

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051925AL\
 Data File : FE053905.D
 Signal(s) : FID1B.ch
 Acq On : 19 May 2025 21:00
 Operator : YP\AJ
 Sample : Q2068-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-25-0075

Integration File: autoint1.e
 Quant Time: May 20 01:27:35 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)	11.838	10675234	65.689 ug/ml
Spiked Amount 50.000		Recovery =	131.38%
12) S 1-chlorooctadecane (S...	13.287	41776108	352.394 ug/ml
Spiked Amount 50.000		Recovery =	704.79%
Target Compounds			
4) T n-Dodecane (C12)	6.641	163958	1.202 ug/ml
5) T A~2-methylnaphthalene...	7.279	415481	2.995 ug/ml
6) T n-Tetradecane (C14)	8.488	1631012	12.086 ug/ml
7) T n-Hexadecane (C16)	10.085	9869322	73.142 ug/ml
8) T n-Octadecane (C18)	11.599f	14623038	108.592 ug/ml
10) T n-Eicosane (C20)	12.802	106172120	807.830 ug/ml
11) T n-Heneicosane (C21)	13.462	62319204	480.696 ug/ml
13) T n-Docosane (C22)	14.053	50004715	391.960 ug/ml
15) T n-Hexacosane (C26)	16.199	561298	4.584 ug/ml
16) T n-Octacosane (C28)	17.178	1762452	14.498 ug/ml
17) T n-Tricontane (C30)	18.033	968516	7.775 ug/ml
18) T n-Dotriacontane (C32)	18.860	495740	3.964 ug/ml
19) T n-Tetratriacontane (C34)	19.681	1587689	13.328 ug/ml
20) T n-Hexatriacontane (C36)	20.391	308981	2.669 ug/ml
21) T n-Octatriacontane (C38)	21.082	636572	5.849 ug/ml

(f)=RT Delta > 1/2 Window

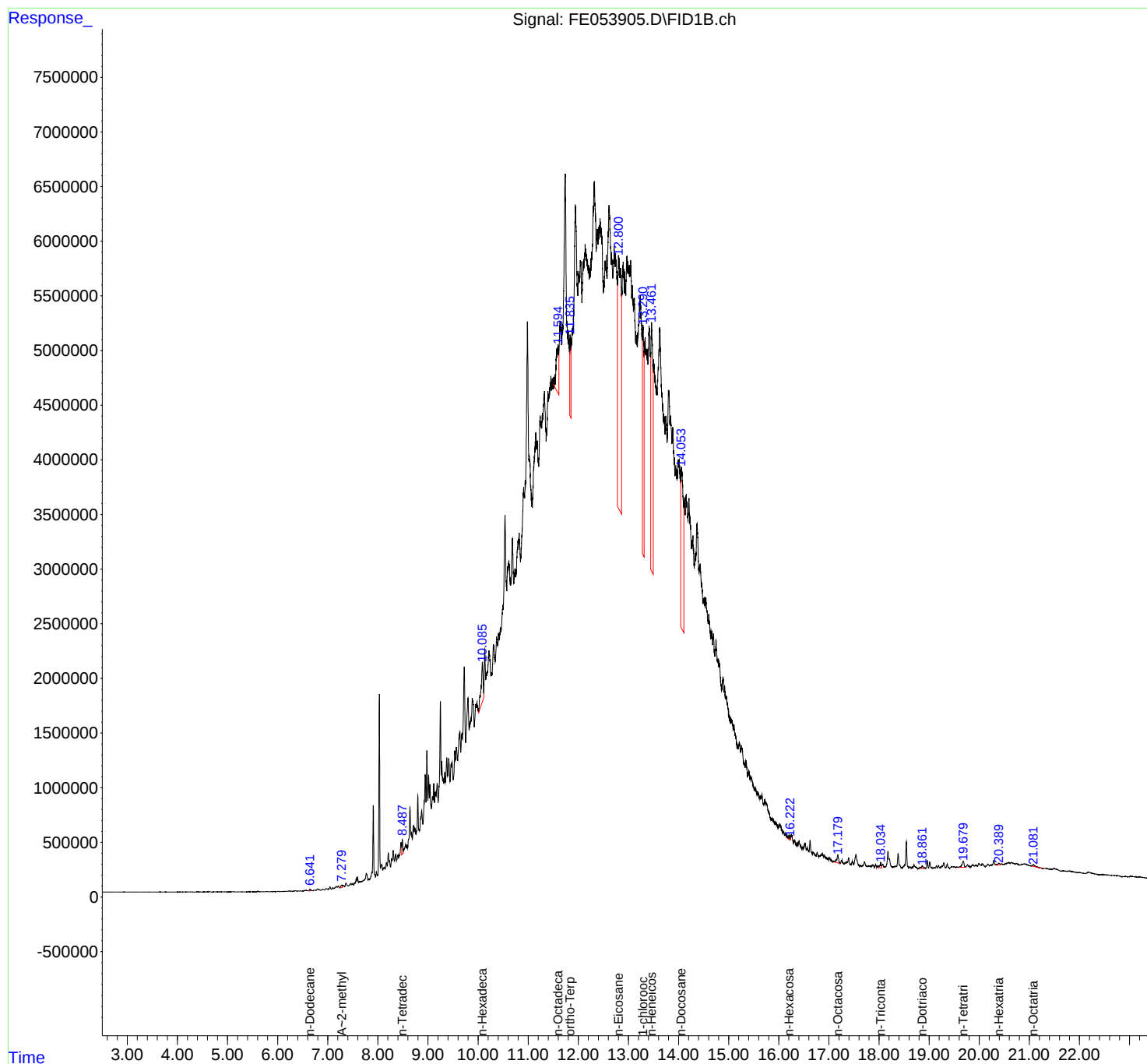
(m)=manual int.

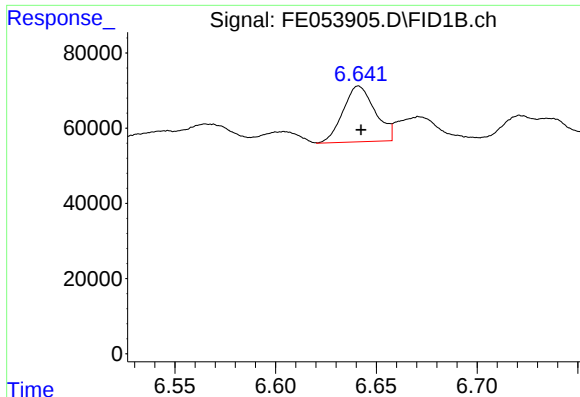
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051925AL\
Data File : FE053905.D
Signal(s) : FID1B.ch
Acq On : 19 May 2025 21:00
Operator : YP\AJ
Sample : Q2068-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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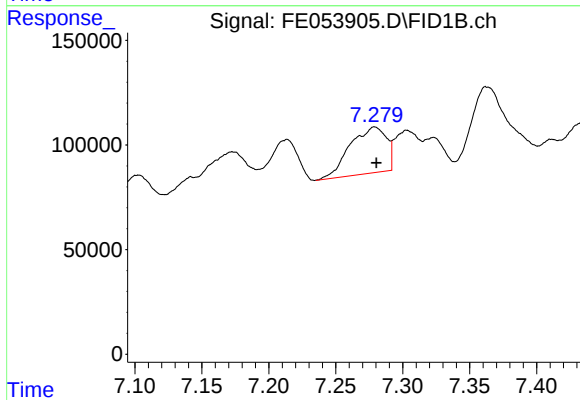




#4 n-Dodecane (C12)

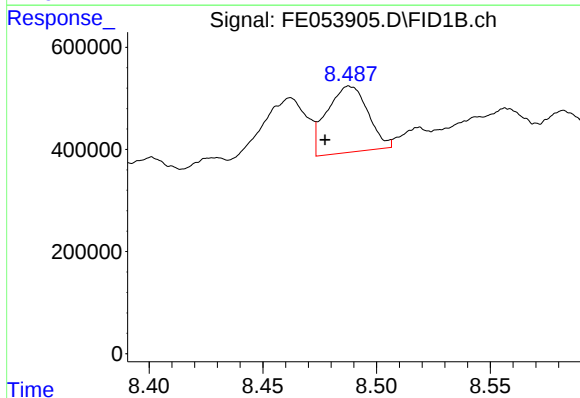
R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 163958
Conc: 1.20 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0075



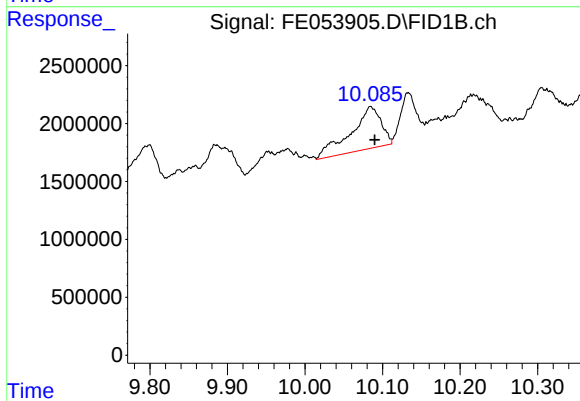
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.279 min
Delta R.T.: -0.001 min
Response: 415481
Conc: 3.00 ug/ml



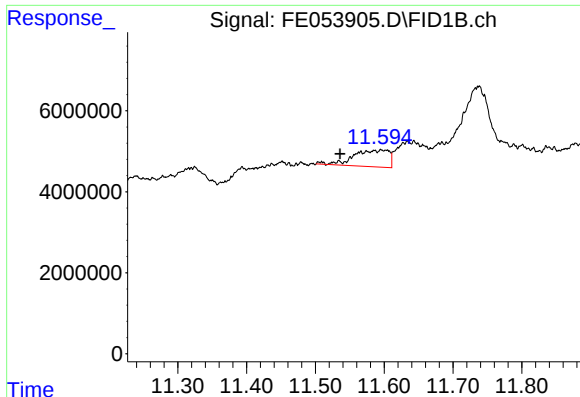
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: 0.011 min
Response: 1631012
Conc: 12.09 ug/ml



#7 n-Hexadecane (C16)

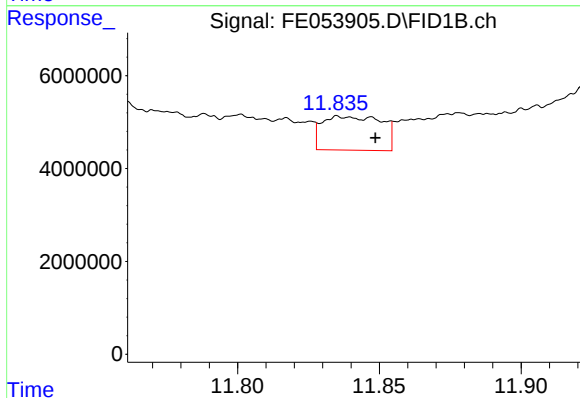
R.T.: 10.085 min
Delta R.T.: -0.005 min
Response: 9869322
Conc: 73.14 ug/ml



#8 n-Octadecane (C18)

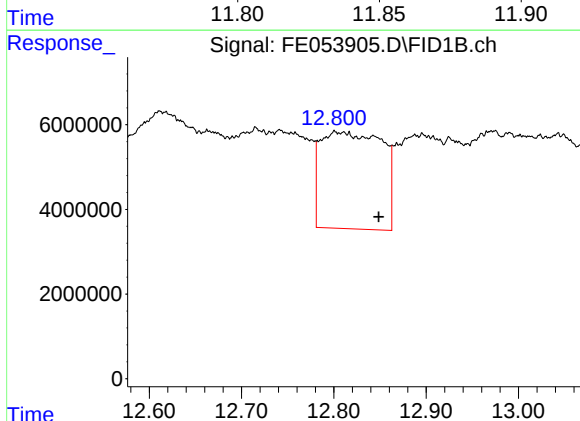
R.T.: 11.599 min
Delta R.T.: 0.063 min
Response: 14623038
Conc: 108.59 ug/ml

Instrument :
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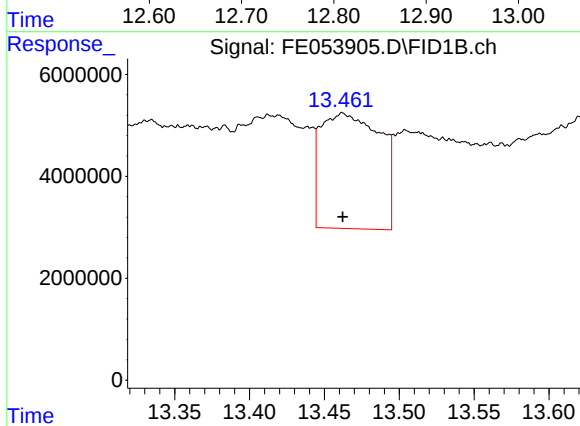
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.011 min
Response: 10675234
Conc: 65.69 ug/ml



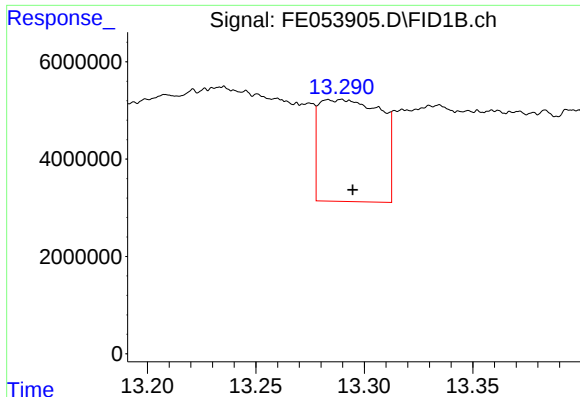
#10 n-Eicosane (C20)

R.T.: 12.802 min
Delta R.T.: -0.046 min
Response: 106172120
Conc: 807.83 ug/ml



#11 n-Heneicosane (C21)

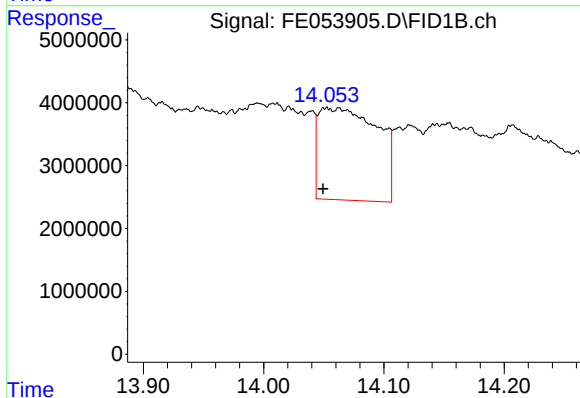
R.T.: 13.462 min
Delta R.T.: 0.000 min
Response: 62319204
Conc: 480.70 ug/ml



#12 1-chlorooctadecane (SURR)

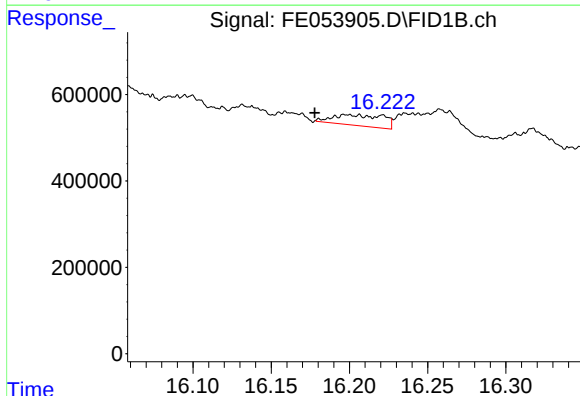
R.T.: 13.287 min
Delta R.T.: -0.007 min
Response: 41776108
Conc: 352.39 ug/ml

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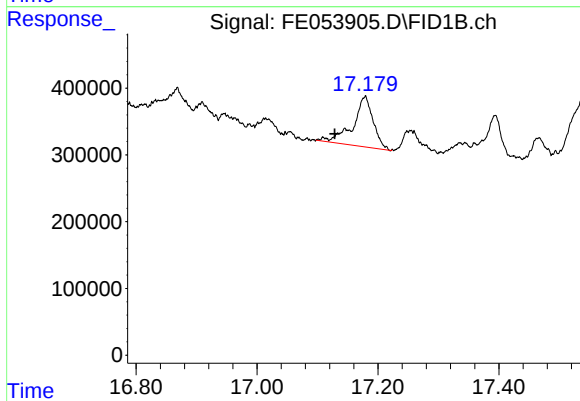
#13 n-Docosane (C22)

R.T.: 14.053 min
Delta R.T.: 0.003 min
Response: 50004715
Conc: 391.96 ug/ml



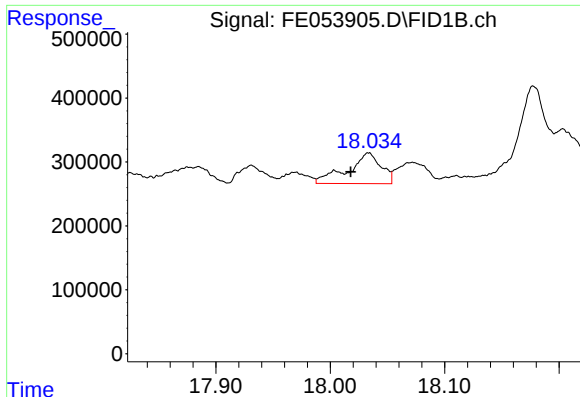
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: 0.021 min
Response: 561298
Conc: 4.58 ug/ml



#16 n-Octacosane (C28)

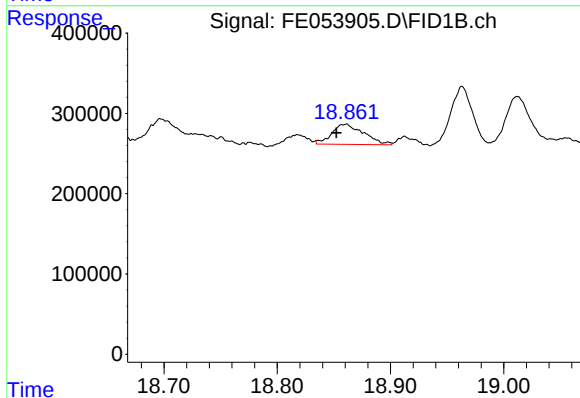
R.T.: 17.178 min
Delta R.T.: 0.050 min
Response: 1762452
Conc: 14.50 ug/ml



#17 n-Tricontane (C30)

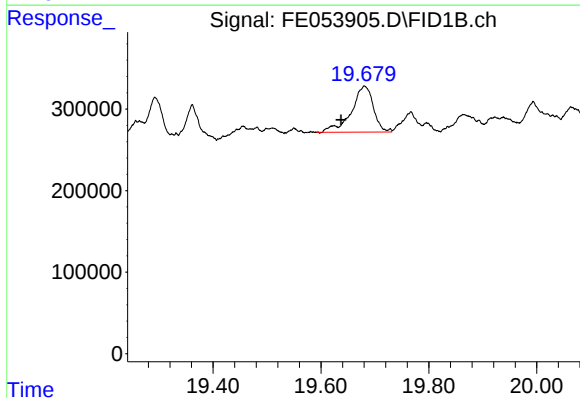
R.T.: 18.033 min
Delta R.T.: 0.016 min
Response: 968516
Conc: 7.78 ug/ml

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LAW-25-0075



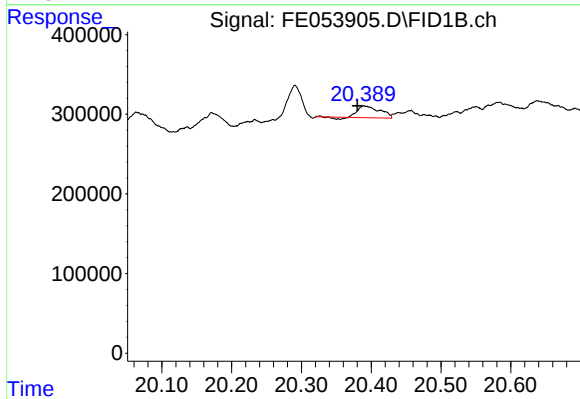
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: 0.008 min
Response: 495740
Conc: 3.96 ug/ml



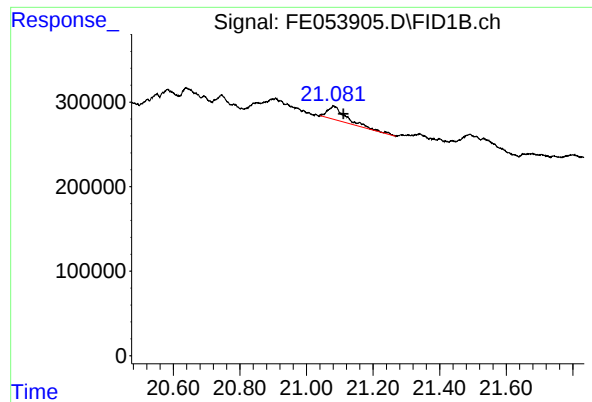
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: 0.043 min
Response: 1587689
Conc: 13.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: 0.011 min
Response: 308981
Conc: 2.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.029 min
Response: 636572
Conc: 5.85 ug/ml

Instrument :
FID_E
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