

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121123AL\
 Data File : FF013833.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2023 21:38
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2023
 Supervised By :Ankita Jodhani 12/12/2023

Integration File: autoint1.e
 Quant Time: Dec 12 06:35:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121123.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 06:35:51 2023
 Response via : Initial Calibration
 Integrator: ChemStation

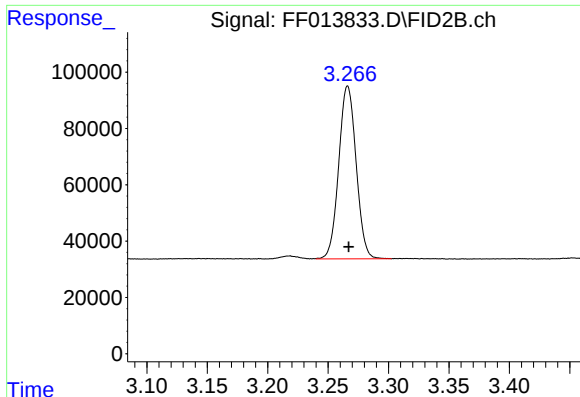
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.870	748300	5.078 ug/ml
Spiked Amount 50.000		Recovery =	10.16%
12) S 1-chlorooctadecane (S...	13.311	519401	4.879 ug/ml
Spiked Amount 50.000		Recovery =	9.76%
Target Compounds			
1) T n-Nonane (C9)	3.266	614877	5.101 ug/ml
2) T n-Decane (C10)	4.516	617260	5.072 ug/ml
3) T A~Naphthalene (C11.7)	6.214	630810	4.873 ug/ml
4) T n-Dodecane (C12)	6.680	618606	5.044 ug/ml
5) T A~2-methylnaphthalene...	7.308	593609	4.729 ug/ml
6) T n-Tetradecane (C14)	8.507	597256	4.967 ug/ml
7) T n-Hexadecane (C16)	10.113	611432	4.999 ug/ml
8) T n-Octadecane (C18)	11.556	615835	5.004 ug/ml
10) T n-Eicosane (C20)	12.867	598349	4.999 ug/ml
11) T n-Heneicosane (C21)	13.479	591295	5.013 ug/ml
13) T n-Docosane (C22)	14.065	586617	5.031 ug/mlm
14) T n-Tetracosane (C24)	15.170	578288	5.054 ug/ml
15) T n-Hexacosane (C26)	16.192	575221	5.137 ug/ml
16) T n-Octacosane (C28)	17.143	578773	5.273 ug/ml
17) T n-Tricontane (C30)	18.031	597923	5.382 ug/ml
18) T n-Dotriacontane (C32)	18.864	603333	5.426 ug/ml
19) T n-Tetratriacontane (C34)	19.648	567733	5.271 ug/ml
20) T n-Hexatriacontane (C36)	20.388	561791	5.055 ug/ml
21) T n-Octatriacontane (C38)	21.118	567782	5.193 ug/ml
22) T n-Tetracontane (C40)	22.009	587062	5.184 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



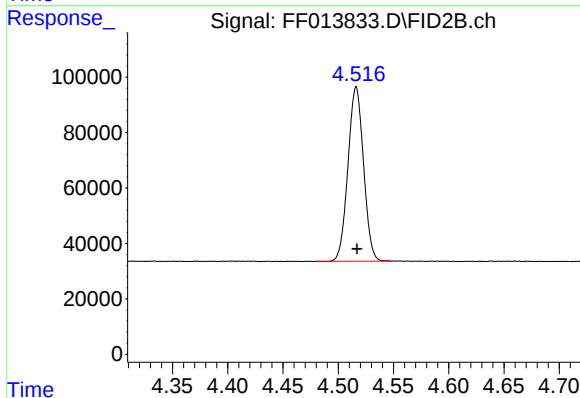
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 614877
Conc: 5.10 ug/ml

Instrument : FID_F
ClientSampleId : 5 PPM ALIPHATIC HC STD5

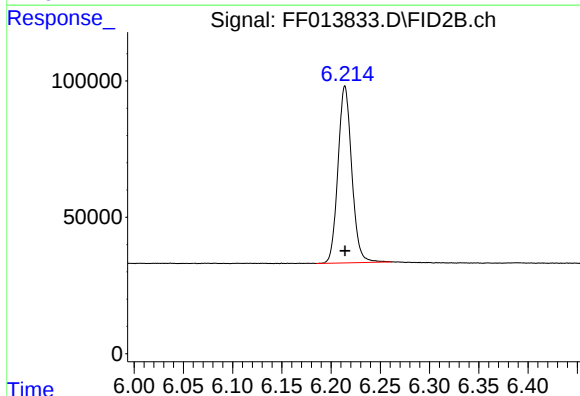
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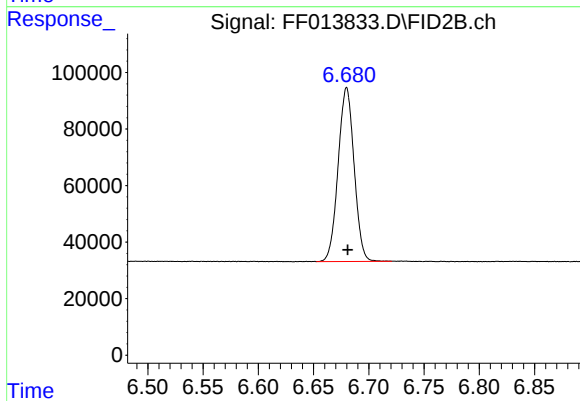
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 617260
Conc: 5.07 ug/ml



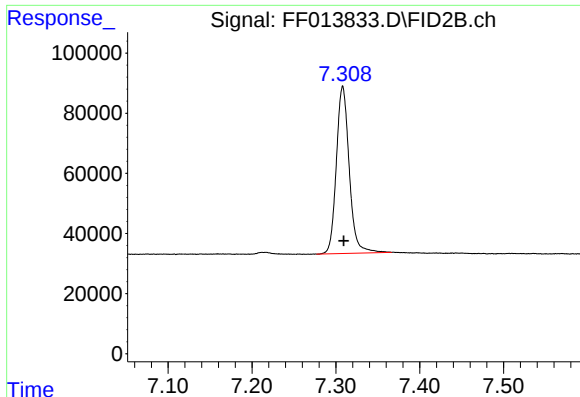
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 630810
Conc: 4.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 618606
Conc: 5.04 ug/ml



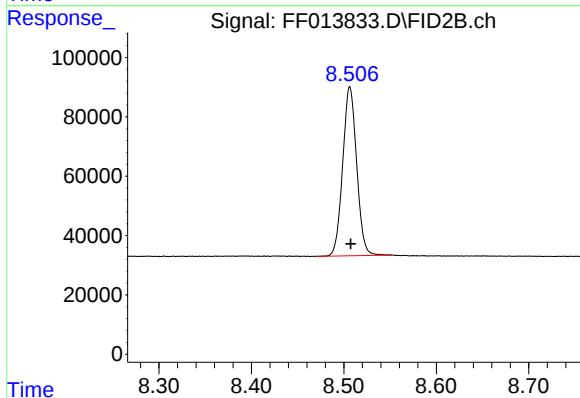
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.308 min
Delta R.T.: -0.001 min
Response: 593609
Conc: 4.73 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

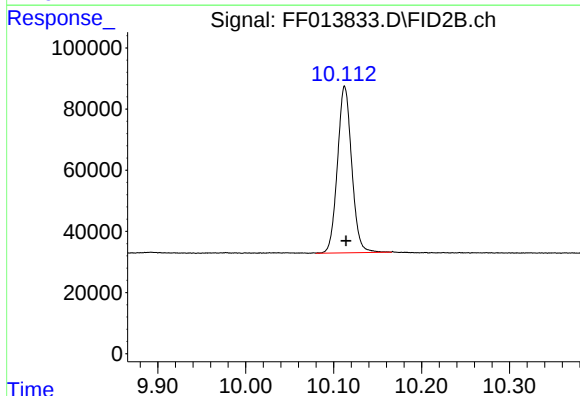
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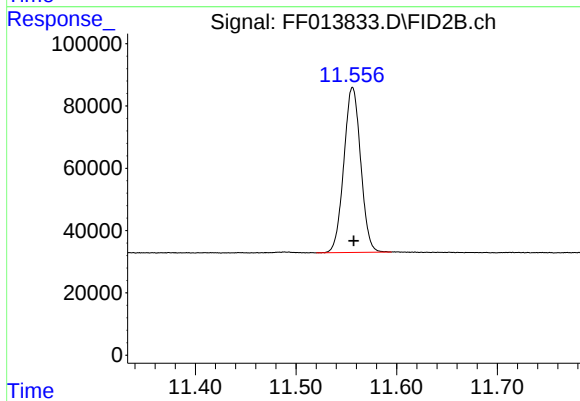
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 597256
Conc: 4.97 ug/ml



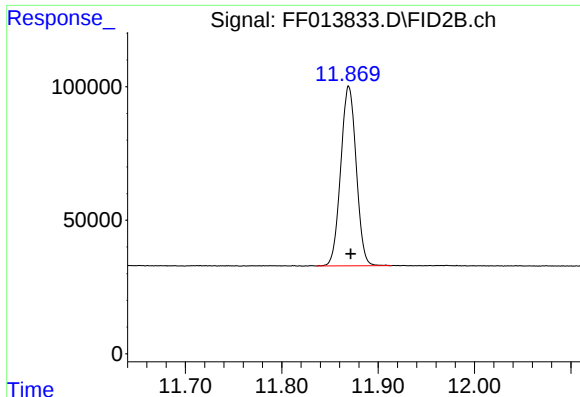
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.001 min
Response: 611432
Conc: 5.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.001 min
Response: 615835
Conc: 5.00 ug/ml



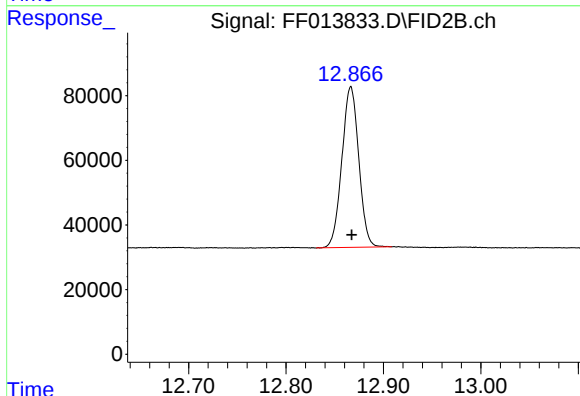
#9 ortho-Terphenyl (SURR)

R.T.: 11.870 min
Delta R.T.: -0.002 min
Response: 748300
Conc: 5.08 ug/ml

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5 PPM ALIPHATIC HC STD5

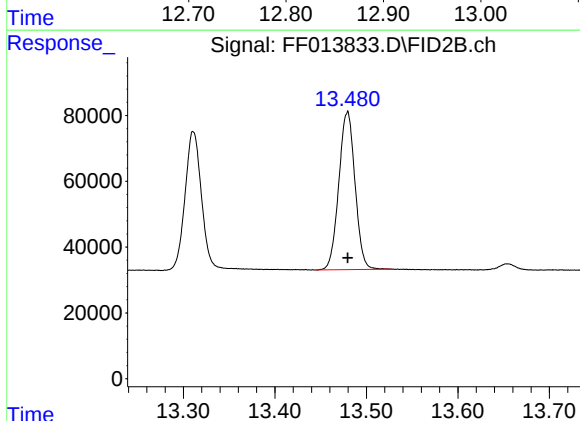
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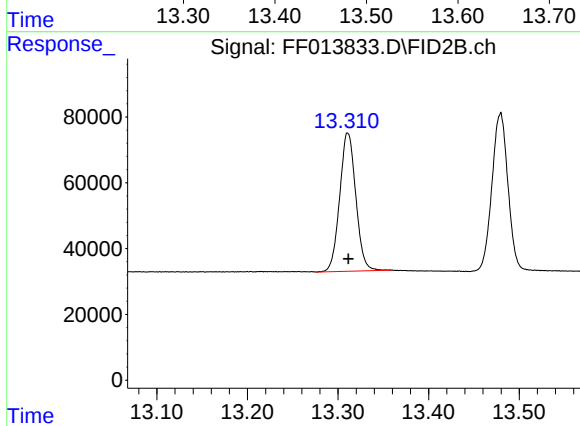
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 598349
Conc: 5.00 ug/ml



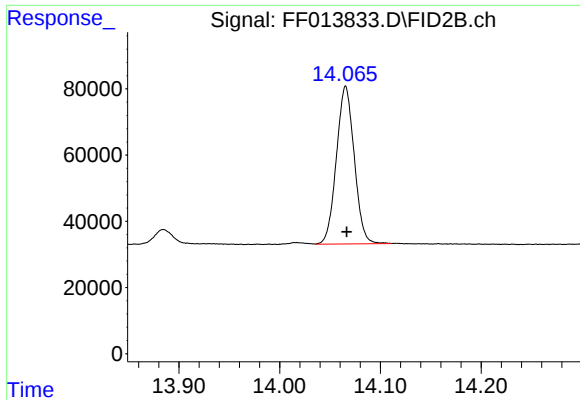
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.000 min
Response: 591295
Conc: 5.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 519401
Conc: 4.88 ug/ml



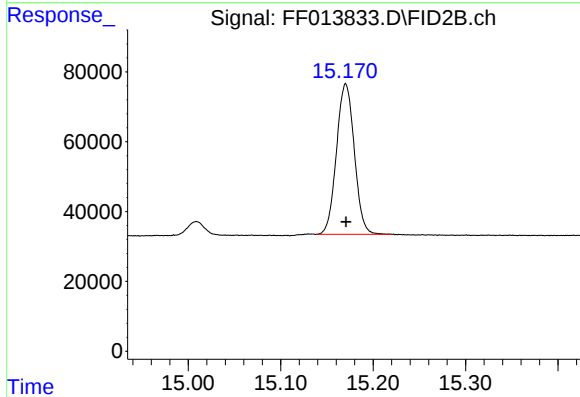
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.002 min
Response: 586617
Conc: 5.03 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

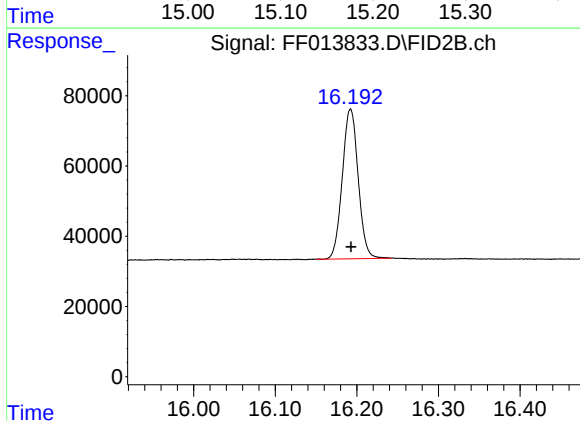
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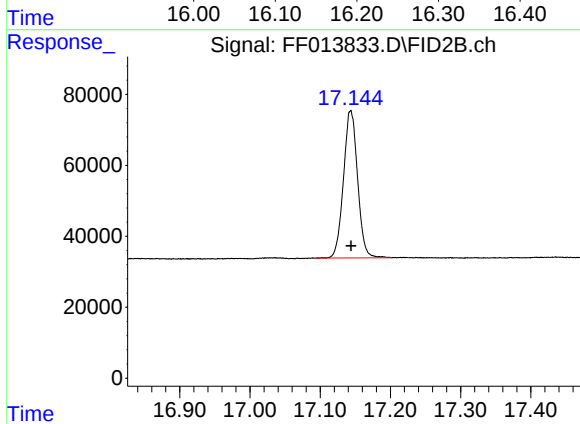
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: 0.000 min
Response: 578288
Conc: 5.05 ug/ml



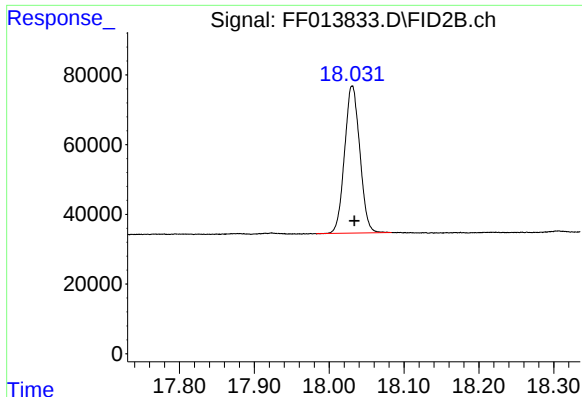
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: 0.000 min
Response: 575221
Conc: 5.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: 0.000 min
Response: 578773
Conc: 5.27 ug/ml



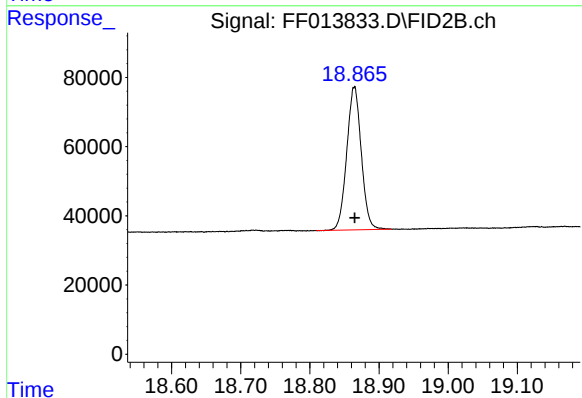
#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: -0.003 min
Response: 597923
Conc: 5.38 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

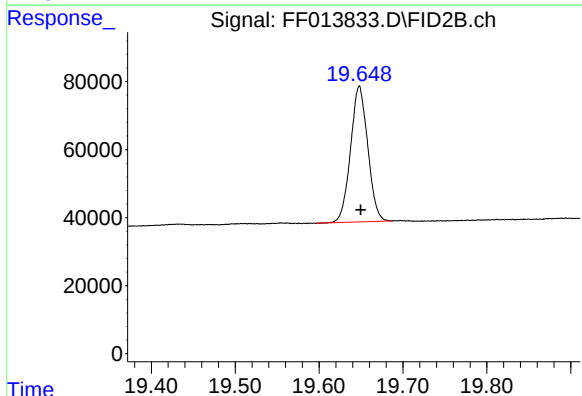
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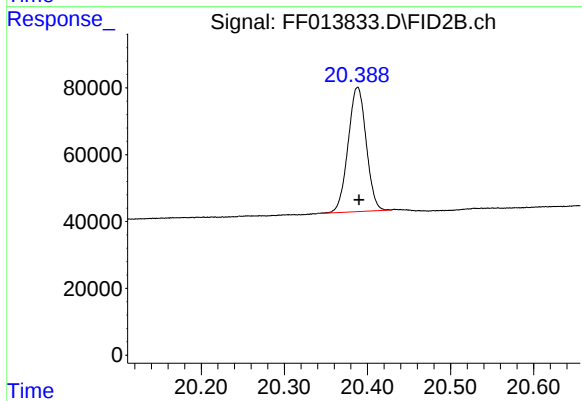
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: 0.000 min
Response: 603333
Conc: 5.43 ug/ml



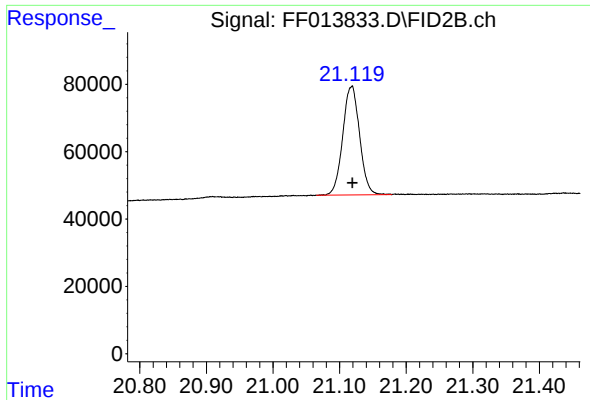
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: -0.002 min
Response: 567733
Conc: 5.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: -0.002 min
Response: 561791
Conc: 5.05 ug/ml



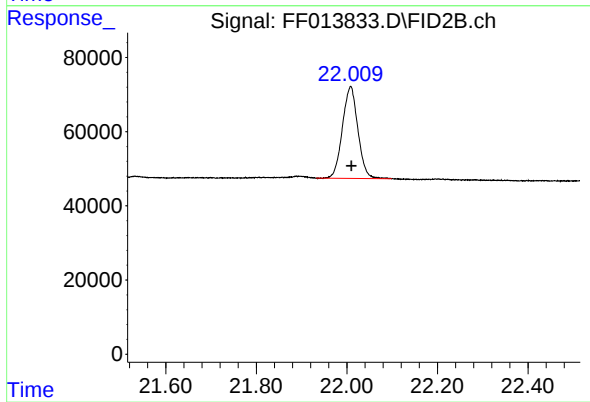
#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: 0.000 min
Response: 567782
Conc: 5.19 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

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#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: -0.002 min
Response: 587062
Conc: 5.18 ug/ml