

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111522AL\
 Data File : FE038778.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2022 17:13
 Operator : YP\AJ
 Sample : N5608-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 NP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2022
 Supervised By :Ankita Jodhani 11/16/2022

Integration File: autoint1.e
 Quant Time: Nov 16 04:02:40 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			
9) S ortho-Terphenyl (SURR)	11.964	5666774	32.933 ug/ml
Spiked Amount 50.000		Recovery =	65.87%
12) S 1-chlorooctadecane (S...	13.397	4169026	30.453 ug/ml
Spiked Amount 50.000		Recovery =	60.91%
Target Compounds			
1) T n-Nonane (C9)	3.356	3808079	24.726 ug/ml
2) T n-Decane (C10)	4.644	4387080	28.263 ug/ml
3) T A~Naphthalene (C11.7)	6.310	4874444	28.783 ug/ml
4) T n-Dodecane (C12)	6.769	4552870	29.145 ug/ml
5) T A~2-methylnaphthalene...	7.405	4830300	28.823 ug/ml
6) T n-Tetradecane (C14)	8.596	4729728	30.243 ug/ml
7) T n-Hexadecane (C16)	10.202	5179103	32.781 ug/ml
8) T n-Octadecane (C18)	11.645	5485275	34.245 ug/ml
10) T n-Eicosane (C20)	12.954	5325994	33.055 ug/ml
11) T n-Heneicosane (C21)	13.565	5227156	32.360 ug/ml
13) T n-Docosane (C22)	14.151	5235444	32.429 ug/ml
14) T n-Tetracosane (C24)	15.246	10230899	63.784 ug/ml
15) T n-Hexacosane (C26)	16.274	5075505	31.954 ug/mlm
16) T n-Octacosane (C28)	17.224	5077872	32.366 ug/ml
17) T n-Tricontane (C30)	18.112	4928003	30.885 ug/ml
18) T n-Dotriacontane (C32)	18.944	5090292	32.284 ug/ml
19) T n-Tetratriacontane (C34)	19.727	5110584	34.666 ug/mlm
20) T n-Hexatriacontane (C36)	20.468	5043013	35.294 ug/ml
21) T n-Octatriacontane (C38)	21.211	5235587	38.764 ug/ml
22) T n-Tetracontane (C40)	22.138	5493263	43.518 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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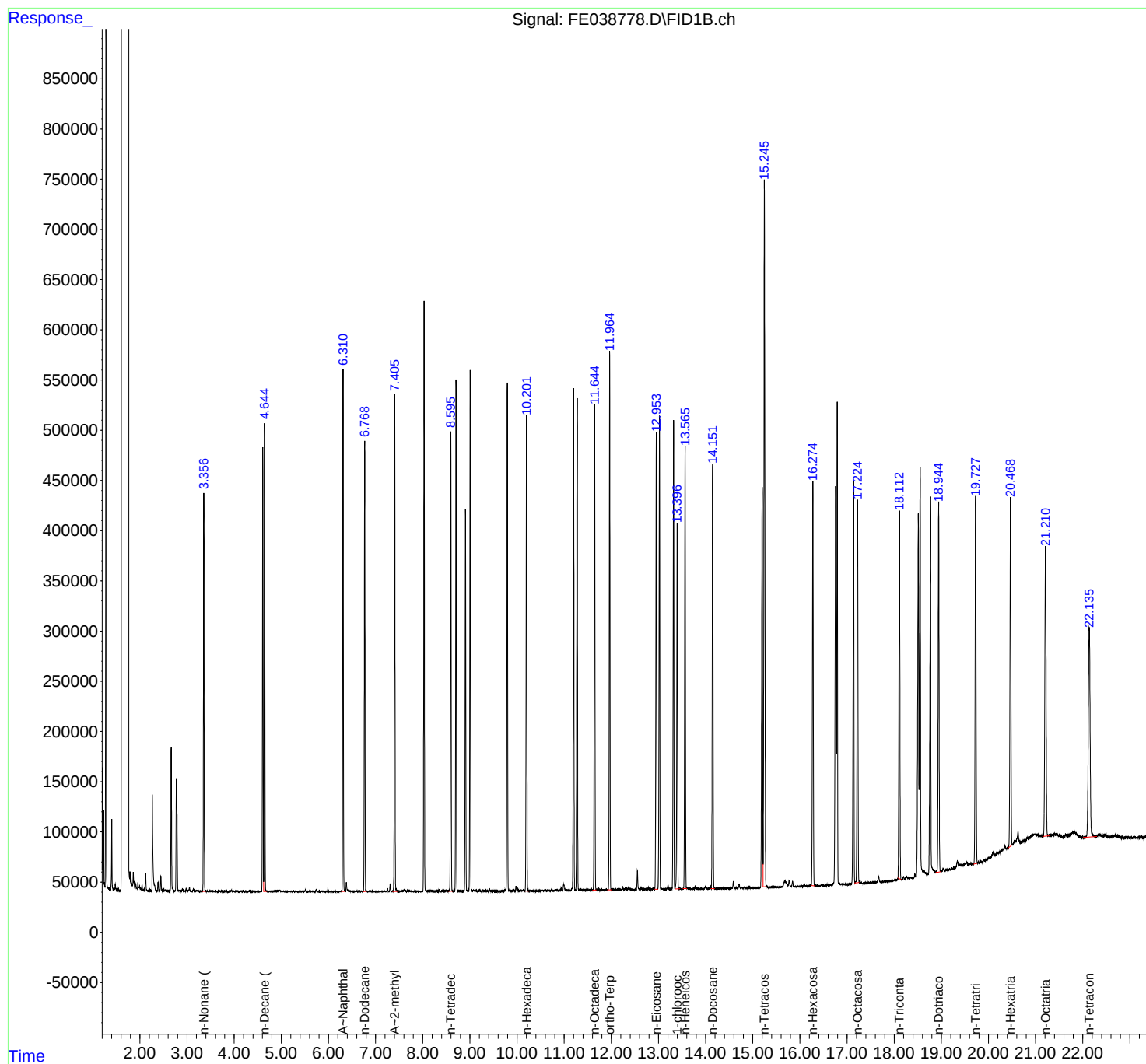
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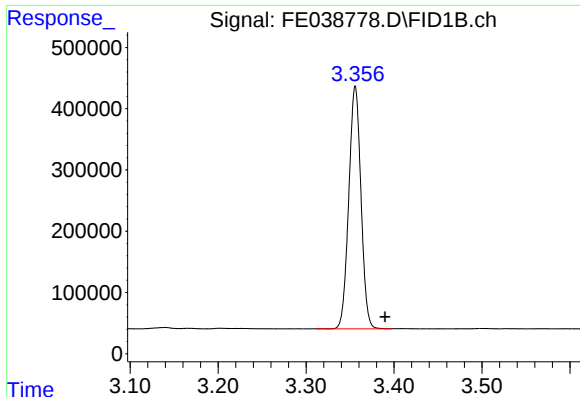
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#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: -0.034 min
Response: 3808079
Conc: 24.73 ug/ml

Instrument :

FID_E

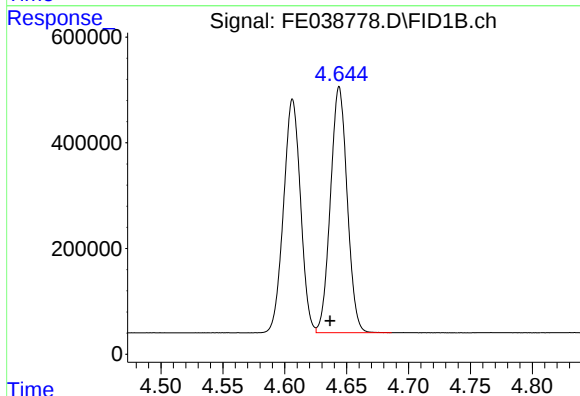
ClientSampleId :

NP-1MS

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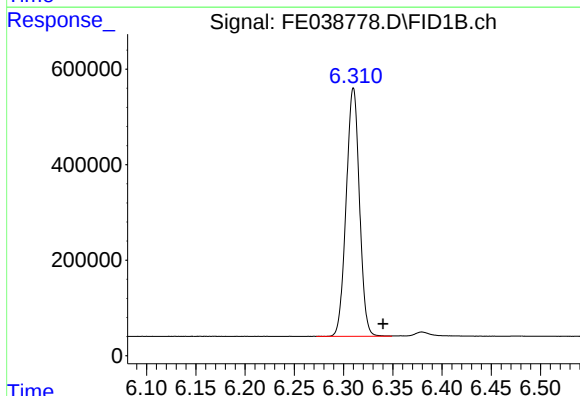
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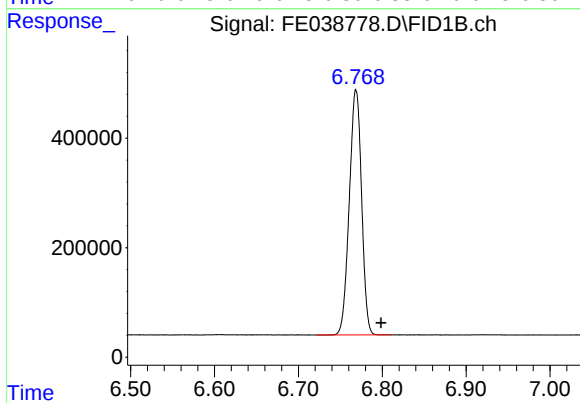
#2 n-Decane (C10)

R.T.: 4.644 min
Delta R.T.: 0.007 min
Response: 4387080
Conc: 28.26 ug/ml



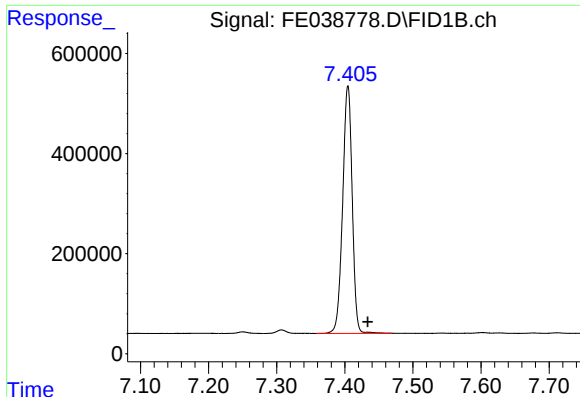
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: -0.030 min
Response: 4874444
Conc: 28.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.769 min
Delta R.T.: -0.030 min
Response: 4552870
Conc: 29.14 ug/ml



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

R.T.: 7.405 min
Delta R.T.: -0.029 min
Response: 4830300
Conc: 28.82 ug/ml

Instrument :

FID_E

ClientSampleId :

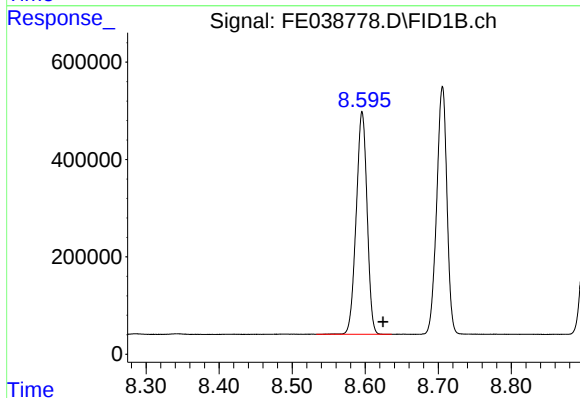
NP-1MS

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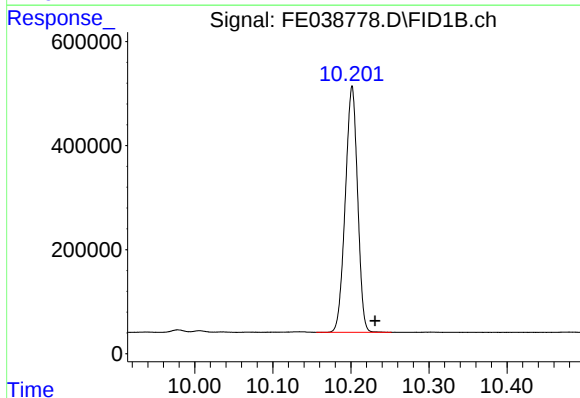
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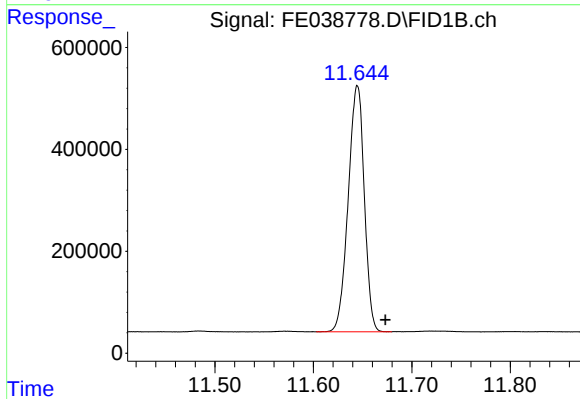
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.029 min
Response: 4729728
Conc: 30.24 ug/ml



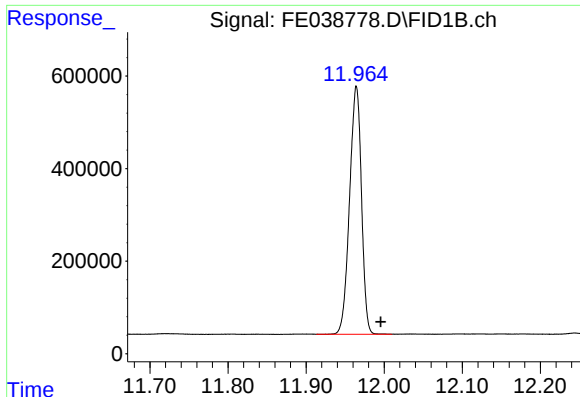
#7 n-Hexadecane (C16)

R.T.: 10.202 min
Delta R.T.: -0.029 min
Response: 5179103
Conc: 32.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.029 min
Response: 5485275
Conc: 34.24 ug/ml



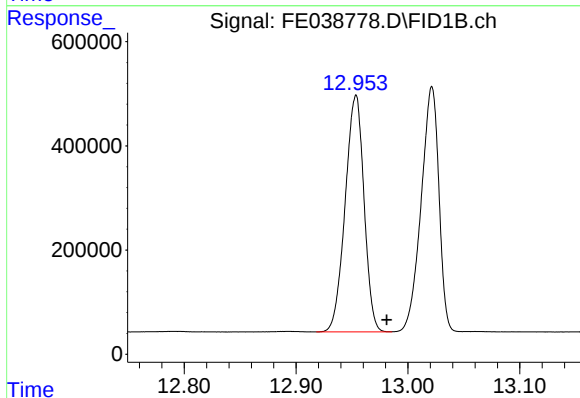
#9 ortho-Terphenyl (SURR)

R.T.: 11.964 min
Delta R.T.: -0.031 min
Response: 5666774
Conc: 32.93 ug/ml

Instrument :
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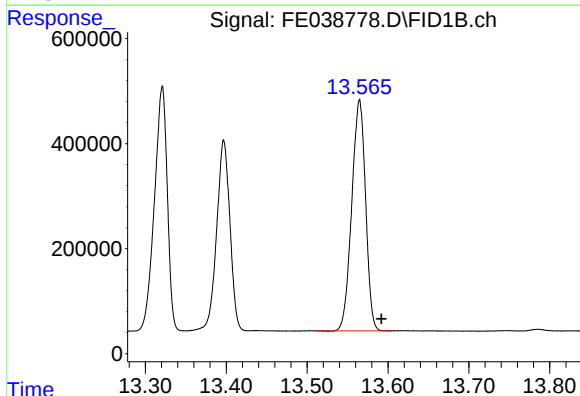
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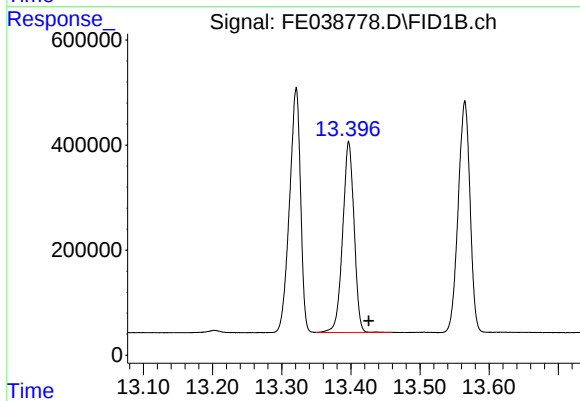
#10 n-Eicosane (C20)

R.T.: 12.954 min
Delta R.T.: -0.028 min
Response: 5325994
Conc: 33.05 ug/ml



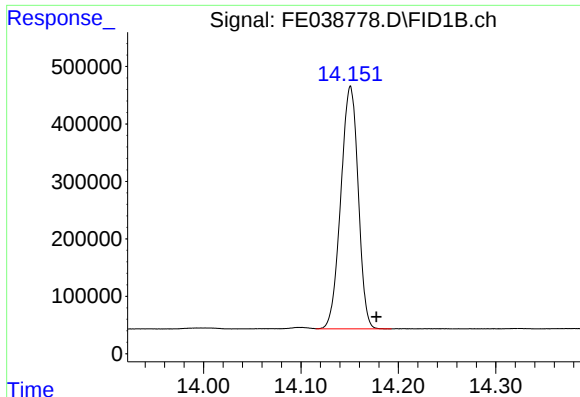
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.027 min
Response: 5227156
Conc: 32.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min
Delta R.T.: -0.029 min
Response: 4169026
Conc: 30.45 ug/ml



#13 n-Docosane (C22)

R.T.: 14.151 min
Delta R.T.: -0.027 min
Response: 5235444
Conc: 32.43 ug/ml

Instrument :

FID_E

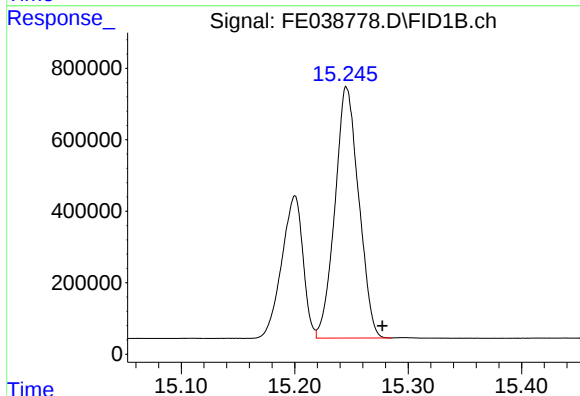
ClientSampleId :

NP-1MS

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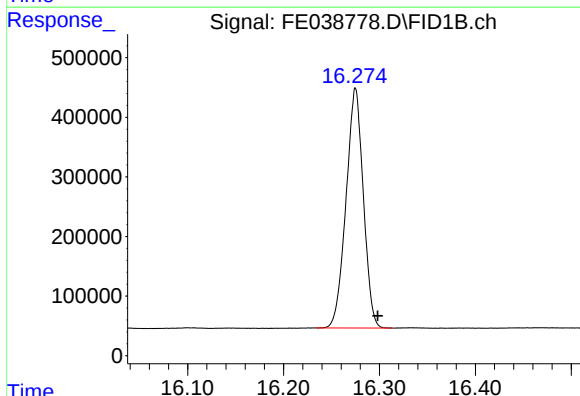
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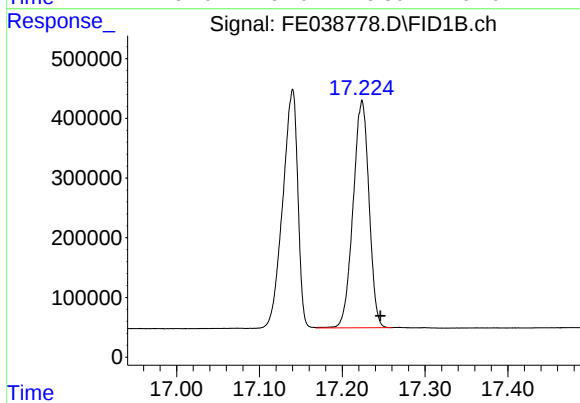
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.032 min
Response: 10230899
Conc: 63.78 ug/ml



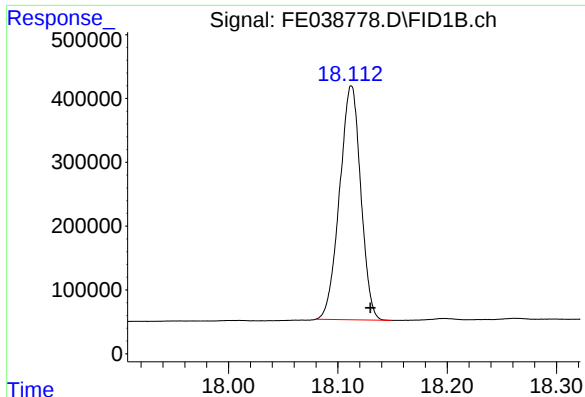
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.024 min
Response: 5075505
Conc: 31.95 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.022 min
Response: 5077872
Conc: 32.37 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.017 min
Response: 4928003
Conc: 30.89 ug/ml

Instrument :

FID_E

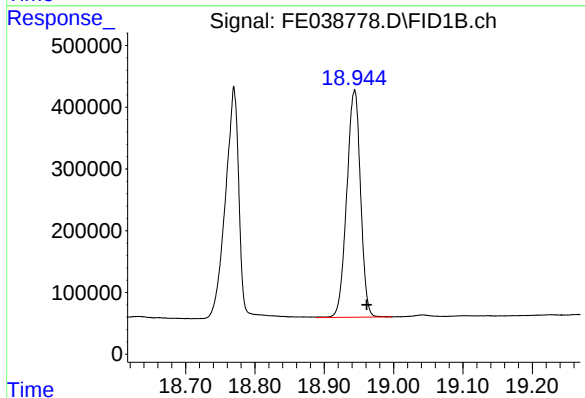
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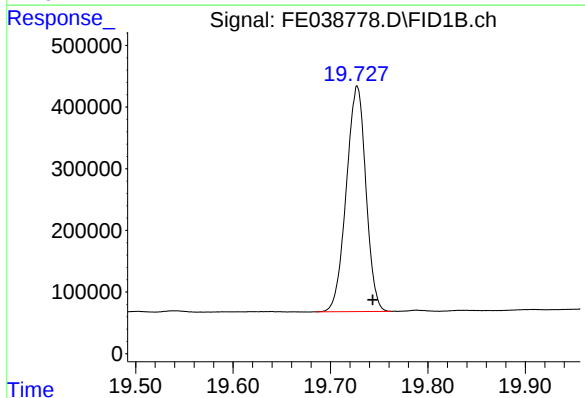
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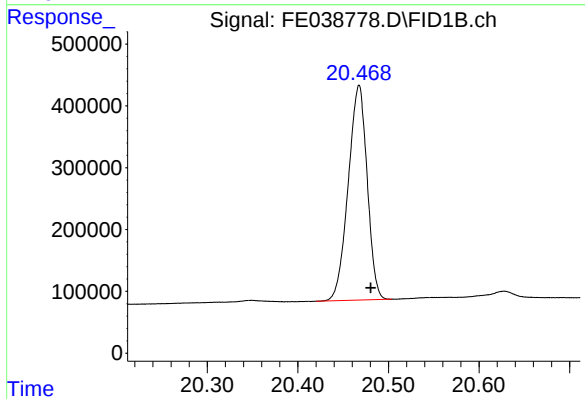
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.018 min
Response: 5090292
Conc: 32.28 ug/ml



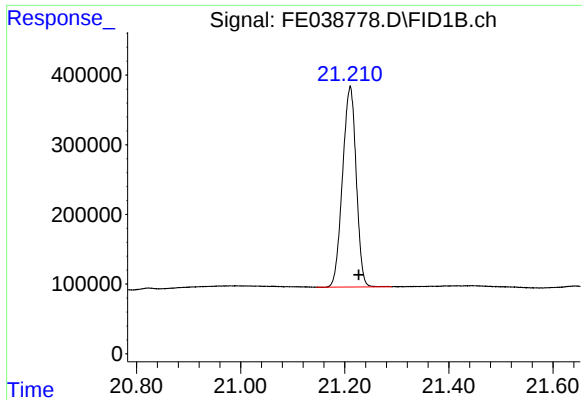
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.017 min
Response: 5110584
Conc: 34.67 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: -0.013 min
Response: 5043013
Conc: 35.29 ug/ml



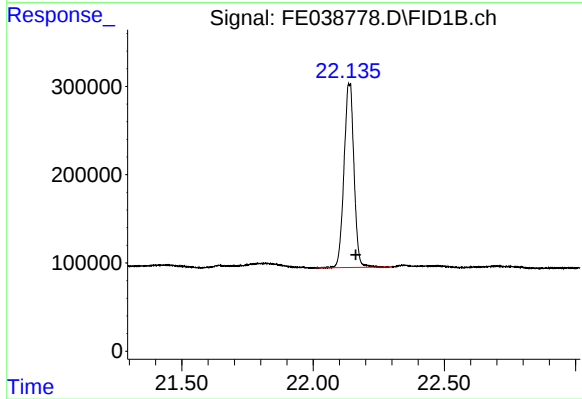
#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.017 min
Response: 5235587
Conc: 38.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: -0.024 min
Response: 5493263
Conc: 43.52 ug/ml