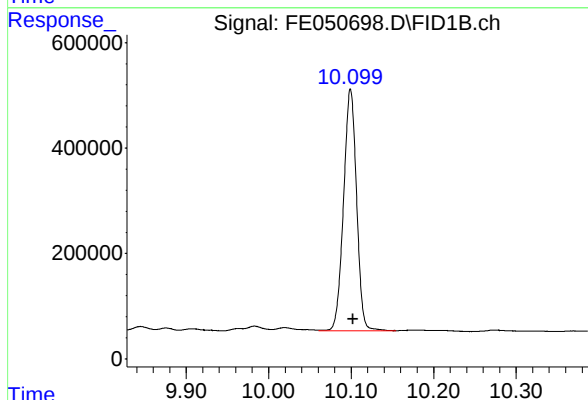
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :Ankita Jodhani 10/17/2024



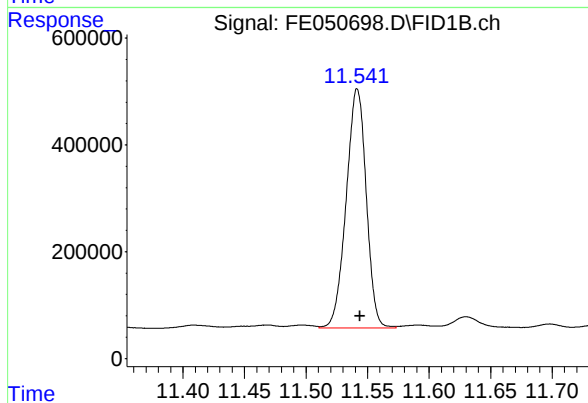
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.001 min
Response: 5038041
Conc: 35.21 ug/ml



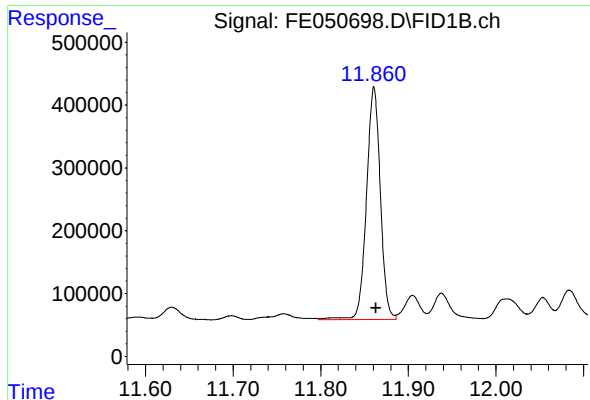
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.003 min
Response: 5030216
Conc: 34.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: -0.002 min
Response: 5074197
Conc: 33.97 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: -0.002 min
Response: 4063434
Conc: 25.77 ug/ml

Instrument :

FID_E

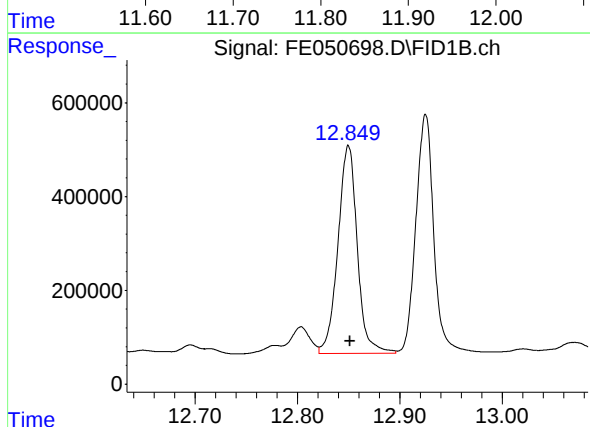
ClientSampleId :

OK-02-101524MSD

Manual Integrations

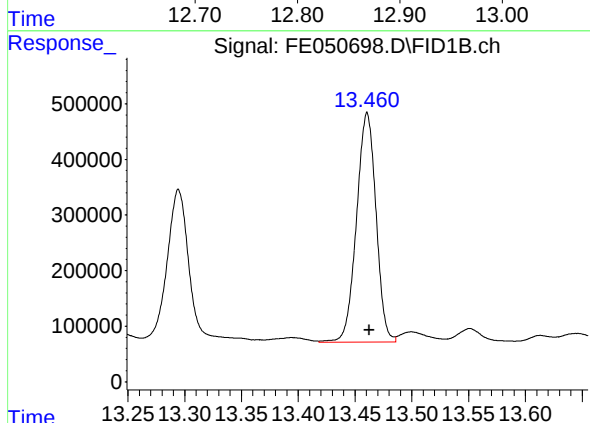
APPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :Ankita Jodhani 10/17/2024



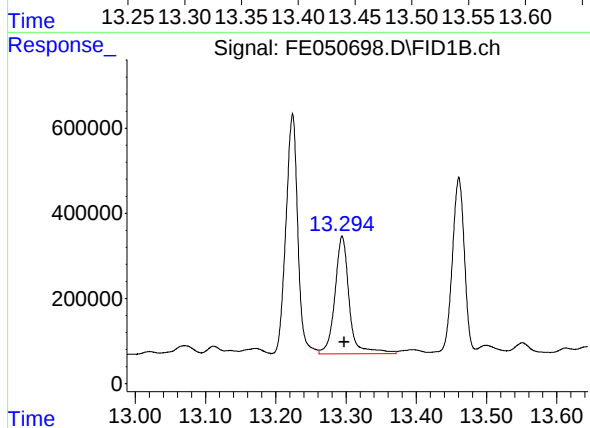
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.002 min
Response: 5824272
Conc: 40.62 ug/ml



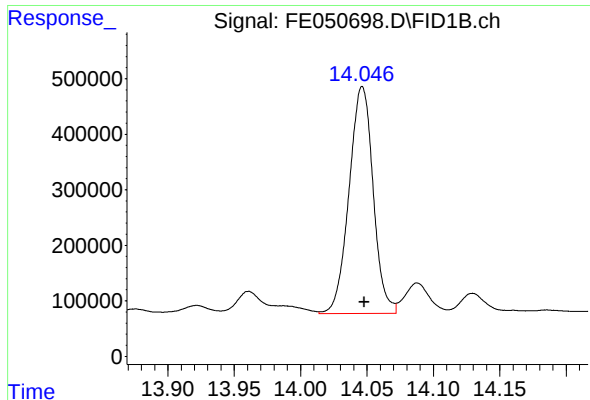
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.002 min
Response: 4930338
Conc: 35.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: -0.003 min
Response: 3909136
Conc: 33.05 ug/ml



#13 n-Docosane (C22)

R.T.: 14.046 min
Delta R.T.: -0.002 min
Response: 5157150
Conc: 36.76 ug/ml

Instrument :

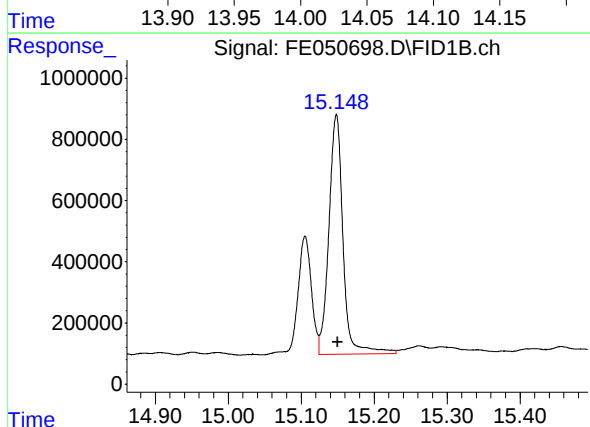
FID_E

ClientSampleId :

OK-02-101524MSD

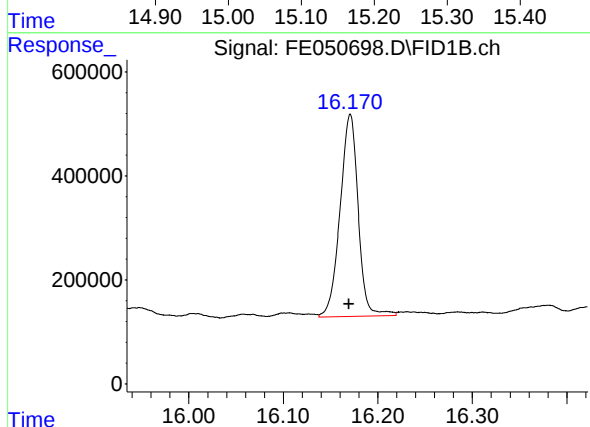
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :Ankita Jodhani 10/17/2024



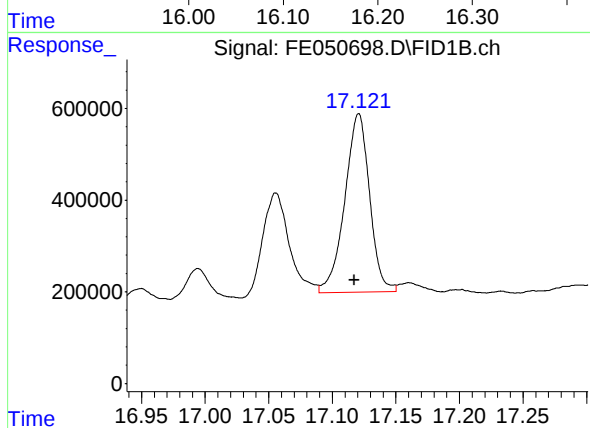
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.002 min
Response: 10548700
Conc: 74.67 ug/ml



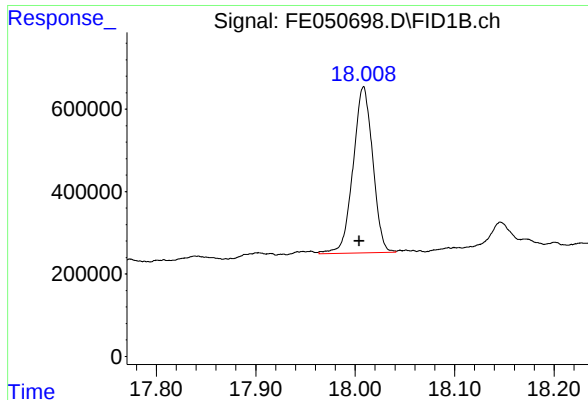
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: 0.001 min
Response: 5173587
Conc: 36.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.121 min
Delta R.T.: 0.003 min
Response: 5300497
Conc: 36.22 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: 0.004 min
Response: 5521238
Conc: 34.72 ug/ml

Instrument :

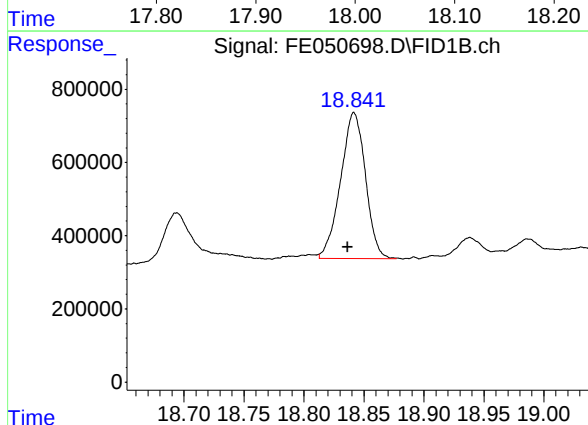
FID_E

ClientSampleId :

OK-02-101524MSD

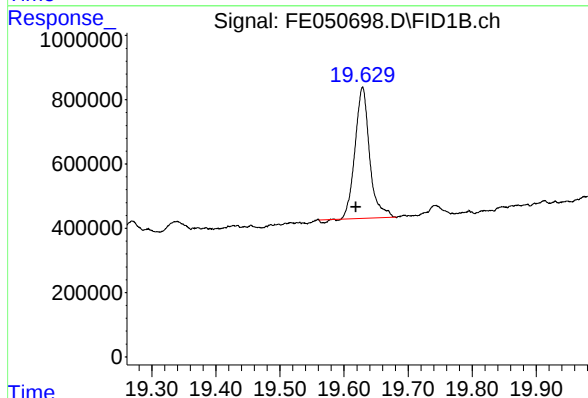
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :Ankita Jodhani 10/17/2024



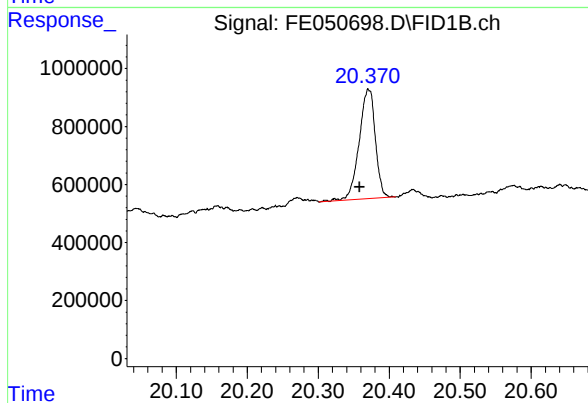
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: 0.005 min
Response: 5758551
Conc: 35.52 ug/ml



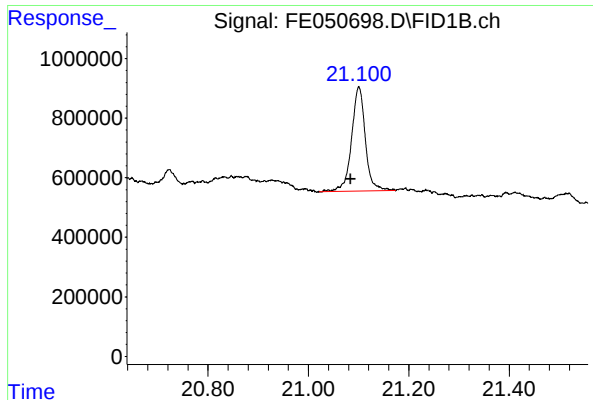
#19 n-Tetratriacontane (C34)

R.T.: 19.629 min
Delta R.T.: 0.010 min
Response: 6433078
Conc: 43.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: 0.012 min
Response: 5999019
Conc: 47.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.016 min
Response: 6670550
Conc: 53.95 ug/ml

Instrument :

FID_E

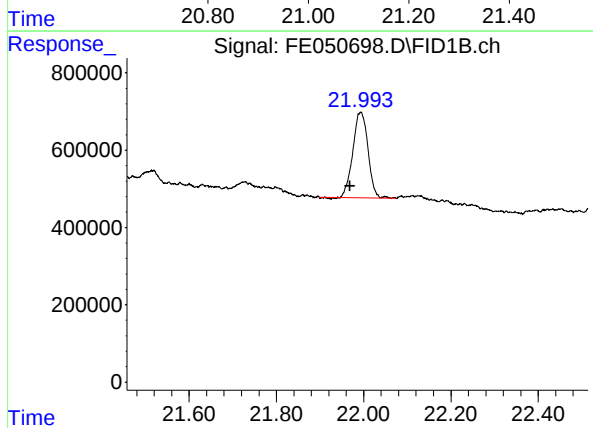
ClientSampleId :

OK-02-101524MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :Ankita Jodhani 10/17/2024



#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: 0.024 min
Response: 5343601
Conc: 47.99 ug/ml