

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AL\
 Data File : FD044316.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 02:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 29 06:27:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

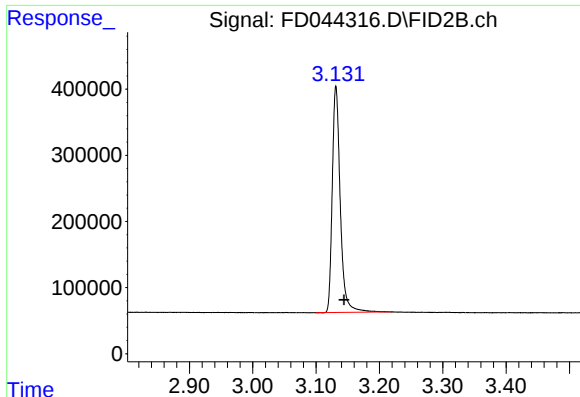
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.293	3517294	22.345 ug/ml
Spiked Amount 50.000		Recovery =	44.69%
12) S 1-chlorooctadecane (S...	12.708	2746550	21.839 ug/ml
Spiked Amount 50.000		Recovery =	43.68%
Target Compounds			
1) T n-Nonane (C9)	3.131	3012846	22.313 ug/ml
2) T n-Decane (C10)	4.179	3075153	22.889 ug/ml
3) T A~Naphthalene (C11.7)	5.753	2966584	22.203 ug/mlm
4) T n-Dodecane (C12)	6.175	3156138	22.713 ug/ml
5) T A~2-methylnaphthalene...	6.800	2945693	22.654 ug/mlm
6) T n-Tetradecane (C14)	7.954	3209432	23.053 ug/ml
7) T n-Hexadecane (C16)	9.541	3259511	23.109 ug/ml
8) T n-Octadecane (C18)	10.970	3339198	22.964 ug/ml
10) T n-Eicosane (C20)	12.267	3357994	22.645 ug/ml
11) T n-Heneicosane (C21)	12.873	3336388	22.238 ug/ml
13) T n-Docosane (C22)	13.454	3506723	23.324 ug/ml
14) T n-Tetracosane (C24)	14.545	3481272	23.065 ug/ml
15) T n-Hexacosane (C26)	15.555	3385757	22.361 ug/ml
16) T n-Octacosane (C28)	16.494	3361393	22.311 ug/ml
17) T n-Tricontane (C30)	17.372	3461710	22.585 ug/ml
18) T n-Dotriacontane (C32)	18.195	3417382	22.284 ug/ml
19) T n-Tetratriacontane (C34)	18.967	3113461	21.149 ug/ml
20) T n-Hexatriacontane (C36)	19.698	2940268	20.054 ug/ml
21) T n-Octatriacontane (C38)	20.390	2792142	20.014 ug/ml
22) T n-Tetracontane (C40)	21.145	2628849	20.213 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



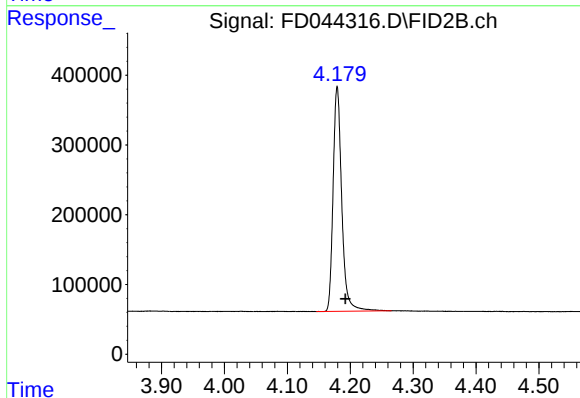
#1 n-Nonane (C9)

R.T.: 3.131 min
Delta R.T.: -0.013 min
Response: 3012846
Conc: 22.31 ug/ml

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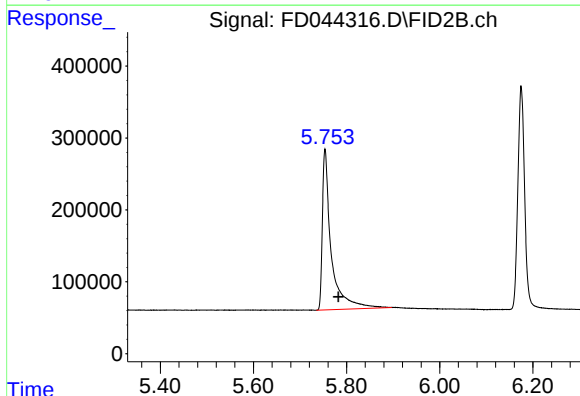
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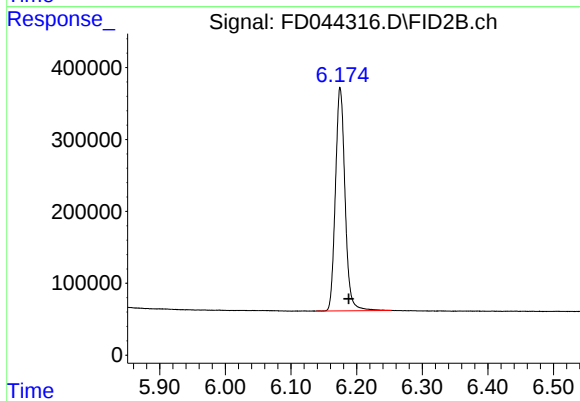
#2 n-Decane (C10)

R.T.: 4.179 min
Delta R.T.: -0.013 min
Response: 3075153
Conc: 22.89 ug/ml



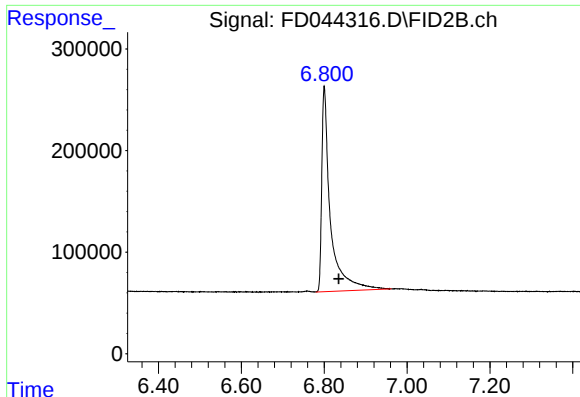
#3 A~Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.029 min
Response: 2966584
Conc: 22.20 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.175 min
Delta R.T.: -0.013 min
Response: 3156138
Conc: 22.71 ug/ml



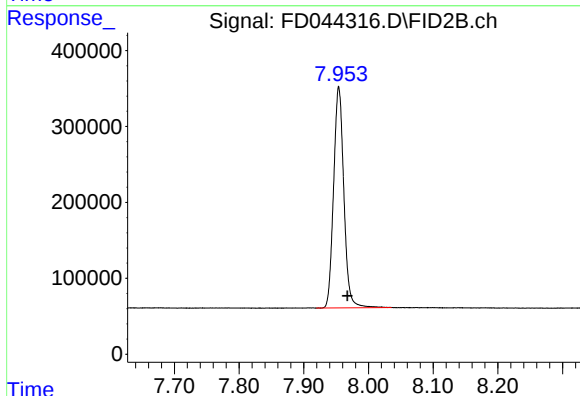
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.035 min
Response: 2945693
Conc: 22.65 ug/ml

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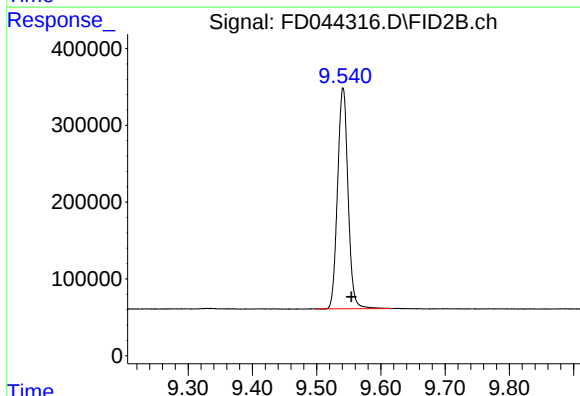
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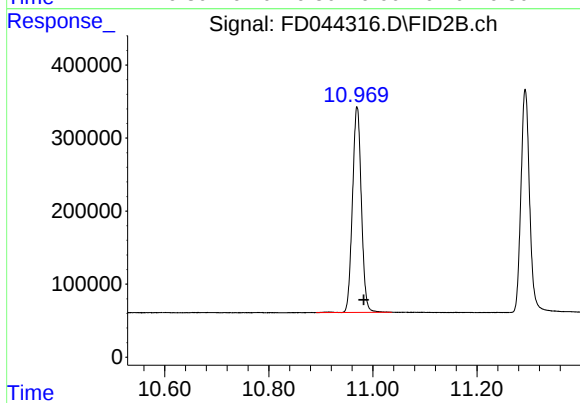
#6 n-Tetradecane (C14)

R.T.: 7.954 min
Delta R.T.: -0.014 min
Response: 3209432
Conc: 23.05 ug/ml



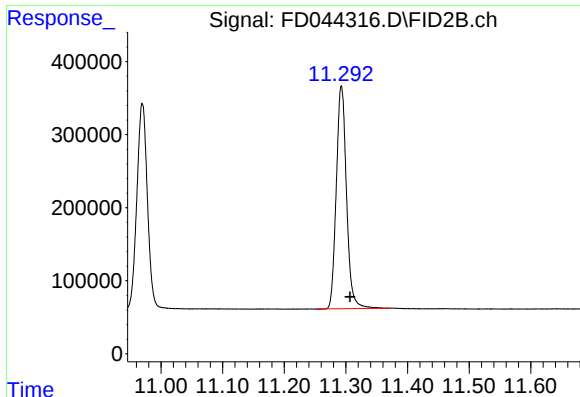
#7 n-Hexadecane (C16)

R.T.: 9.541 min
Delta R.T.: -0.013 min
Response: 3259511
Conc: 23.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.970 min
Delta R.T.: -0.013 min
Response: 3339198
Conc: 22.96 ug/ml



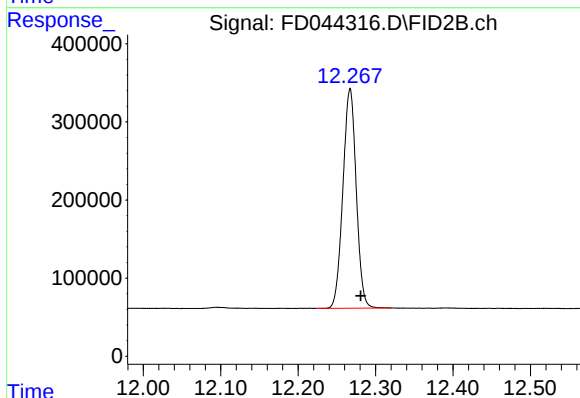
#9 ortho-Terphenyl (SURR)

R.T.: 11.293 min
Delta R.T.: -0.014 min
Response: 3517294
Conc: 22.35 ug/ml

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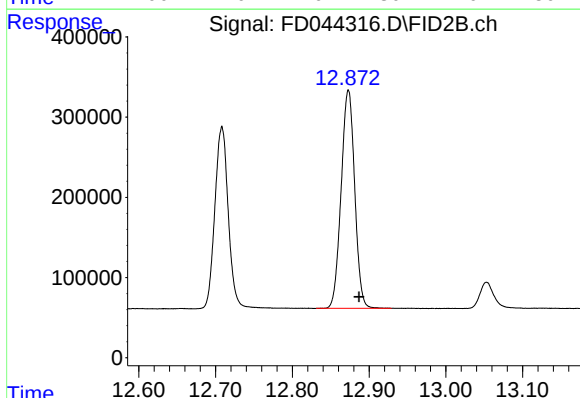
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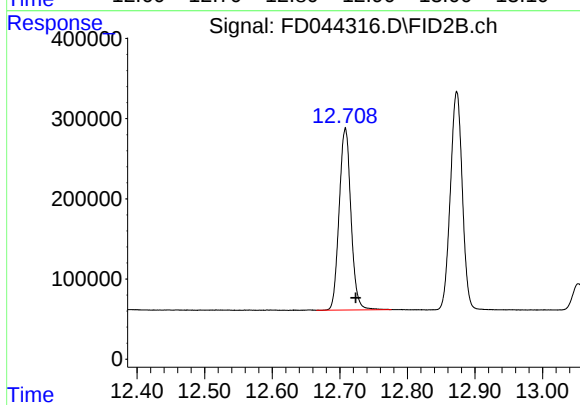
#10 n-Eicosane (C20)

R.T.: 12.267 min
Delta R.T.: -0.014 min
Response: 3357994
Conc: 22.65 ug/ml



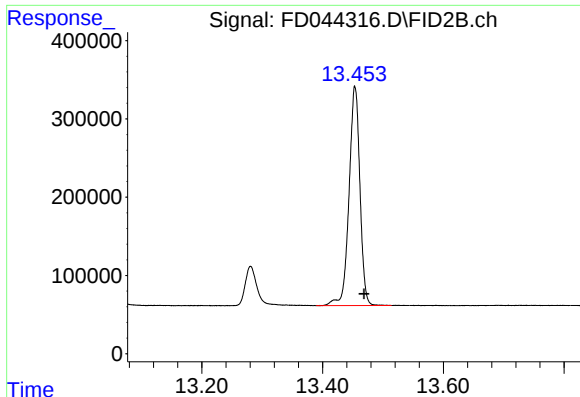
#11 n-Heneicosane (C21)

R.T.: 12.873 min
Delta R.T.: -0.014 min
Response: 3336388
Conc: 22.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.708 min
Delta R.T.: -0.015 min
Response: 2746550
Conc: 21.84 ug/ml



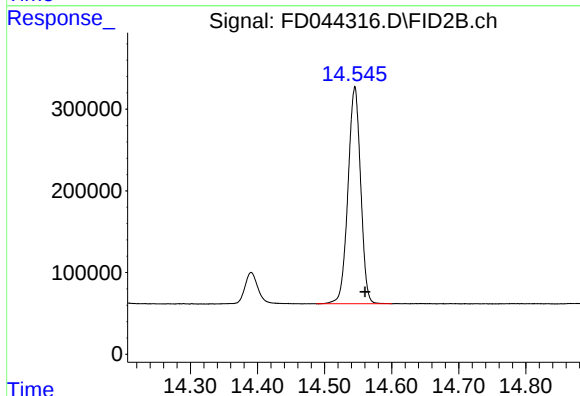
#13 n-Docosane (C22)

R.T.: 13.454 min
Delta R.T.: -0.015 min
Response: 3506723
Conc: 23.32 ug/ml

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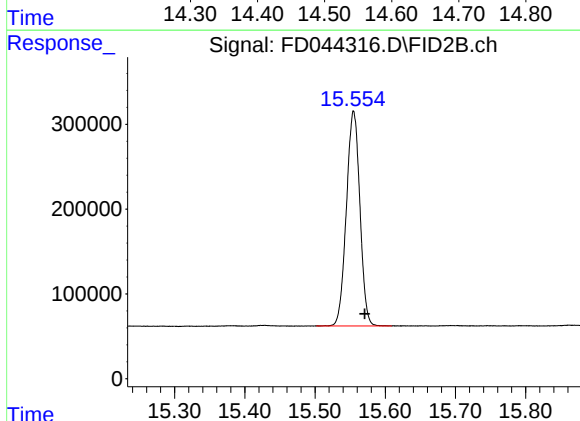
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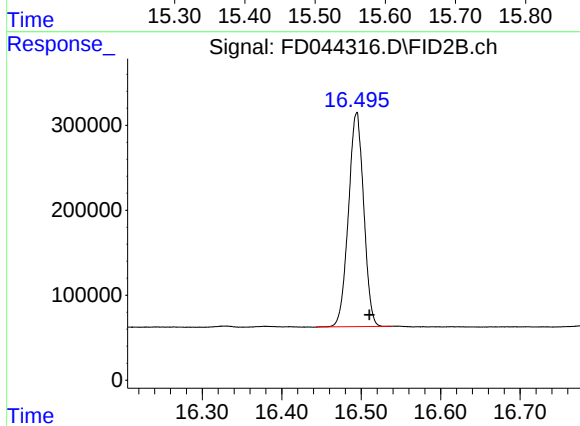
#14 n-Tetracosane (C24)

R.T.: 14.545 min
Delta R.T.: -0.015 min
Response: 3481272
Conc: 23.06 ug/ml



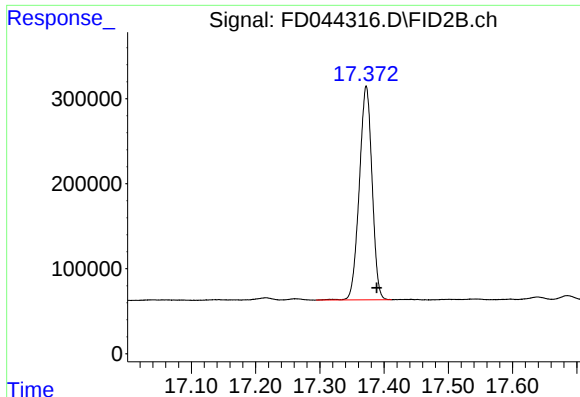
#15 n-Hexacosane (C26)

R.T.: 15.555 min
Delta R.T.: -0.016 min
Response: 3385757
Conc: 22.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.494 min
Delta R.T.: -0.016 min
Response: 3361393
Conc: 22.31 ug/ml



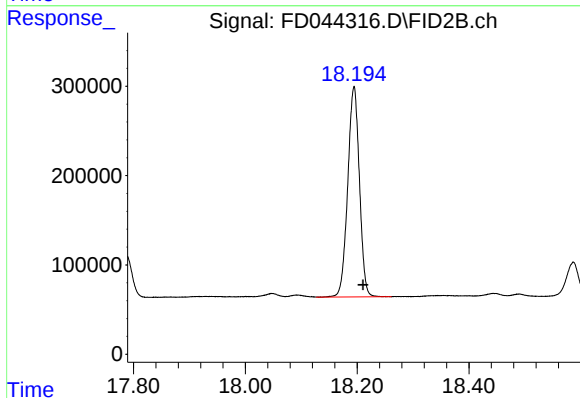
#17 n-Tricontane (C30)

R.T.: 17.372 min
Delta R.T.: -0.016 min
Response: 3461710
Conc: 22.59 ug/ml

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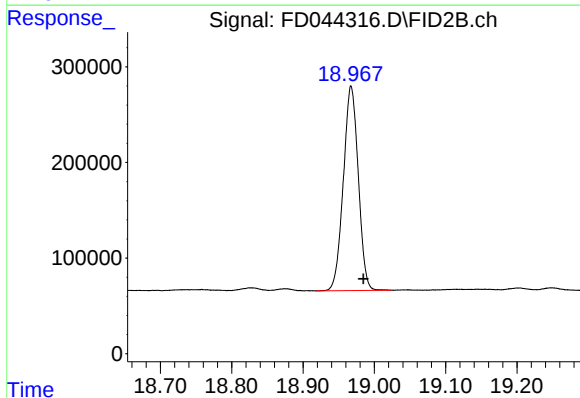
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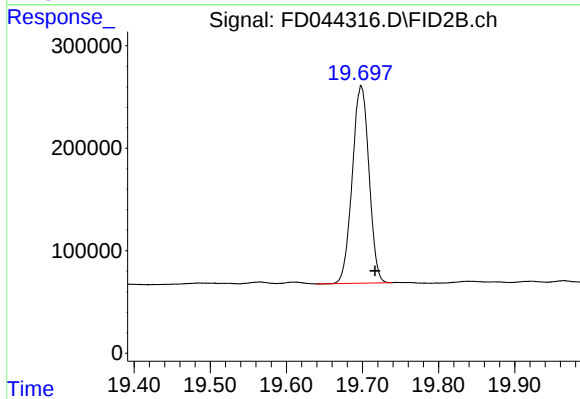
#18 n-Dotriacontane (C32)

R.T.: 18.195 min
Delta R.T.: -0.016 min
Response: 3417382
Conc: 22.28 ug/ml



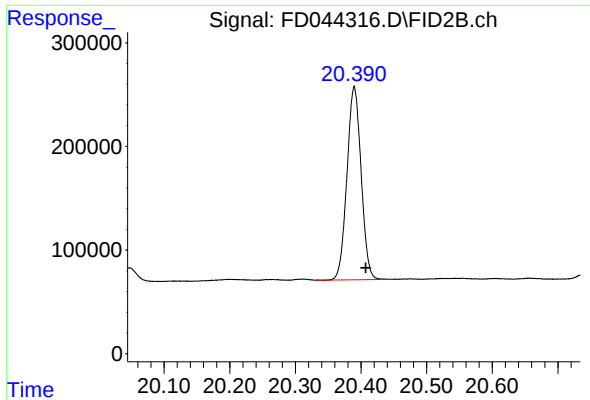
#19 n-Tetratriacontane (C34)

R.T.: 18.967 min
Delta R.T.: -0.017 min
Response: 3113461
Conc: 21.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.698 min
Delta R.T.: -0.018 min
Response: 2940268
Conc: 20.05 ug/ml



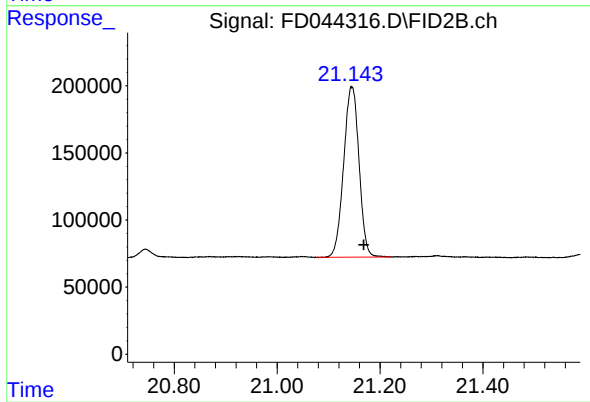
#21 n-Octatriacontane (C38)

R.T.: 20.390 min
Delta R.T.: -0.018 min
Response: 2792142
Conc: 20.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.145 min
Delta R.T.: -0.023 min
Response: 2628849
Conc: 20.21 ug/ml