

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111722AL\
 Data File : FE038806.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2022 13:06
 Operator : YP\AJ
 Sample : PB149099BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149099BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2022
 Supervised By :Ankita Jodhani 11/18/2022

Integration File: autoint1.e
 Quant Time: Nov 18 04:38:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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			
12) S 1-chlorooctadecane (S...	13.396	4667282	34.092 ug/ml
Spiked Amount 50.000		Recovery =	68.18%
Target Compounds			
1) T n-Nonane (C9)	3.354	3537101	22.966 ug/ml
2) T n-Decane (C10)	4.603	4419633	28.473 ug/mlm
4) T n-Dodecane (C12)	6.767	5400247	34.569 ug/ml
6) T n-Tetradecane (C14)	8.593	5840816	37.348 ug/ml
7) T n-Hexadecane (C16)	10.200	6119467	38.733 ug/ml
8) T n-Octadecane (C18)	11.643	6347636	39.628 ug/ml
10) T n-Eicosane (C20)	12.951	6164121	38.256 ug/ml
11) T n-Heneicosane (C21)	13.563	6133680	37.971 ug/ml
13) T n-Docosane (C22)	14.149	6069128	37.593 ug/ml
14) T n-Tetracosane (C24)	15.252	6006676	37.449 ug/ml
15) T n-Hexacosane (C26)	16.273	5864243	36.920 ug/ml
16) T n-Octacosane (C28)	17.223	5764142	36.740 ug/ml
17) T n-Tricontane (C30)	18.109	5734542	35.940 ug/mlm
18) T n-Dotriacontane (C32)	18.943	5803605	36.809 ug/ml
19) T n-Tetratriacontane (C34)	19.725	5924582	40.187 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	5882225	41.168 ug/ml
21) T n-Octatriacontane (C38)	21.211	5975390	44.241 ug/ml
22) T n-Tetracontane (C40)	22.138	6083972	48.198 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149099BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

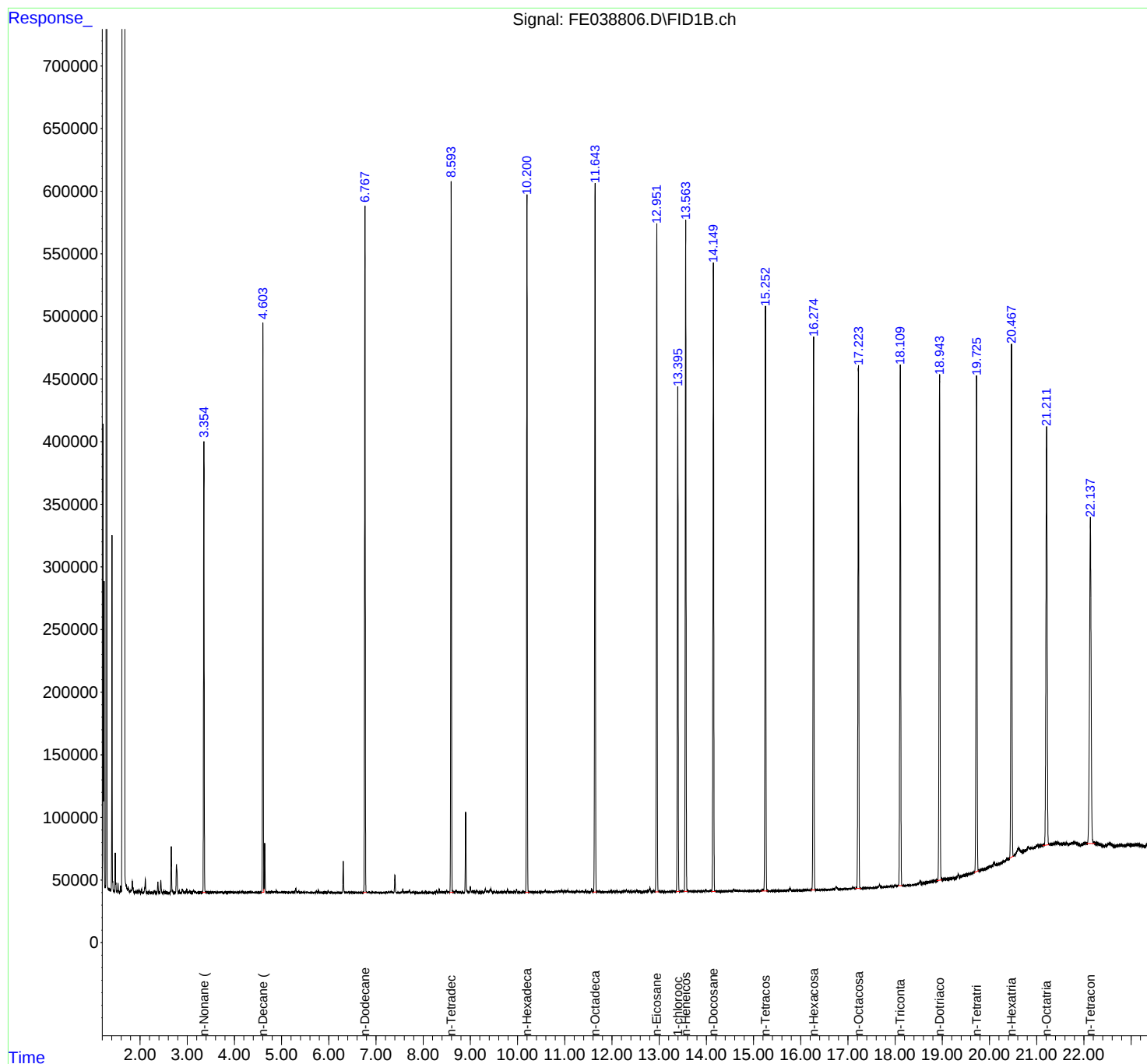
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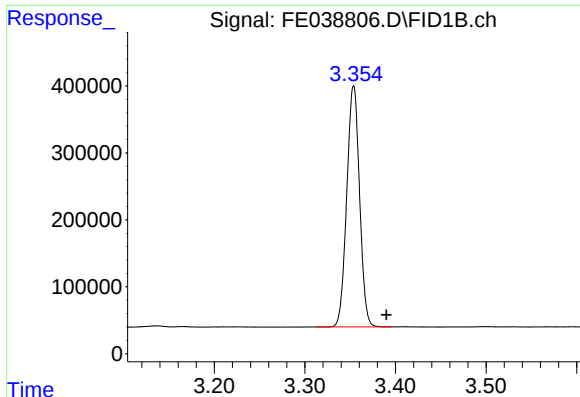
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#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.036 min
Response: 3537101
Conc: 22.97 ug/ml

Instrument :

FID_E

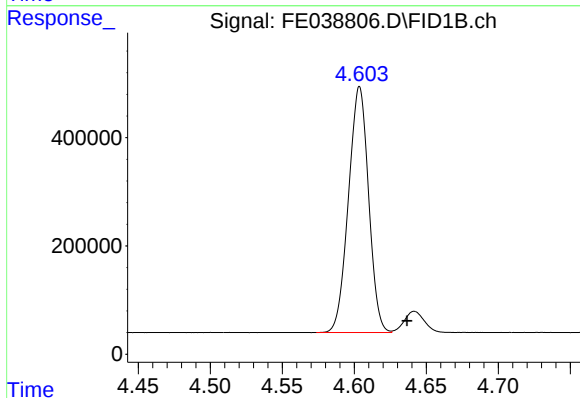
ClientSampleId :

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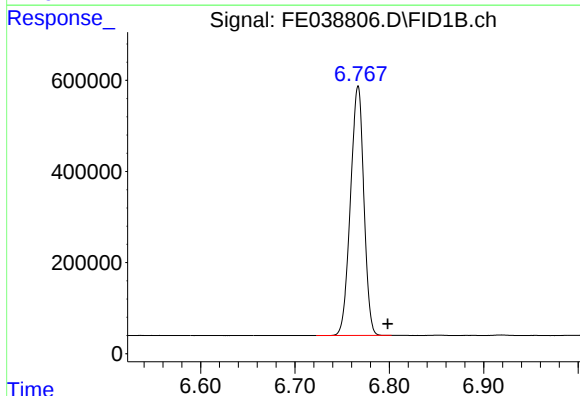
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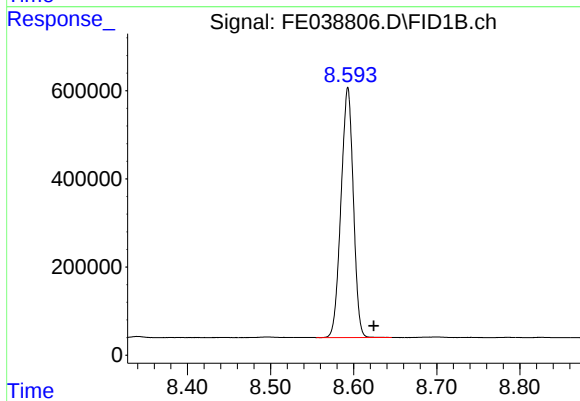
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.033 min
Response: 4419633
Conc: 28.47 ug/ml m



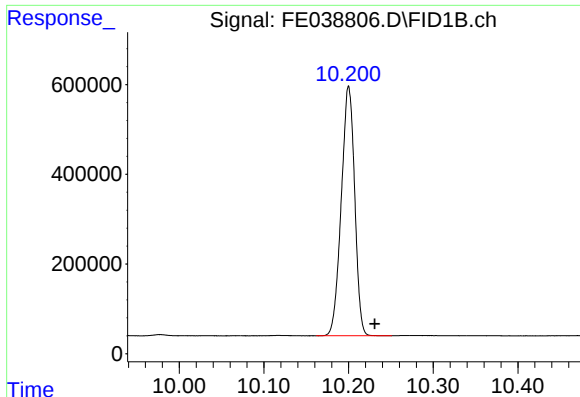
#4 n-Dodecane (C12)

R.T.: 6.767 min
Delta R.T.: -0.031 min
Response: 5400247
Conc: 34.57 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: -0.031 min
Response: 5840816
Conc: 37.35 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.031 min
Response: 6119467
Conc: 38.73 ug/ml

Instrument :

FID_E

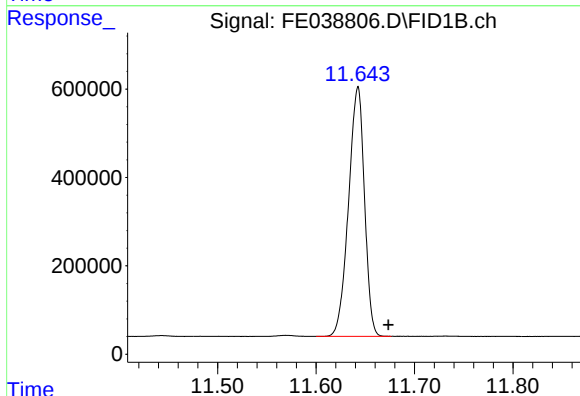
ClientSampleId :

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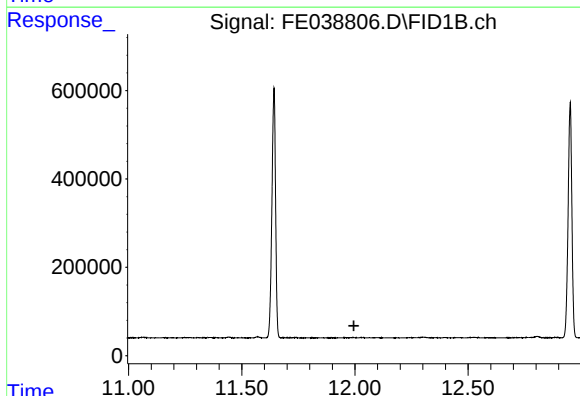
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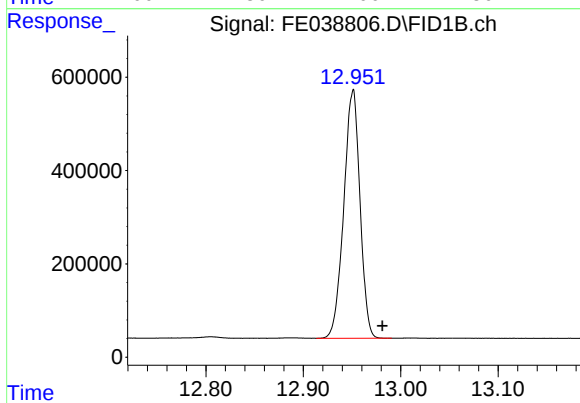
#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.031 min
Response: 6347636
Conc: 39.63 ug/ml



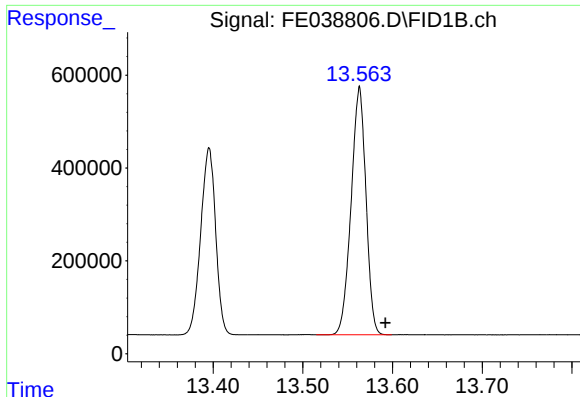
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.996 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: -0.030 min
Response: 6164121
Conc: 38.26 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.029 min
Response: 6133680
Conc: 37.97 ug/ml

Instrument :

FID_E

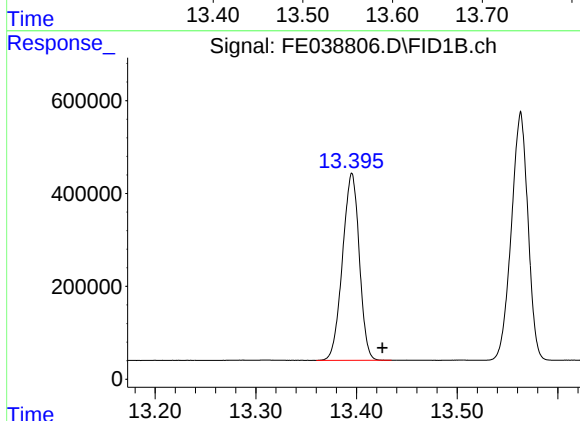
ClientSampleId :

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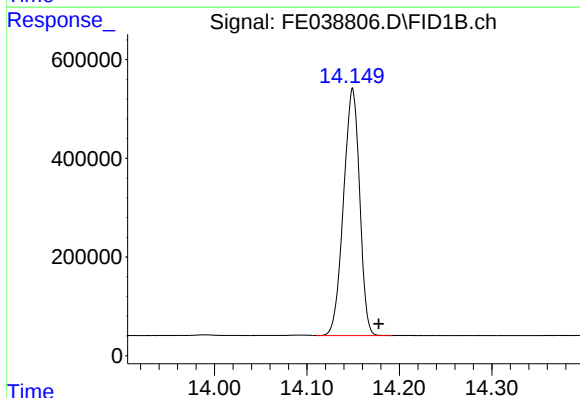
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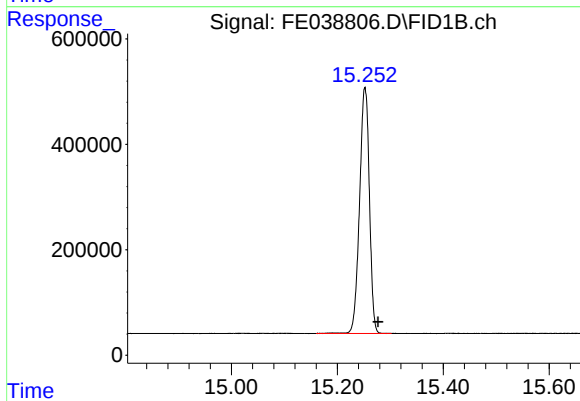
#12 1-chlorooctadecane (SURR)

R.T.: 13.396 min
Delta R.T.: -0.030 min
Response: 4667282
Conc: 34.09 ug/ml



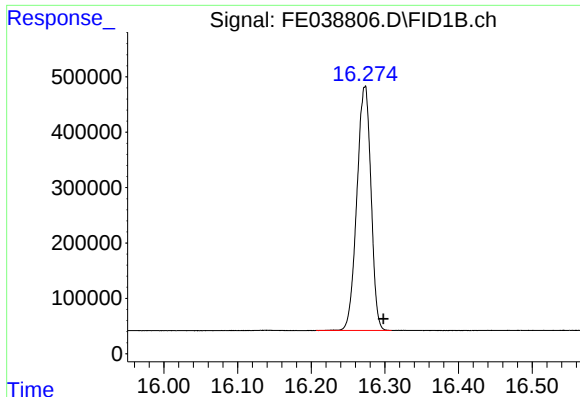
#13 n-Docosane (C22)

R.T.: 14.149 min
Delta R.T.: -0.028 min
Response: 6069128
Conc: 37.59 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.025 min
Response: 6006676
Conc: 37.45 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.025 min
Response: 5864243
Conc: 36.92 ug/ml

Instrument :

FID_E

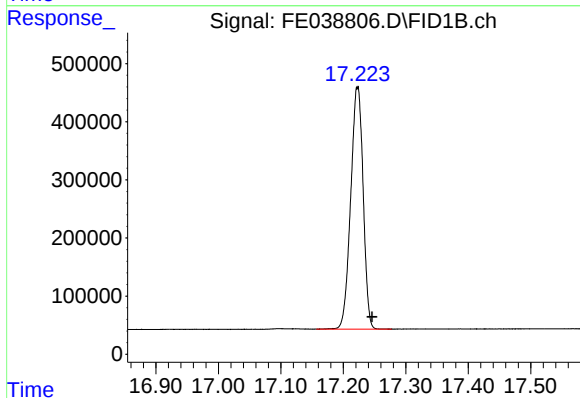
ClientSampleId :

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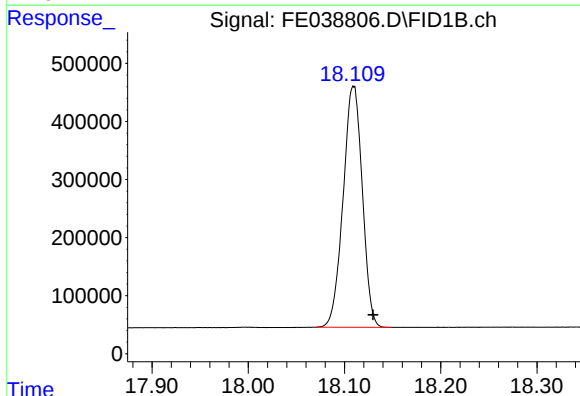
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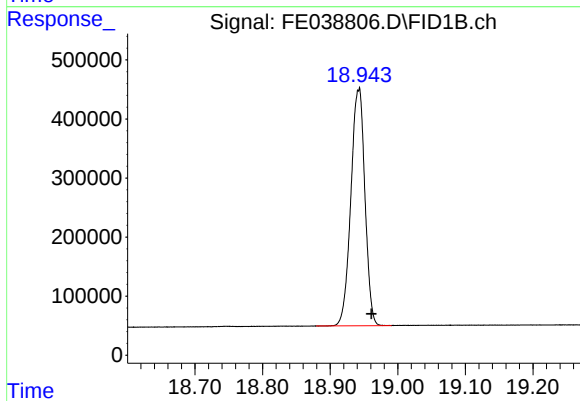
#16 n-Octacosane (C28)

R.T.: 17.223 min
Delta R.T.: -0.023 min
Response: 5764142
Conc: 36.74 ug/ml



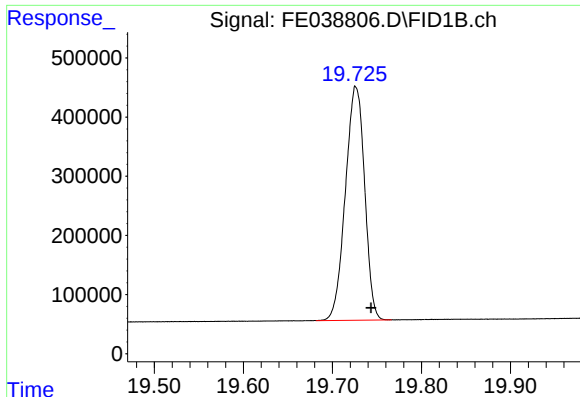
#17 n-Tricontane (C30)

R.T.: 18.109 min
Delta R.T.: -0.021 min
Response: 5734542
Conc: 35.94 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.019 min
Response: 5803605
Conc: 36.81 ug/ml



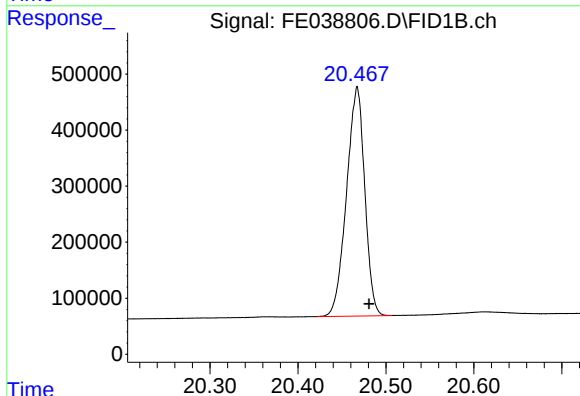
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.018 min
Response: 5924582
Conc: 40.19 ug/ml

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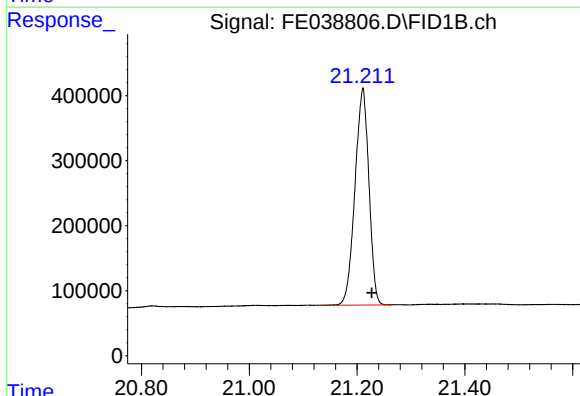
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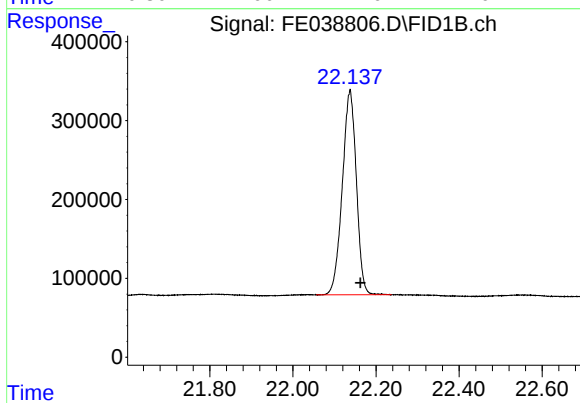
#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.013 min
Response: 5882225
Conc: 41.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.016 min
Response: 5975390
Conc: 44.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: -0.025 min
Response: 6083972
Conc: 48.20 ug/ml