

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111522AL\
 Data File : FE038775.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2022 15:41
 Operator : YP\AJ
 Sample : PB149059BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149059BSD

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 04:01:52 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)	11.965	5967614	34.681 ug/ml
Spiked Amount 50.000		Recovery =	69.36%
12) S 1-chlorooctadecane (S...	13.398	4482119	32.740 ug/ml
Spiked Amount 50.000		Recovery =	65.48%
Target Compounds			
1) T n-Nonane (C9)	3.365	5122386	33.260 ug/ml
2) T n-Decane (C10)	4.648	5542654	35.708 ug/ml
3) T A~Naphthalene (C11.7)	6.312	5980609	35.315 ug/ml
4) T n-Dodecane (C12)	6.770	5654734	36.198 ug/ml
5) T A~2-methylnaphthalene...	7.406	5818136	34.717 ug/ml
6) T n-Tetradecane (C14)	8.596	5602117	35.822 ug/ml
7) T n-Hexadecane (C16)	10.203	5780597	36.589 ug/ml
8) T n-Octadecane (C18)	11.645	5864667	36.613 ug/ml
10) T n-Eicosane (C20)	12.954	5605443	34.789 ug/ml
11) T n-Heneicosane (C21)	13.566	5483630	33.947 ug/ml
13) T n-Docosane (C22)	14.152	5462217	33.834 ug/ml
14) T n-Tetracosane (C24)	15.248	10645826	66.371 ug/ml
15) T n-Hexacosane (C26)	16.276	5251814	33.064 ug/ml
16) T n-Octacosane (C28)	17.224	5260428	33.529 ug/ml
17) T n-Tricontane (C30)	18.112	5118548	32.080 ug/mlm
18) T n-Dotriacontane (C32)	18.944	5233716	33.194 ug/ml
19) T n-Tetratriacontane (C34)	19.727	5331753	36.166 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	5291983	37.037 ug/ml
21) T n-Octatriacontane (C38)	21.209	5488217	40.634 ug/mlm
22) T n-Tetracontane (C40)	22.138	5642902	44.703 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB149059BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

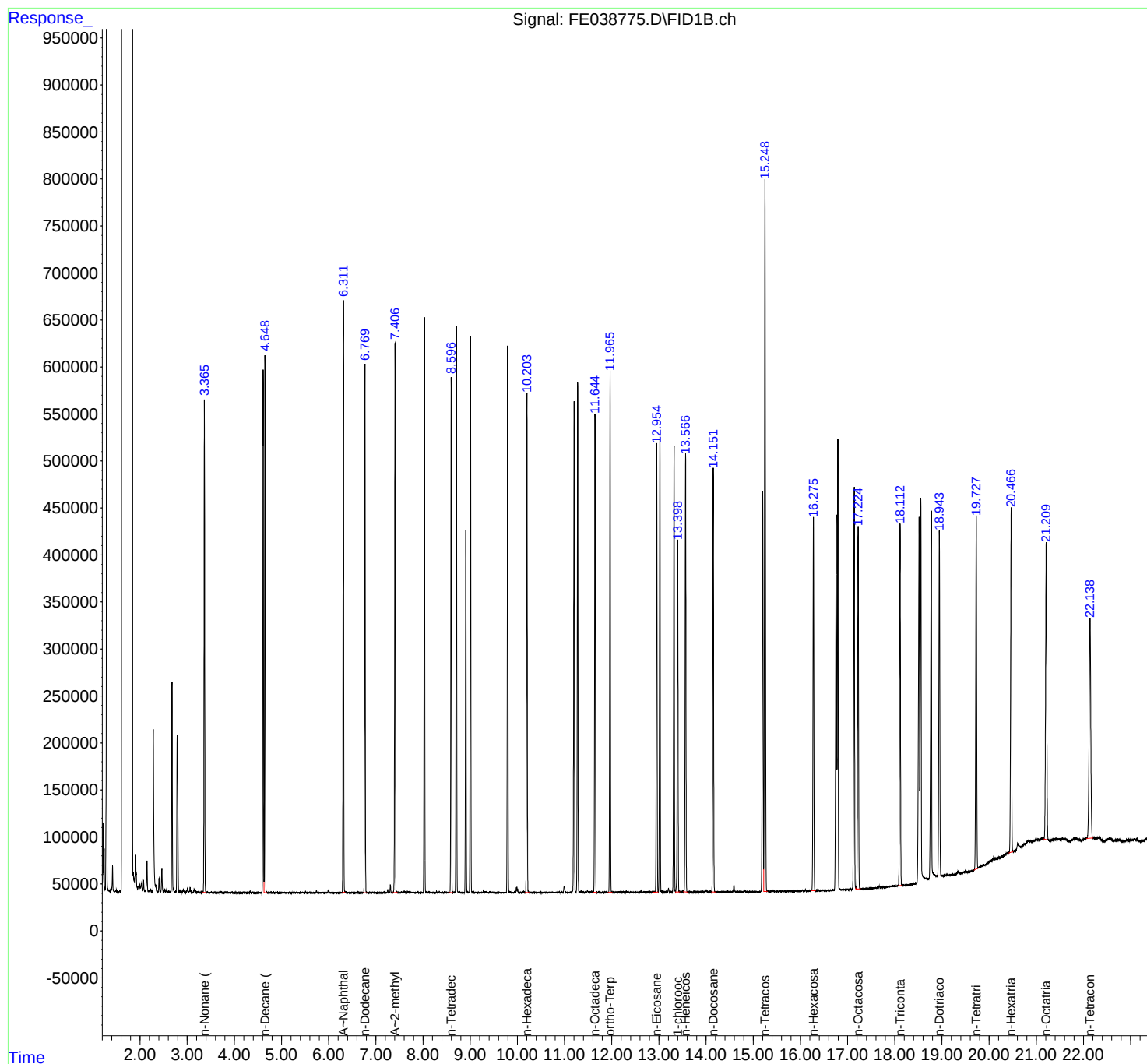
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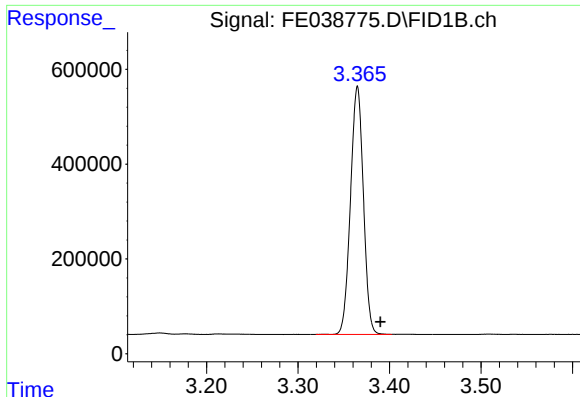
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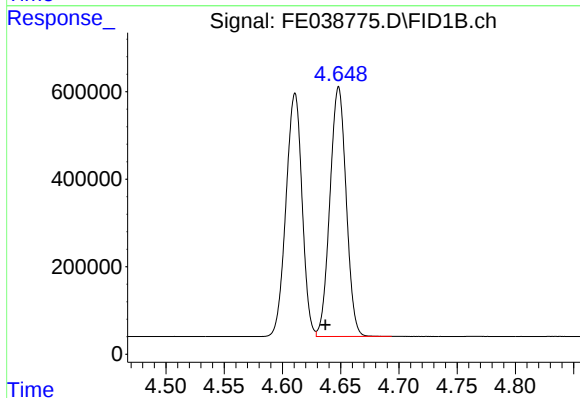
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: -0.025 min
Response: 5122386
Conc: 33.26 ug/ml

Instrument :
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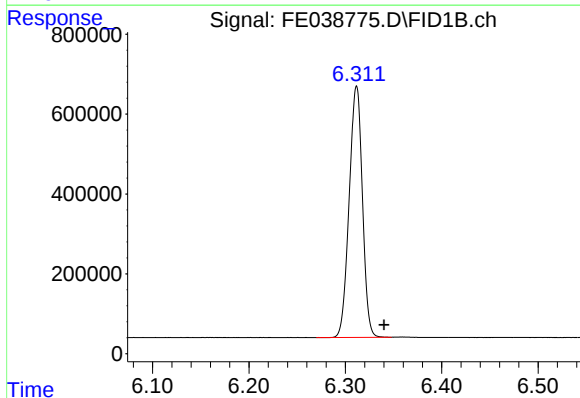
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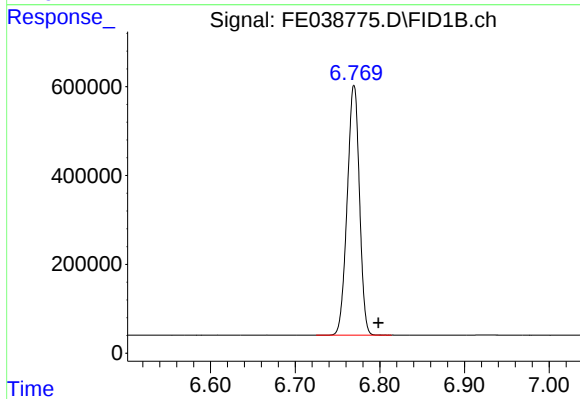
#2 n-Decane (C10)

R.T.: 4.648 min
Delta R.T.: 0.012 min
Response: 5542654
Conc: 35.71 ug/ml



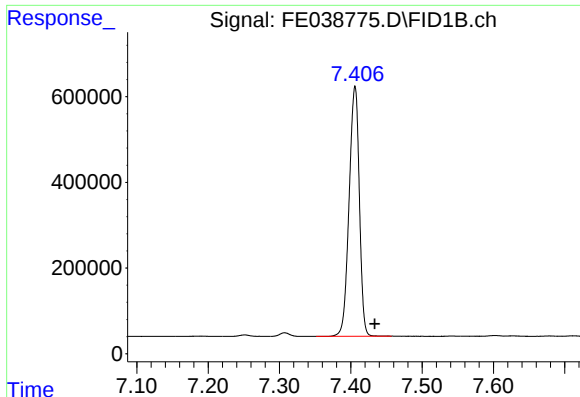
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: -0.028 min
Response: 5980609
Conc: 35.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.029 min
Response: 5654734
Conc: 36.20 ug/ml



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

R.T.: 7.406 min
Delta R.T.: -0.027 min
Response: 5818136
Conc: 34.72 ug/ml

Instrument :

FID_E

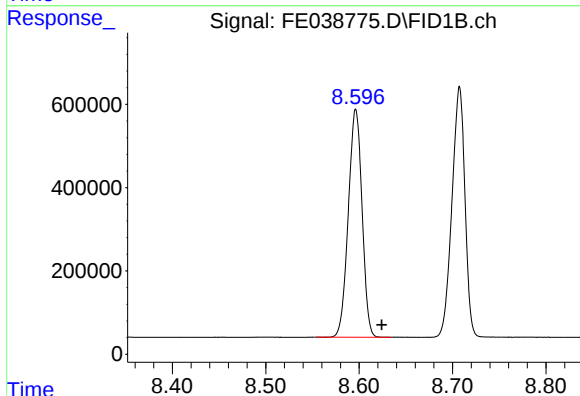
ClientSampleId :

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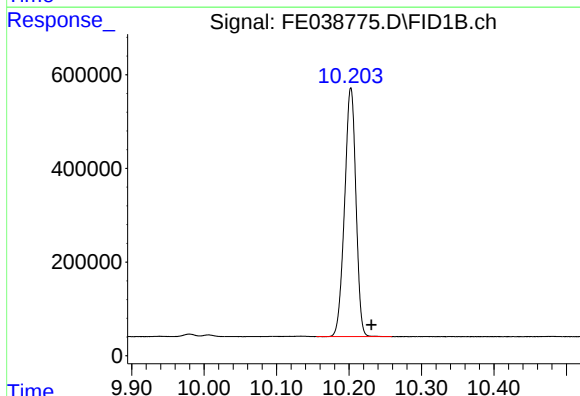
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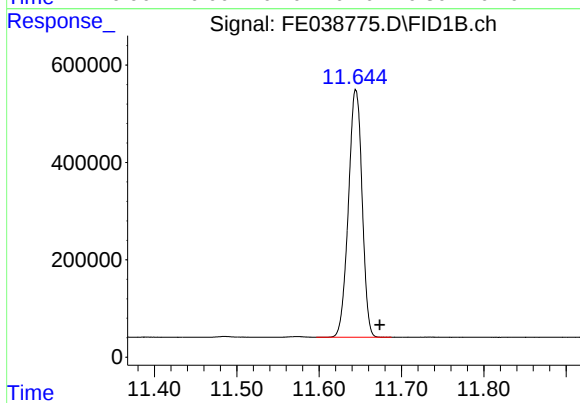
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.028 min
Response: 5602117
Conc: 35.82 ug/ml



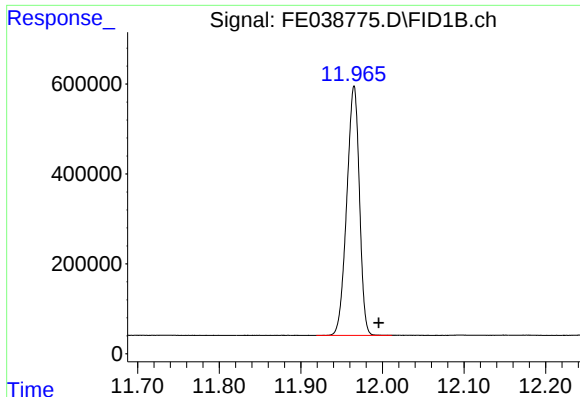
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.028 min
Response: 5780597
Conc: 36.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.029 min
Response: 5864667
Conc: 36.61 ug/ml



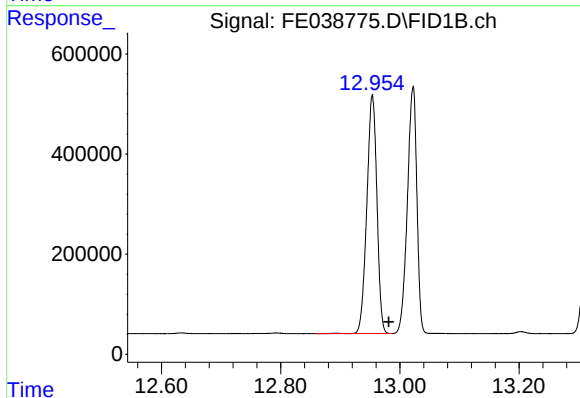
#9 ortho-Terphenyl (SURR)

R.T.: 11.965 min
Delta R.T.: -0.030 min
Response: 5967614
Conc: 34.68 ug/ml

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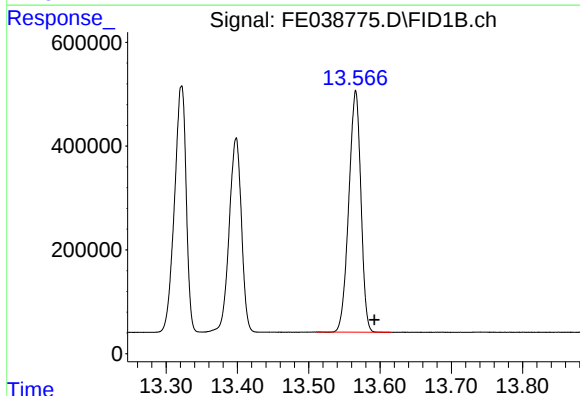
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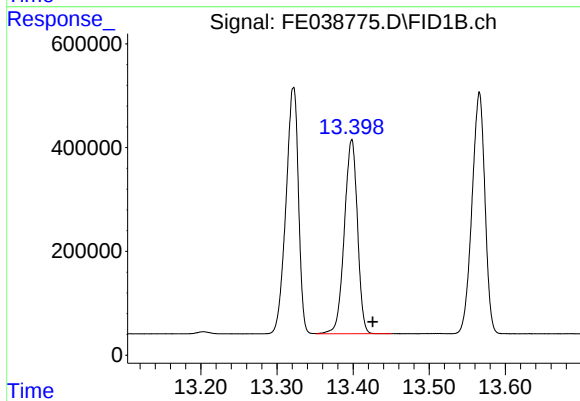
#10 n-Eicosane (C20)

R.T.: 12.954 min
Delta R.T.: -0.027 min
Response: 5605443
Conc: 34.79 ug/ml



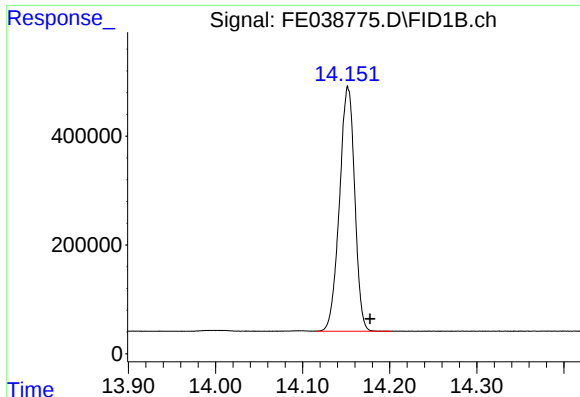
#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: -0.026 min
Response: 5483630
Conc: 33.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.398 min
Delta R.T.: -0.027 min
Response: 4482119
Conc: 32.74 ug/ml



#13 n-Docosane (C22)

R.T.: 14.152 min
Delta R.T.: -0.025 min
Response: 5462217
Conc: 33.83 ug/ml

Instrument :

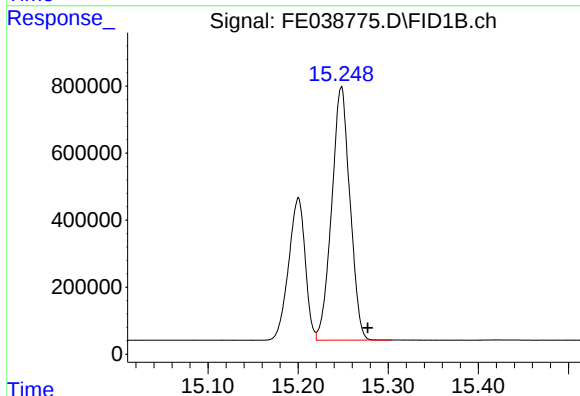
FID_E

ClientSampleId :

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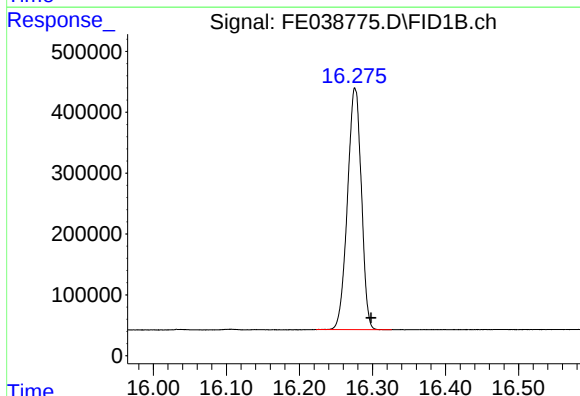
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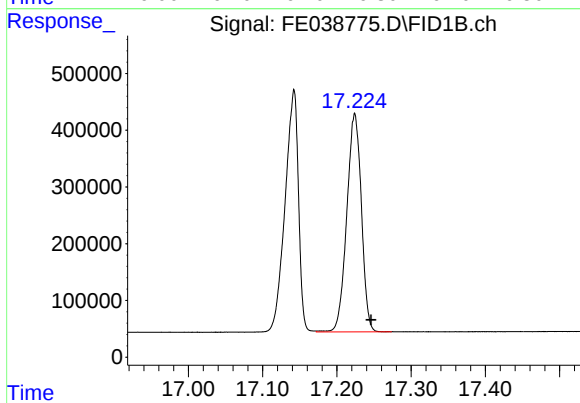
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.029 min
Response: 10645826
Conc: 66.37 ug/ml



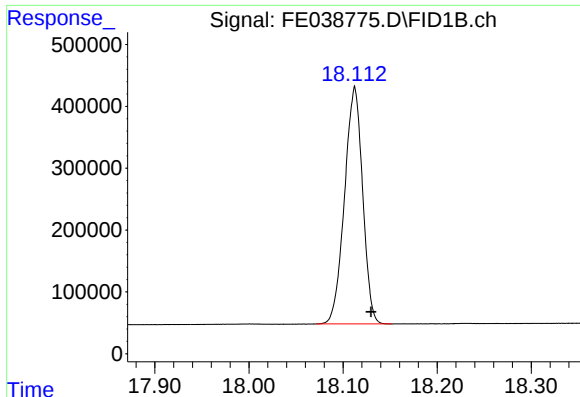
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.022 min
Response: 5251814
Conc: 33.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.022 min
Response: 5260428
Conc: 33.53 ug/ml



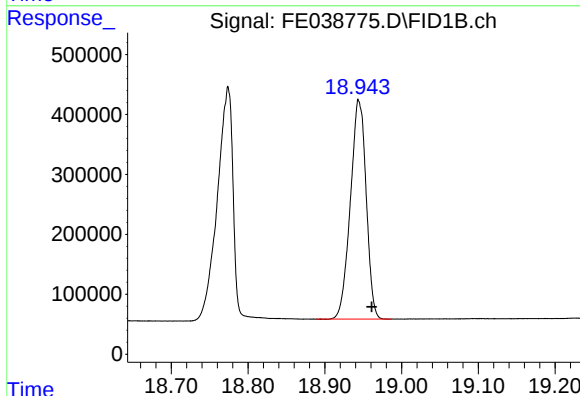
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.018 min
Response: 5118548
Conc: 32.08 ug/ml

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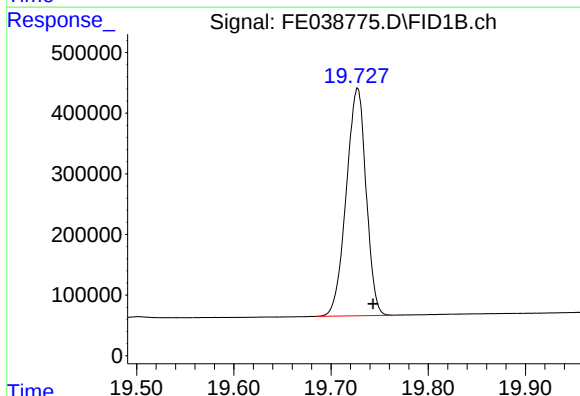
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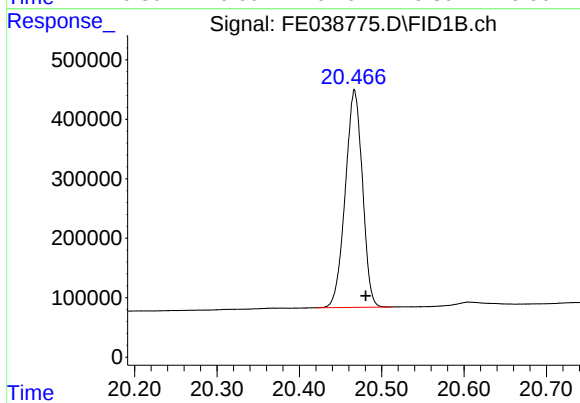
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.017 min
Response: 5233716
Conc: 33.19 ug/ml



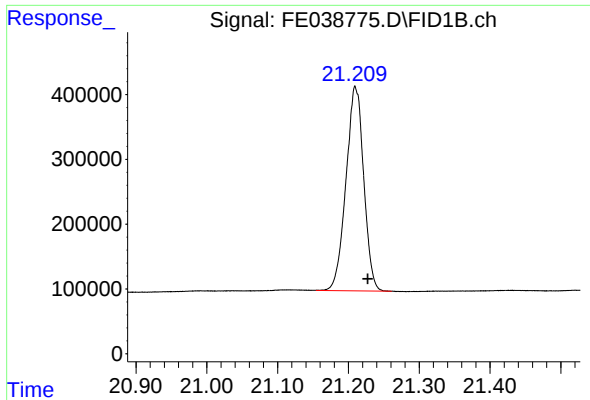
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.017 min
Response: 5331753
Conc: 36.17 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.014 min
Response: 5291983
Conc: 37.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.018 min
Response: 5488217
Conc: 40.63 ug/ml

Instrument :

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ClientSampleId :

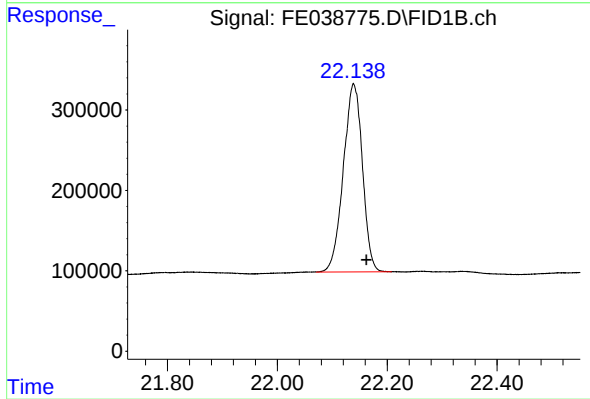
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#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: -0.024 min
Response: 5642902
Conc: 44.70 ug/ml m