

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052225AL\
 Data File : FE053982.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2025 18:41
 Operator : YP\AJ
 Sample : Q2104-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-06-052125-E2

Integration File: autoint1.e
 Quant Time: May 23 01:31:53 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)	11.844	5316764	32.716 ug/ml
Spiked Amount 50.000		Recovery =	65.43%
12) S 1-chlorooctadecane (S...	13.289	4124354	34.790 ug/ml
Spiked Amount 50.000		Recovery =	69.58%
Target Compounds			
4) T n-Dodecane (C12)	6.635	542743	3.979 ug/ml
5) T A~2-methylnaphthalene...	7.273	512413	3.694 ug/ml
6) T n-Tetradecane (C14)	8.470	1855405	13.749 ug/ml
7) T n-Hexadecane (C16)	10.082	2112350	15.655 ug/ml
8) T n-Octadecane (C18)	11.529	1634354	12.137 ug/ml
10) T n-Eicosane (C20)	12.842	1195979	9.100 ug/ml
11) T n-Heneicosane (C21)	13.456	841265	6.489 ug/ml
13) T n-Docosane (C22)	14.043	644609	5.053 ug/ml
14) T n-Tetracosane (C24)	15.141	400722	3.203 ug/ml
15) T n-Hexacosane (C26)	16.172	150683	1.231 ug/ml
16) T n-Octacosane (C28)	17.127	237002	1.950 ug/ml
17) T n-Tricontane (C30)	18.012	259441	2.083 ug/ml
18) T n-Dotriacontane (C32)	18.847	279879	2.238 ug/ml
19) T n-Tetratriacontane (C34)	19.635	382747	3.213 ug/ml
20) T n-Hexatriacontane (C36)	20.378	213720	1.846 ug/ml

(f)=RT Delta > 1/2 Window

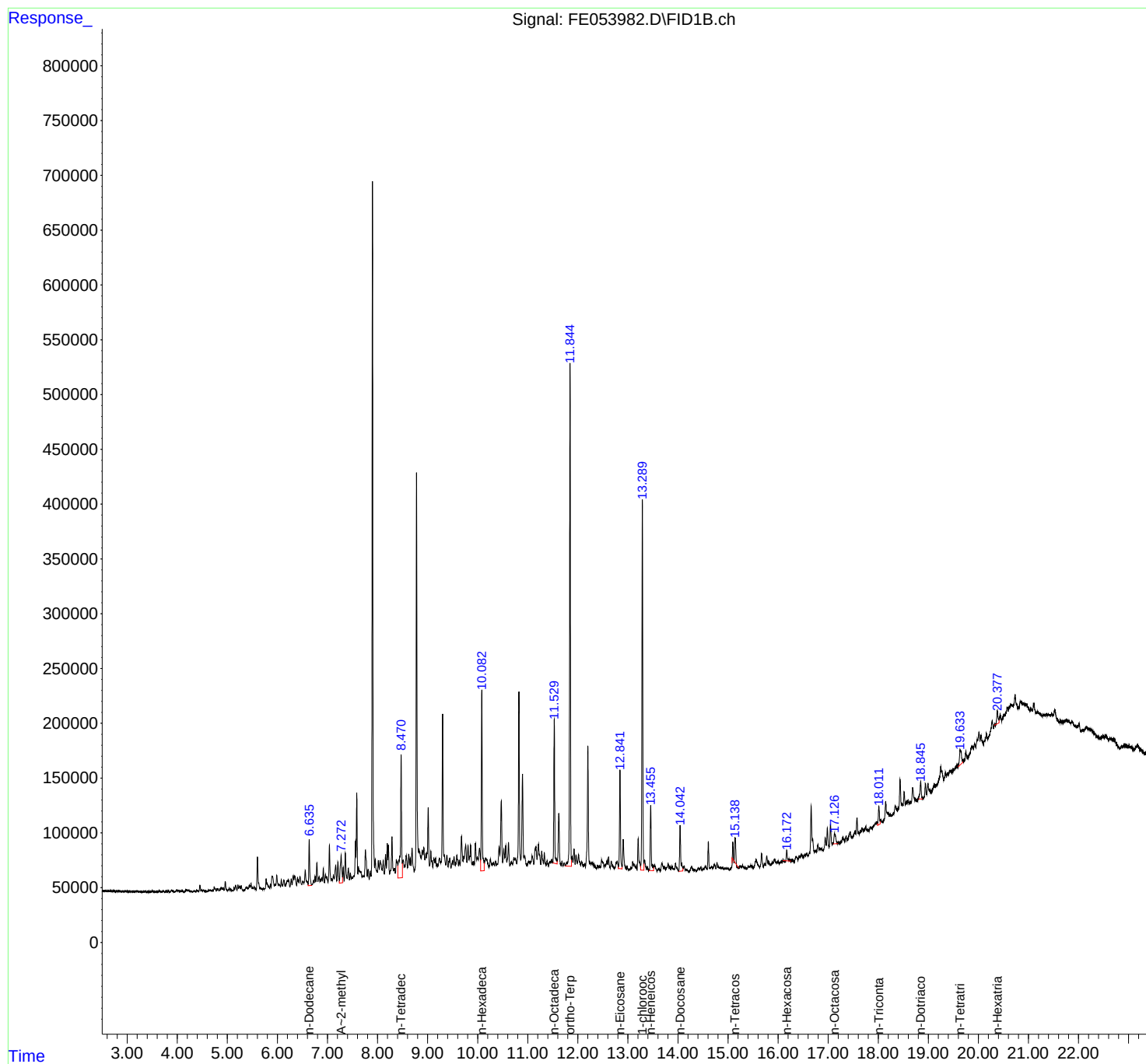
(m)=manual int.

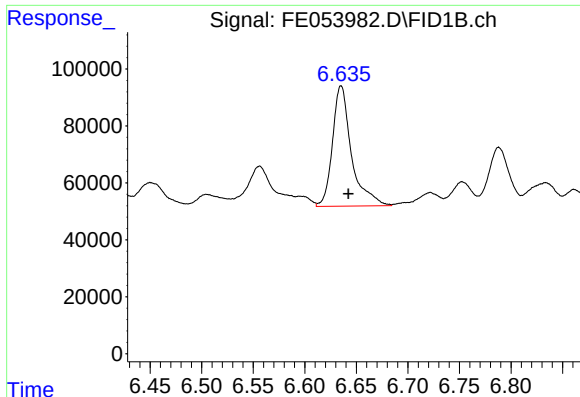
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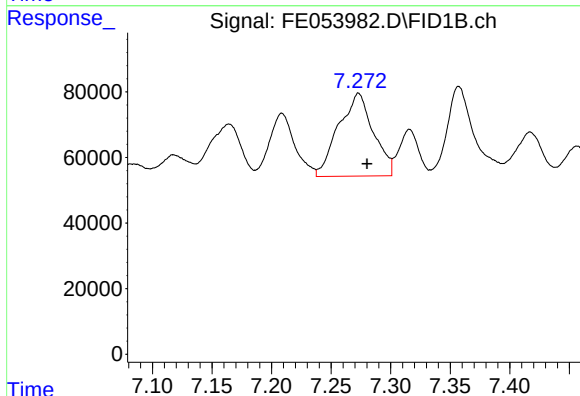




#4 n-Dodecane (C12)

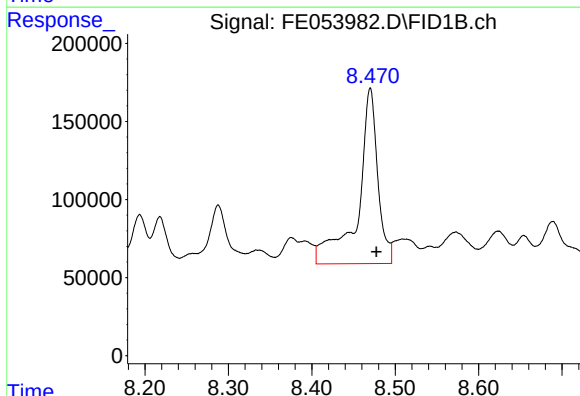
R.T.: 6.635 min
Delta R.T.: -0.007 min
Response: 542743
Conc: 3.98 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-06-052125-E2



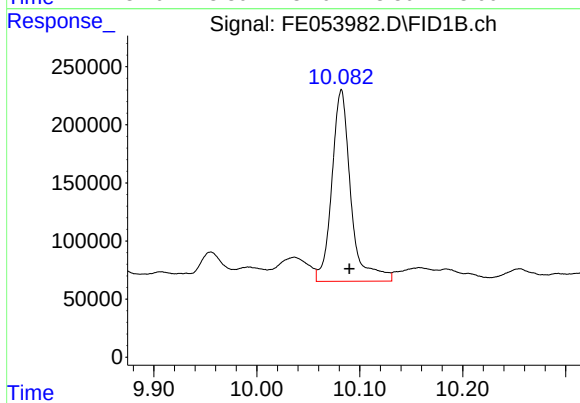
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.273 min
Delta R.T.: -0.007 min
Response: 512413
Conc: 3.69 ug/ml



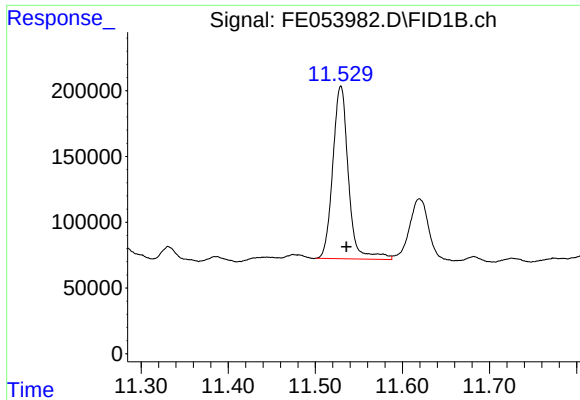
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.007 min
Response: 1855405
Conc: 13.75 ug/ml



#7 n-Hexadecane (C16)

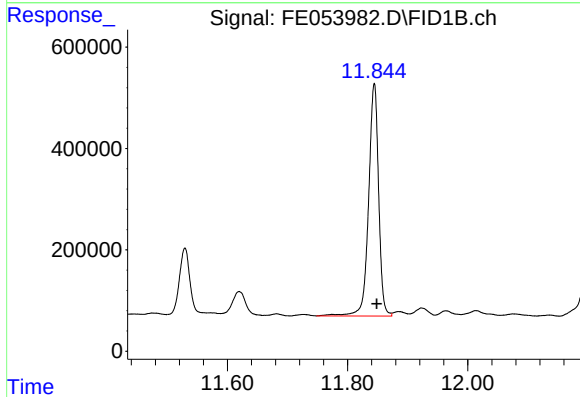
R.T.: 10.082 min
Delta R.T.: -0.008 min
Response: 2112350
Conc: 15.65 ug/ml



#8 n-Octadecane (C18)

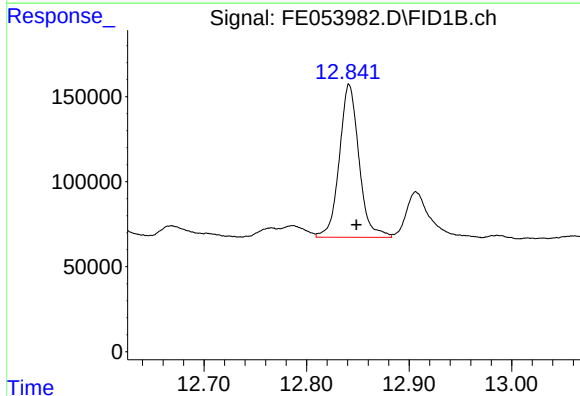
R.T.: 11.529 min
Delta R.T.: -0.007 min
Response: 1634354
Conc: 12.14 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-06-052125-E2



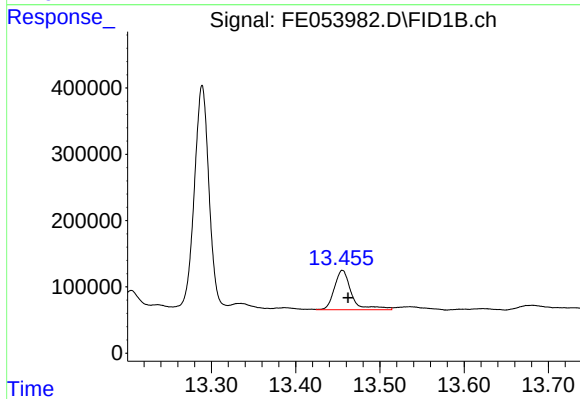
#9 ortho-Terphenyl (SURR)

R.T.: 11.844 min
Delta R.T.: -0.004 min
Response: 5316764
Conc: 32.72 ug/ml



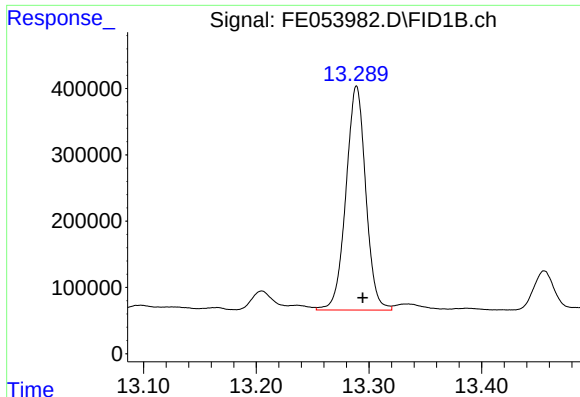
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.007 min
Response: 1195979
Conc: 9.10 ug/ml



#11 n-Heneicosane (C21)

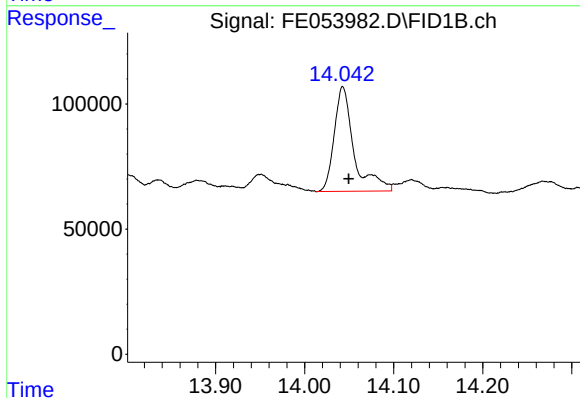
R.T.: 13.456 min
Delta R.T.: -0.007 min
Response: 841265
Conc: 6.49 ug/ml



#12 1-chlorooctadecane (SURR)

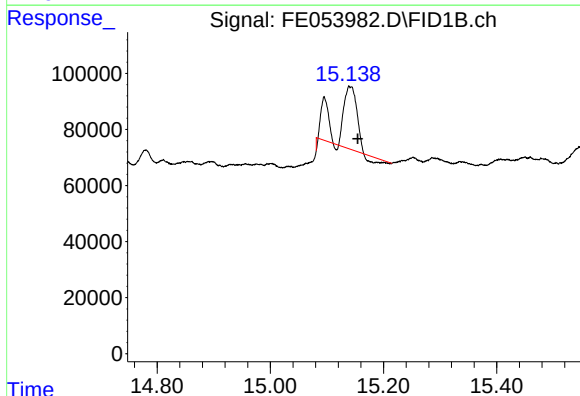
R.T.: 13.289 min
Delta R.T.: -0.006 min
Response: 4124354
Conc: 34.79 ug/ml

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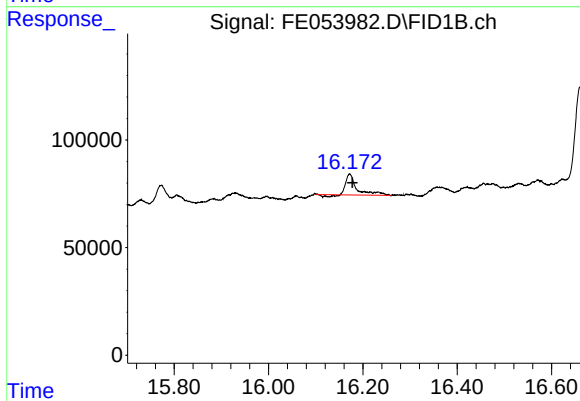
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.006 min
Response: 644609
Conc: 5.05 ug/ml



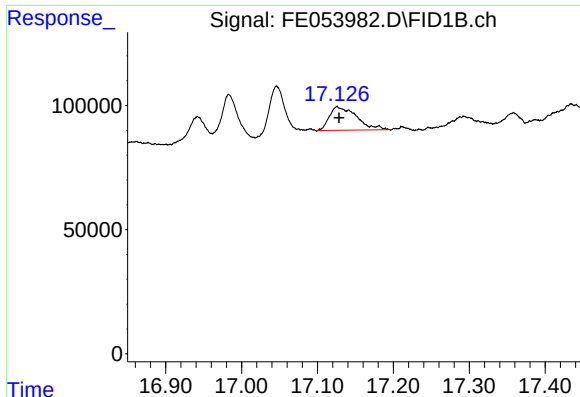
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.013 min
Response: 400722
Conc: 3.20 ug/ml



#15 n-Hexacosane (C26)

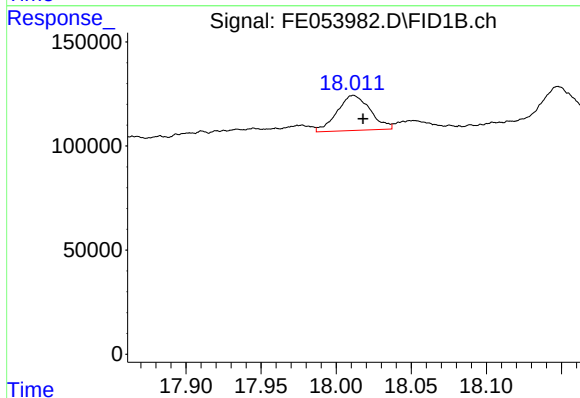
R.T.: 16.172 min
Delta R.T.: -0.006 min
Response: 150683
Conc: 1.23 ug/ml



#16 n-Octacosane (C28)

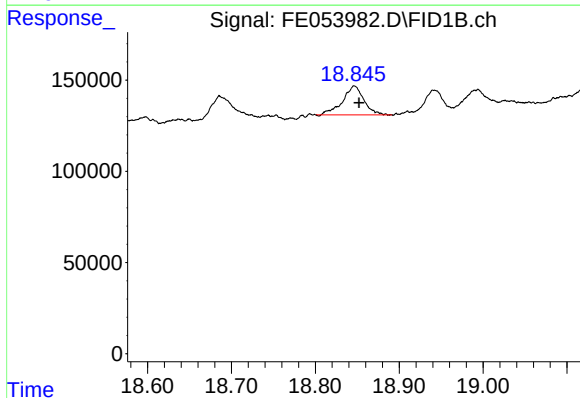
R.T.: 17.127 min
Delta R.T.: -0.002 min
Response: 237002
Conc: 1.95 ug/ml

Instrument :
FID_E
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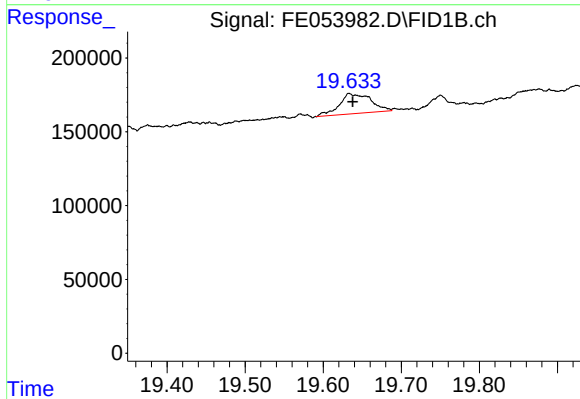
#17 n-Tricontane (C30)

R.T.: 18.012 min
Delta R.T.: -0.006 min
Response: 259441
Conc: 2.08 ug/ml



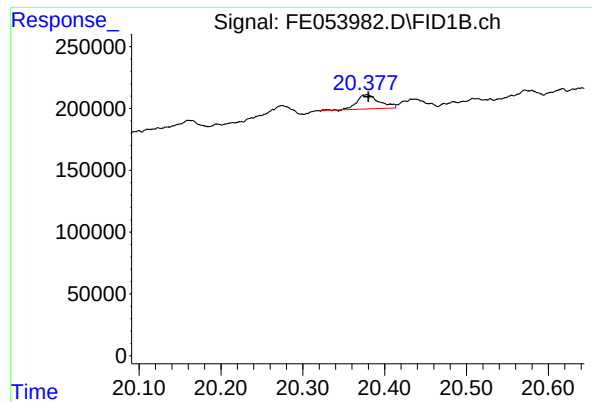
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.005 min
Response: 279879
Conc: 2.24 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.003 min
Response: 382747
Conc: 3.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.002 min
Response: 213720
Conc: 1.85 ug/ml

Instrument :

FID_E

ClientSampleId :

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