

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051925AL\
 Data File : FE053904.D
 Signal(s) : FID1B.ch
 Acq On : 19 May 2025 20:30
 Operator : YP\AJ
 Sample : Q2068-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-25-0075

Integration File: autoint1.e
 Quant Time: May 20 01:27:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 2025
 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)	11.866	92804743	571.064 ug/ml
Spiked Amount 50.000		Recovery	= 1142.13%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.131	144745	1.007 ug/ml
4) T n-Dodecane (C12)	6.643	489863	3.591 ug/ml
5) T A~2-methylnaphthalene...	7.282	1160432	8.366 ug/ml
6) T n-Tetradecane (C14)	8.469	1175146	8.708 ug/ml
8) T n-Octadecane (C18)	11.493	15389798	114.286 ug/ml
10) T n-Eicosane (C20)	12.860	76629814	583.052 ug/ml
13) T n-Docosane (C22)	14.021	191467112	1500.809 ug/ml
14) T n-Tetracosane (C24)	15.145	2580256	20.623 ug/ml
15) T n-Hexacosane (C26)	16.195	428251	3.497 ug/ml
17) T n-Tricontane (C30)	17.992	559038	4.488 ug/ml
18) T n-Dotriacontane (C32)	18.835	385936	3.086 ug/ml
19) T n-Tetratriacontane (C34)	19.697f	3784555	31.771 ug/ml
20) T n-Hexatriacontane (C36)	20.408	433774	3.746 ug/ml
21) T n-Octatriacontane (C38)	21.099	1714753	15.757 ug/ml
22) T n-Tetracontane (C40)	22.039	851219	8.578 ug/ml

(f)=RT Delta > 1/2 Window

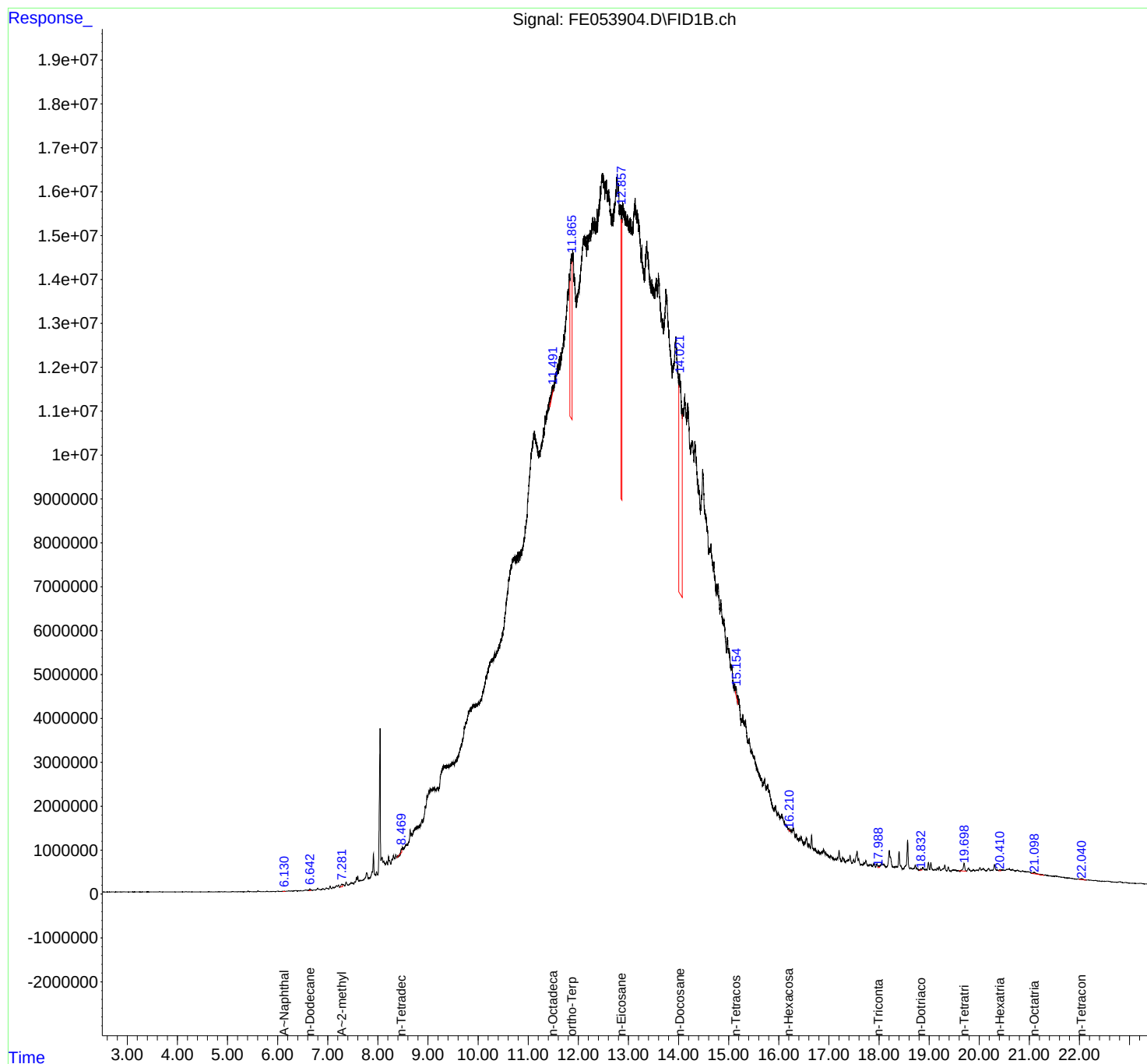
(m)=manual int.

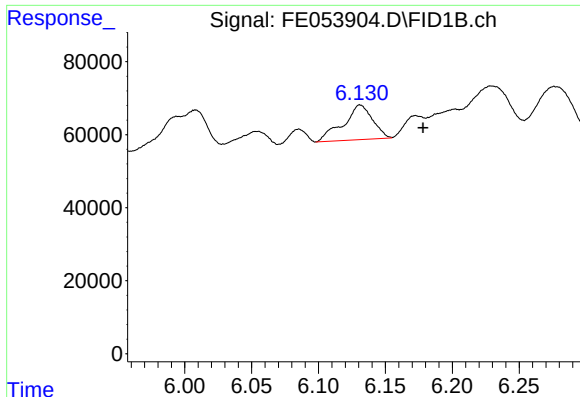
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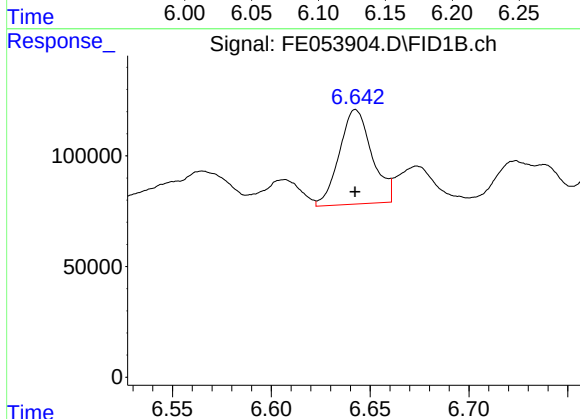




#3 A~Naphthalene (C11.7)

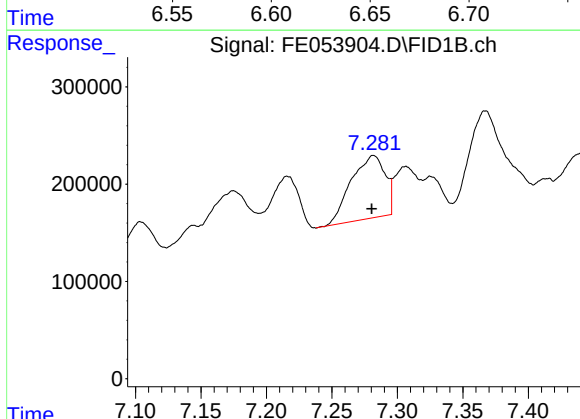
R.T.: 6.131 min
Delta R.T.: -0.047 min
Response: 144745
Conc: 1.01 ug/ml

Instrument :
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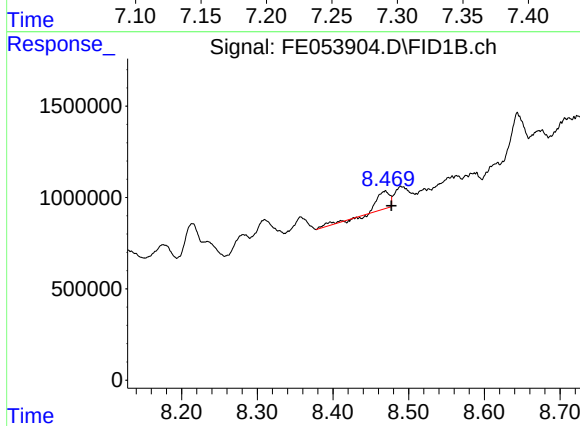
#4 n-Dodecane (C12)

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 489863
Conc: 3.59 ug/ml



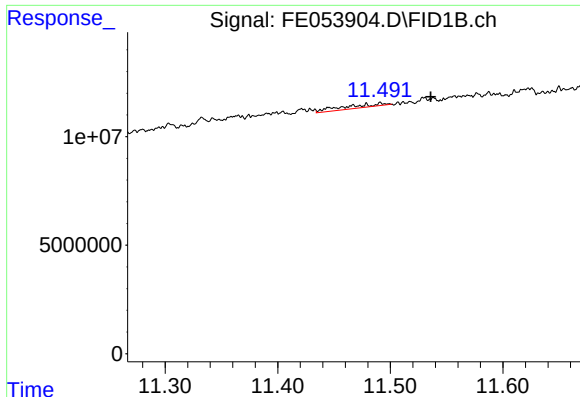
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.282 min
Delta R.T.: 0.001 min
Response: 1160432
Conc: 8.37 ug/ml



#6 n-Tetradecane (C14)

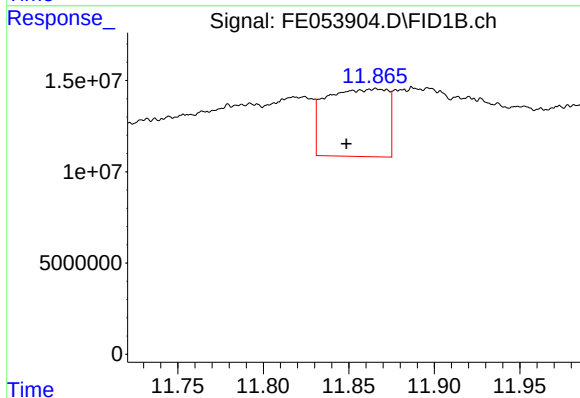
R.T.: 8.469 min
Delta R.T.: -0.009 min
Response: 1175146
Conc: 8.71 ug/ml



#8 n-Octadecane (C18)

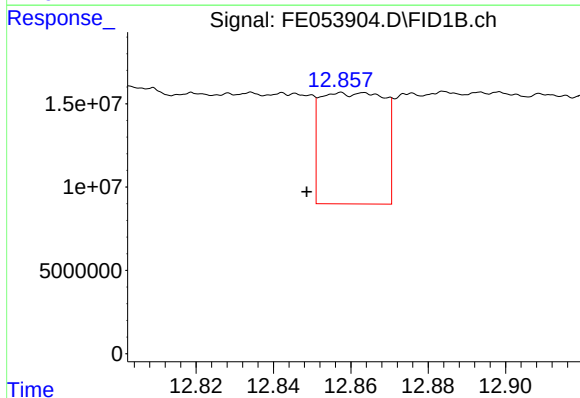
R.T.: 11.493 min
Delta R.T.: -0.043 min
Response: 15389798
Conc: 114.29 ug/ml

Instrument :
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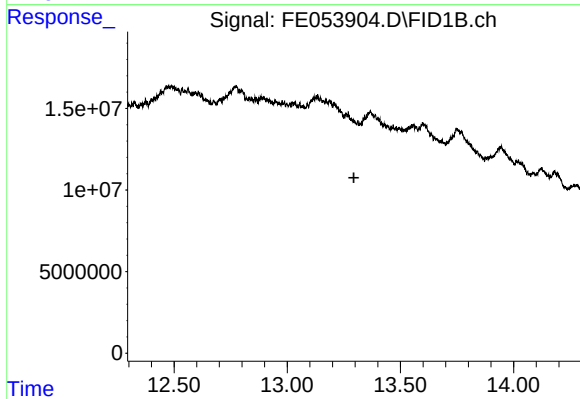
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min
Delta R.T.: 0.017 min
Response: 92804743
Conc: 571.06 ug/ml



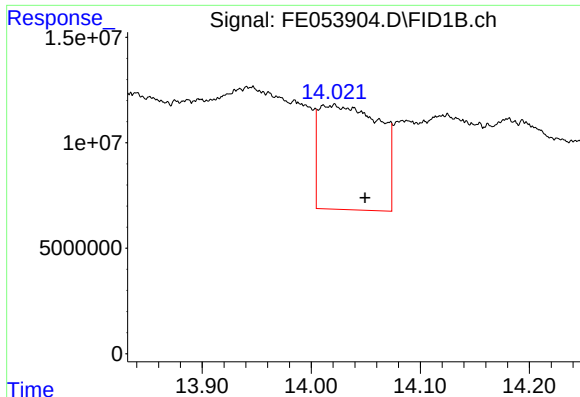
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: 0.011 min
Response: 76629814
Conc: 583.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T. : 13.295 min
Response: 0
Conc: N.D.



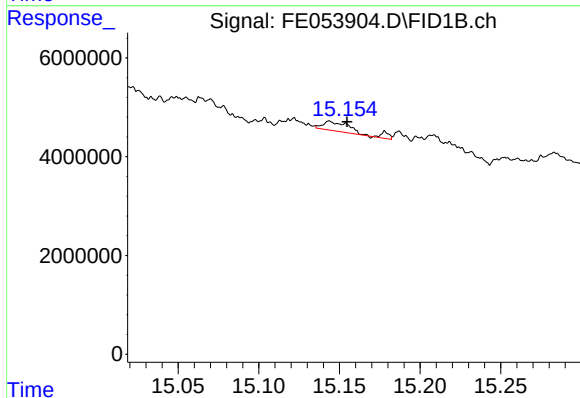
#13 n-Docosane (C22)

R.T.: 14.021 min
Delta R.T.: -0.029 min
Response: 191467112
Conc: 1500.81 ug/ml

Instrument :

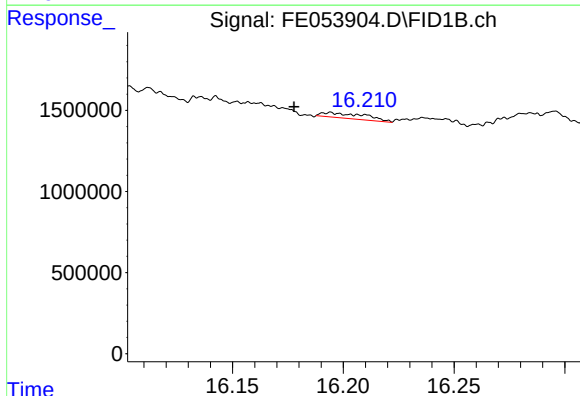
FID_E

ClientSampleId :
LAW-25-0075



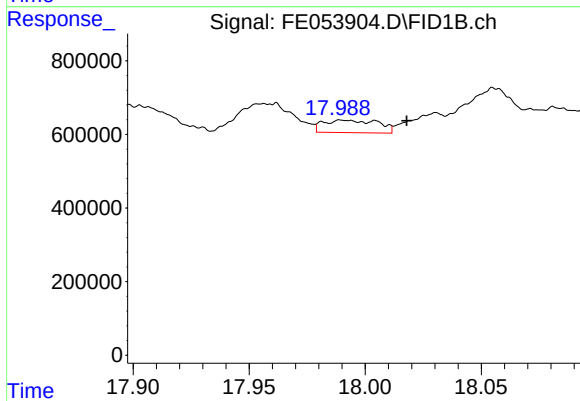
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: -0.010 min
Response: 2580256
Conc: 20.62 ug/ml



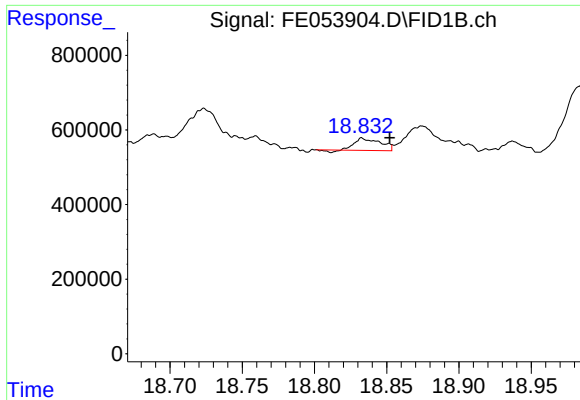
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: 0.017 min
Response: 428251
Conc: 3.50 ug/ml



#17 n-Tricontane (C30)

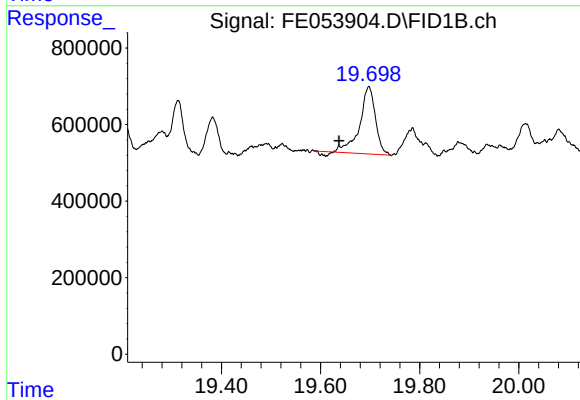
R.T.: 17.992 min
Delta R.T.: -0.026 min
Response: 559038
Conc: 4.49 ug/ml



#18 n-Dotriacontane (C32)

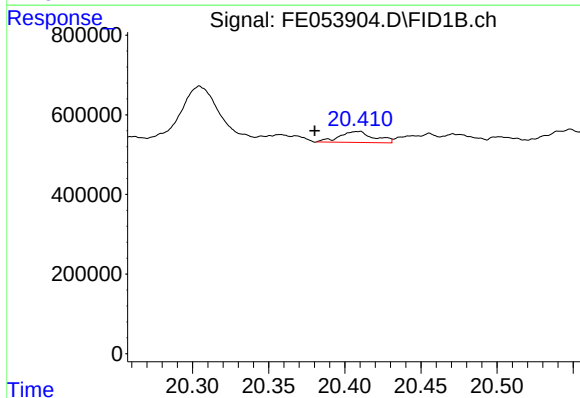
R.T.: 18.835 min
Delta R.T.: -0.018 min
Response: 385936
Conc: 3.09 ug/ml

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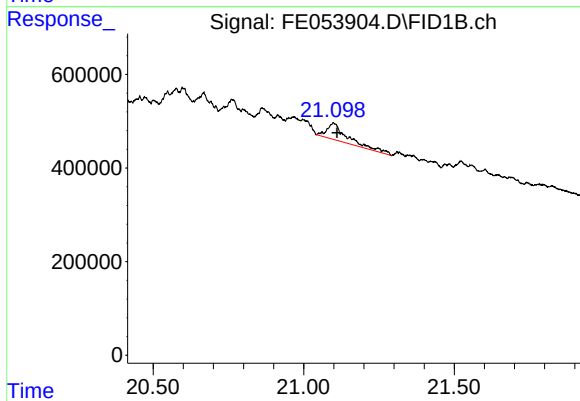
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: 0.059 min
Response: 3784555
Conc: 31.77 ug/ml



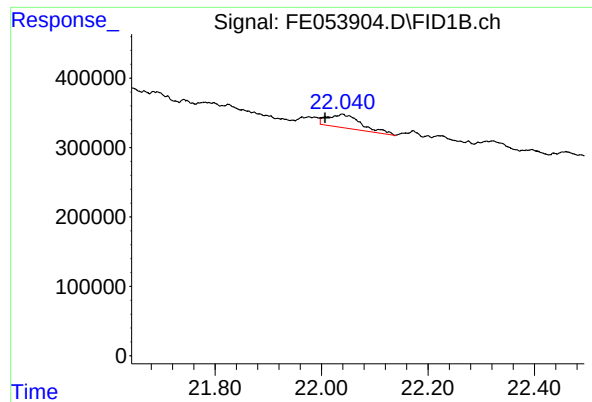
#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: 0.027 min
Response: 433774
Conc: 3.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.012 min
Response: 1714753
Conc: 15.76 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 22.039 min
Delta R.T.: 0.032 min
Response: 851219
Conc: 8.58 ug/ml

Instrument :

FID_E

ClientSampleId :

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