

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062525AL\
 Data File : FE054574.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2025 14:46
 Operator : YP\AJ
 Sample : Q2398-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ARS20-0036

Integration File: autoint1.e
 Quant Time: Jun 26 02:31:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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	15009977	90.840 ug/ml
Spiked Amount 50.000		Recovery =	181.68%
12) S 1-chlorooctadecane (S...	13.270	1346903	11.045 ug/ml
Spiked Amount 50.000		Recovery =	22.09%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.200	30044	0.222 ug/ml
4) T n-Dodecane (C12)	6.615	6340	0.050 ug/ml
5) T A~2-methylnaphthalene...	7.276	107321	0.810 ug/ml
6) T n-Tetradecane (C14)	8.456	283079	2.187 ug/ml
7) T n-Hexadecane (C16)	10.092	1129758	8.505 ug/ml
8) T n-Octadecane (C18)	11.517	1165831	8.634 ug/ml
10) T n-Eicosane (C20)	12.826	3748382	28.020 ug/ml
11) T n-Heneicosane (C21)	13.417	2835154	21.322 ug/ml
13) T n-Docosane (C22)	14.027	3025358	23.073 ug/ml
14) T n-Tetracosane (C24)	15.152	982384	7.616 ug/ml
15) T n-Hexacosane (C26)	16.165	238147	1.897 ug/ml
16) T n-Octacosane (C28)	17.124	202224	1.649 ug/ml
17) T n-Tricontane (C30)	17.997	62696	0.506 ug/ml
18) T n-Dotriacontane (C32)	18.833	77423	0.616 ug/ml
19) T n-Tetratriacontane (C34)	19.685f	67649	0.544 ug/ml
20) T n-Hexatriacontane (C36)	20.361	20594	0.160 ug/ml

(f)=RT Delta > 1/2 Window

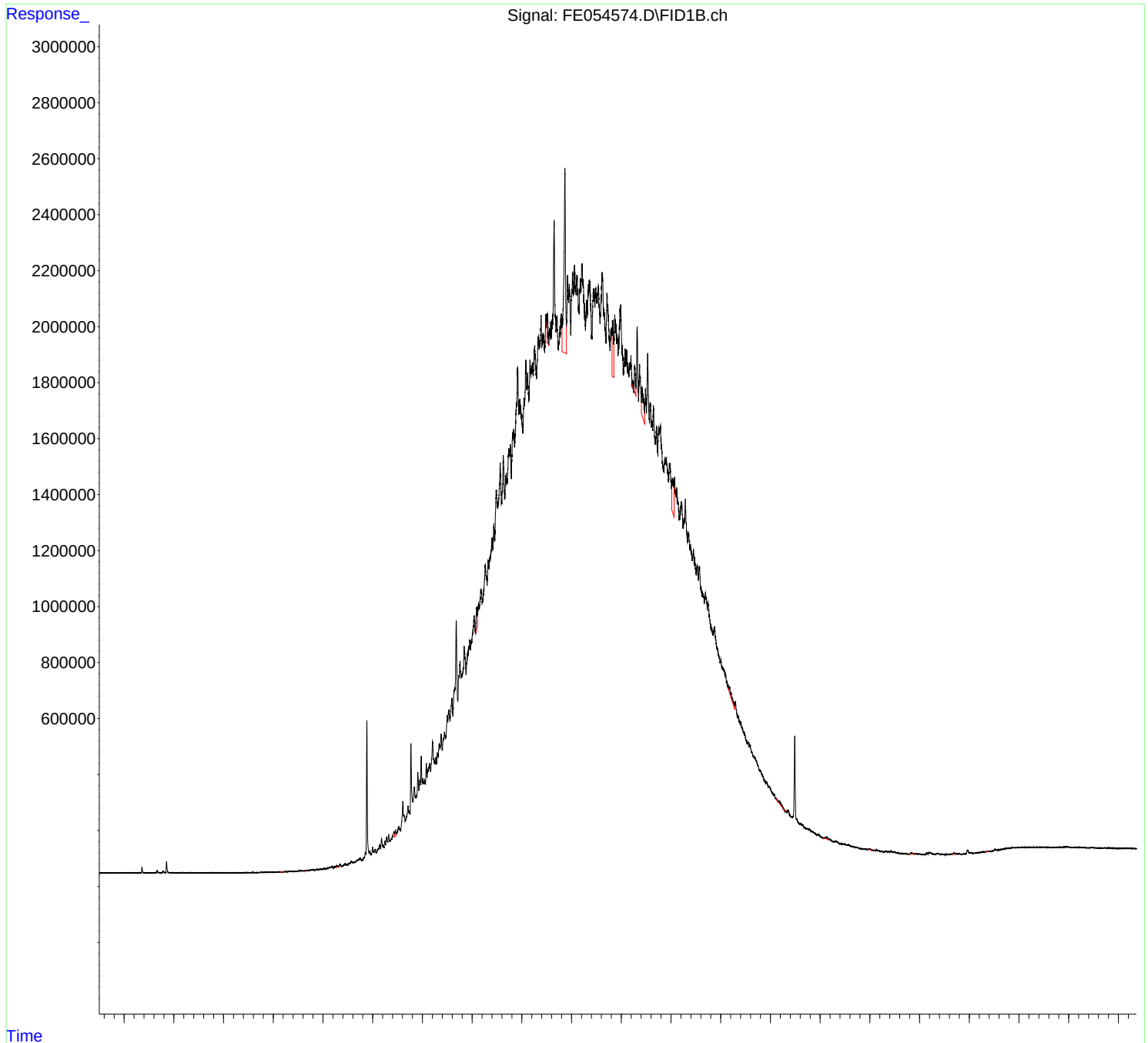
(m)=manual int.

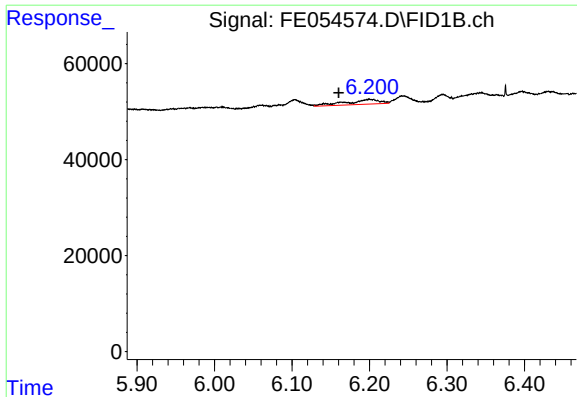
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062525AL\
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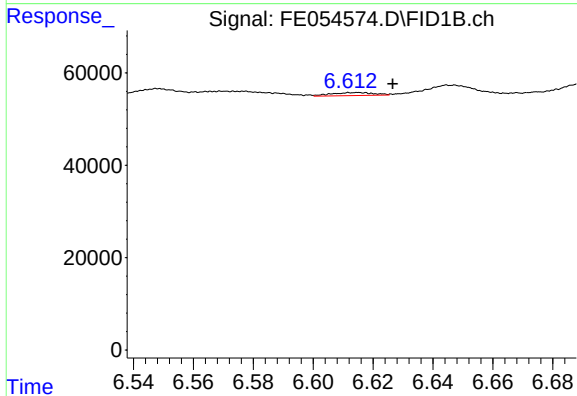




#3 A~Naphthalene (C11.7)

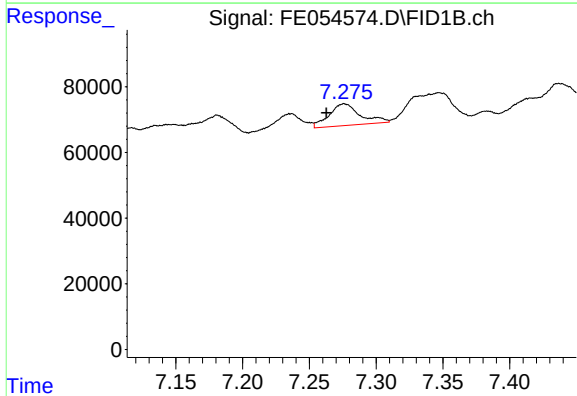
R.T.: 6.200 min
Delta R.T.: 0.040 min
Response: 30044
Conc: 0.22 ug/ml

Instrument :
FID_E
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ARS20-0036



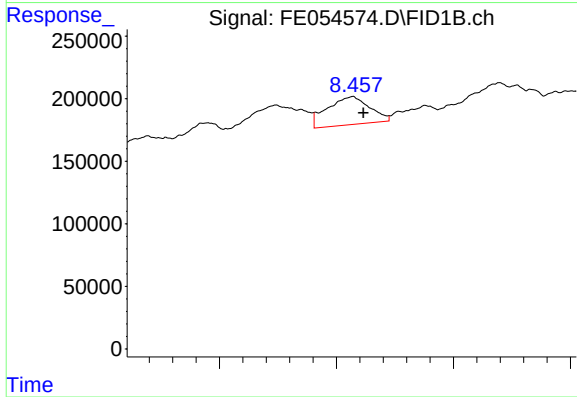
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: -0.012 min
Response: 6340
Conc: 0.05 ug/ml



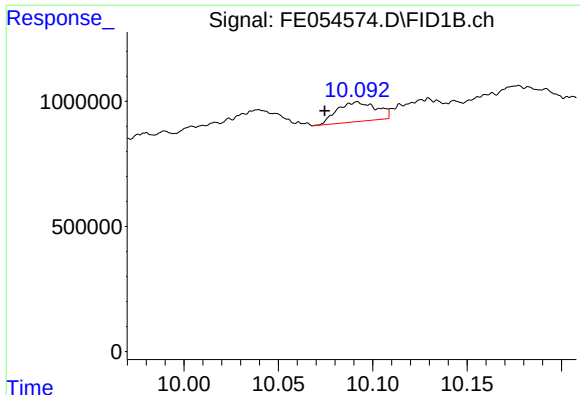
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: 0.013 min
Response: 107321
Conc: 0.81 ug/ml



#6 n-Tetradecane (C14)

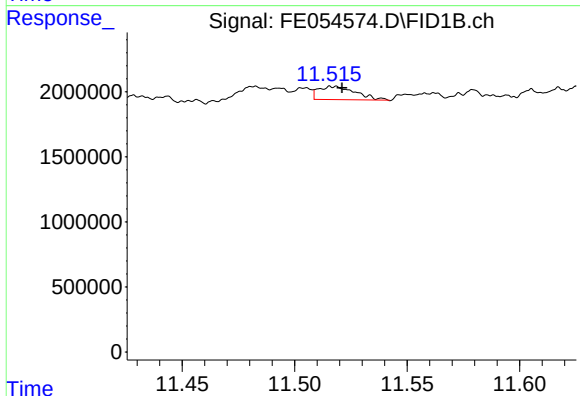
R.T.: 8.456 min
Delta R.T.: -0.005 min
Response: 283079
Conc: 2.19 ug/ml



#7 n-Hexadecane (C16)

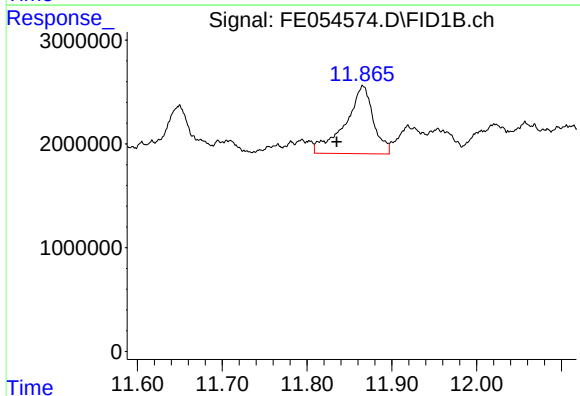
R.T.: 10.092 min
Delta R.T.: 0.017 min
Response: 1129758
Conc: 8.50 ug/ml

Instrument :
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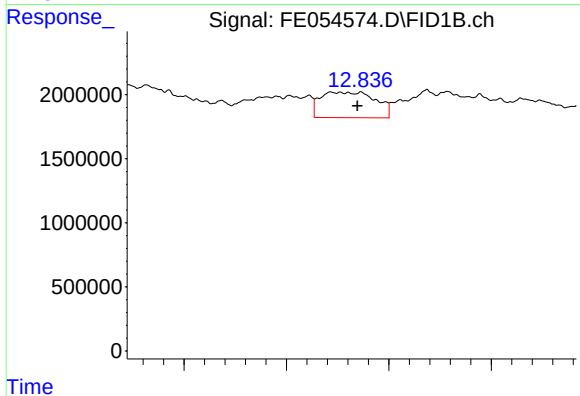
#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.004 min
Response: 1165831
Conc: 8.63 ug/ml



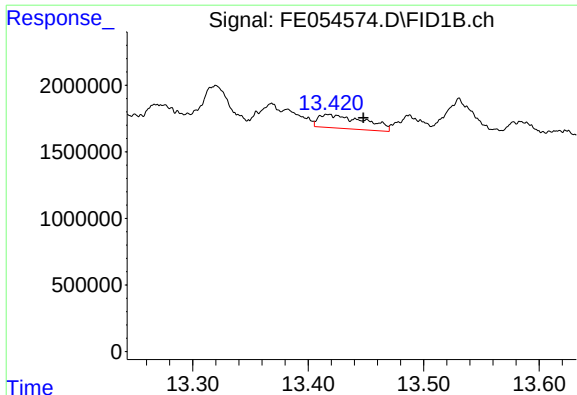
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min
Delta R.T.: 0.031 min
Response: 15009977
Conc: 90.84 ug/ml



#10 n-Eicosane (C20)

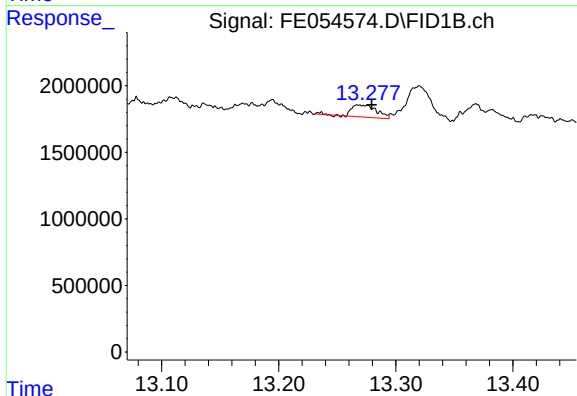
R.T.: 12.826 min
Delta R.T.: -0.009 min
Response: 3748382
Conc: 28.02 ug/ml



#11 n-Heneicosane (C21)

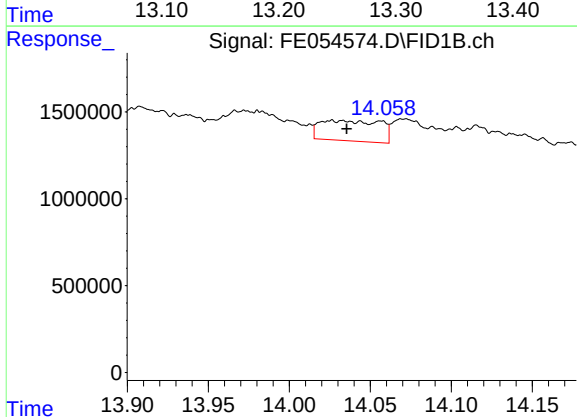
R.T.: 13.417 min
Delta R.T.: -0.031 min
Response: 2835154
Conc: 21.32 ug/ml

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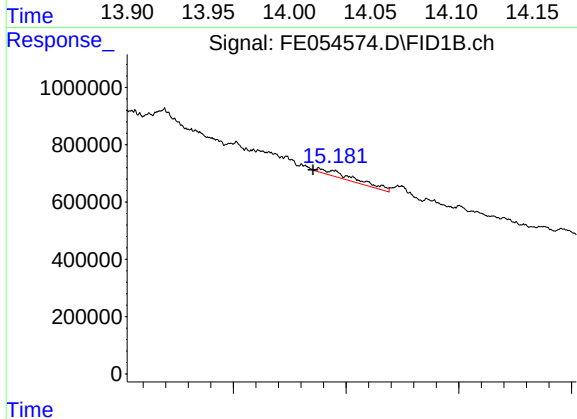
#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.010 min
Response: 1346903
Conc: 11.04 ug/ml



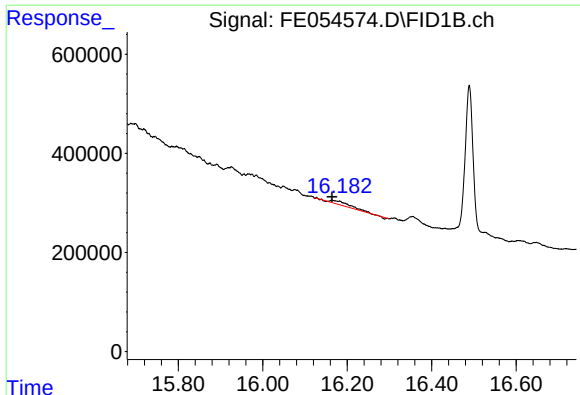
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.008 min
Response: 3025358
Conc: 23.07 ug/ml



#14 n-Tetracosane (C24)

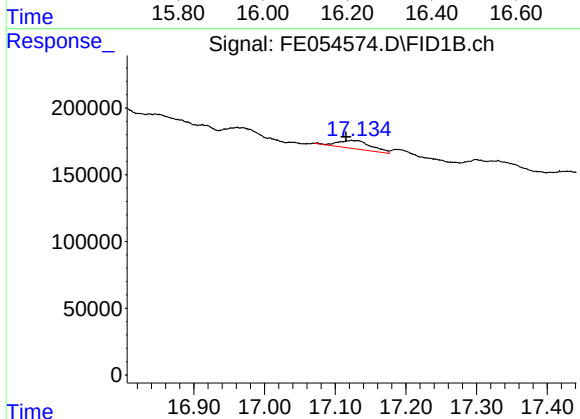
R.T.: 15.152 min
Delta R.T.: 0.010 min
Response: 982384
Conc: 7.62 ug/ml



#15 n-Hexacosane (C26)

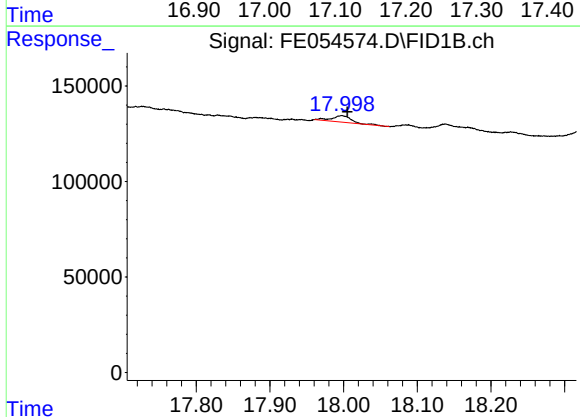
R.T.: 16.165 min
Delta R.T.: 0.000 min
Response: 238147
Conc: 1.90 ug/ml

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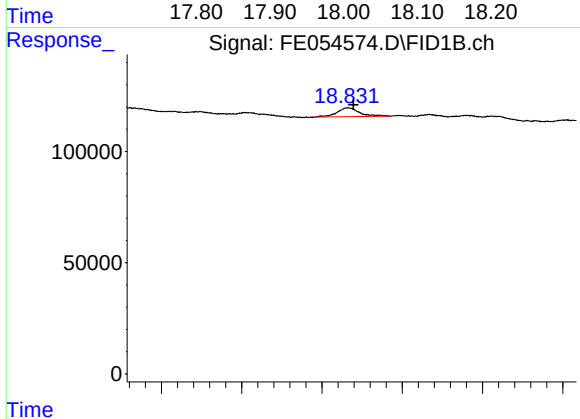
#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: 0.009 min
Response: 202224
Conc: 1.65 ug/ml



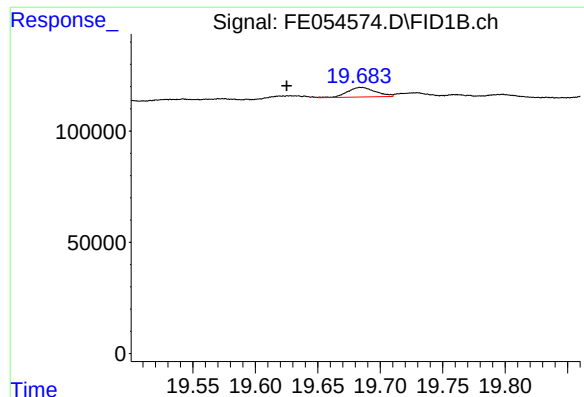
#17 n-Tricontane (C30)

R.T.: 17.997 min
Delta R.T.: -0.008 min
Response: 62696
Conc: 0.51 ug/ml



#18 n-Dotriacontane (C32)

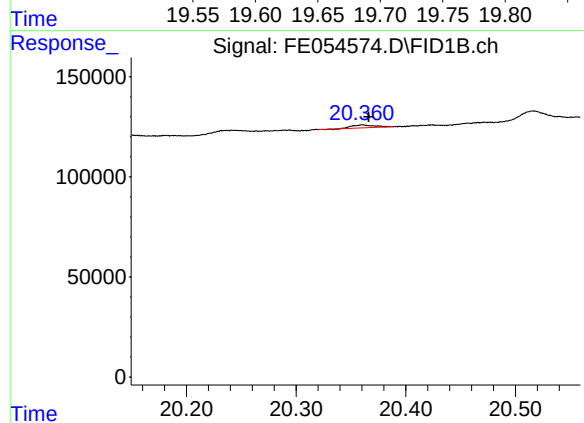
R.T.: 18.833 min
Delta R.T.: -0.006 min
Response: 77423
Conc: 0.62 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: 0.060 min
Response: 67649
Conc: 0.54 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: -0.006 min
Response: 20594
Conc: 0.16 ug/ml