

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111522AL\
 Data File : FE038779.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2022 17:44
 Operator : YP\AJ
 Sample : N5608-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 NP-1MSD

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 04:02:57 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	5681656	33.019 ug/ml
Spiked Amount 50.000		Recovery =	66.04%
12) S 1-chlorooctadecane (S...	13.397	4161300	30.396 ug/ml
Spiked Amount 50.000		Recovery =	60.79%
Target Compounds			
1) T n-Nonane (C9)	3.356	3826198	24.843 ug/ml
2) T n-Decane (C10)	4.644	4408655	28.402 ug/ml
3) T A~Naphthalene (C11.7)	6.310	4890854	28.880 ug/ml
4) T n-Dodecane (C12)	6.769	4580597	29.322 ug/ml
5) T A~2-methylnaphthalene...	7.405	4850123	28.941 ug/ml
6) T n-Tetradecane (C14)	8.596	4752454	30.389 ug/ml
7) T n-Hexadecane (C16)	10.201	5199492	32.910 ug/ml
8) T n-Octadecane (C18)	11.644	5503175	34.356 ug/ml
10) T n-Eicosane (C20)	12.953	5336000	33.117 ug/ml
11) T n-Heneicosane (C21)	13.563	5244584	32.467 ug/ml
13) T n-Docosane (C22)	14.150	5250604	32.523 ug/ml
14) T n-Tetracosane (C24)	15.246	10269311	64.024 ug/ml
15) T n-Hexacosane (C26)	16.275	5099370	32.105 ug/ml
16) T n-Octacosane (C28)	17.222	5128506	32.688 ug/ml
17) T n-Tricontane (C30)	18.112	4977503	31.196 ug/mlm
18) T n-Dotriacontane (C32)	18.944	5077842	32.206 ug/ml
19) T n-Tetratriacontane (C34)	19.725	5120709	34.734 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	5090208	35.625 ug/ml
21) T n-Octatriacontane (C38)	21.212	5226803	38.699 ug/ml
22) T n-Tetracontane (C40)	22.139	5354278	42.417 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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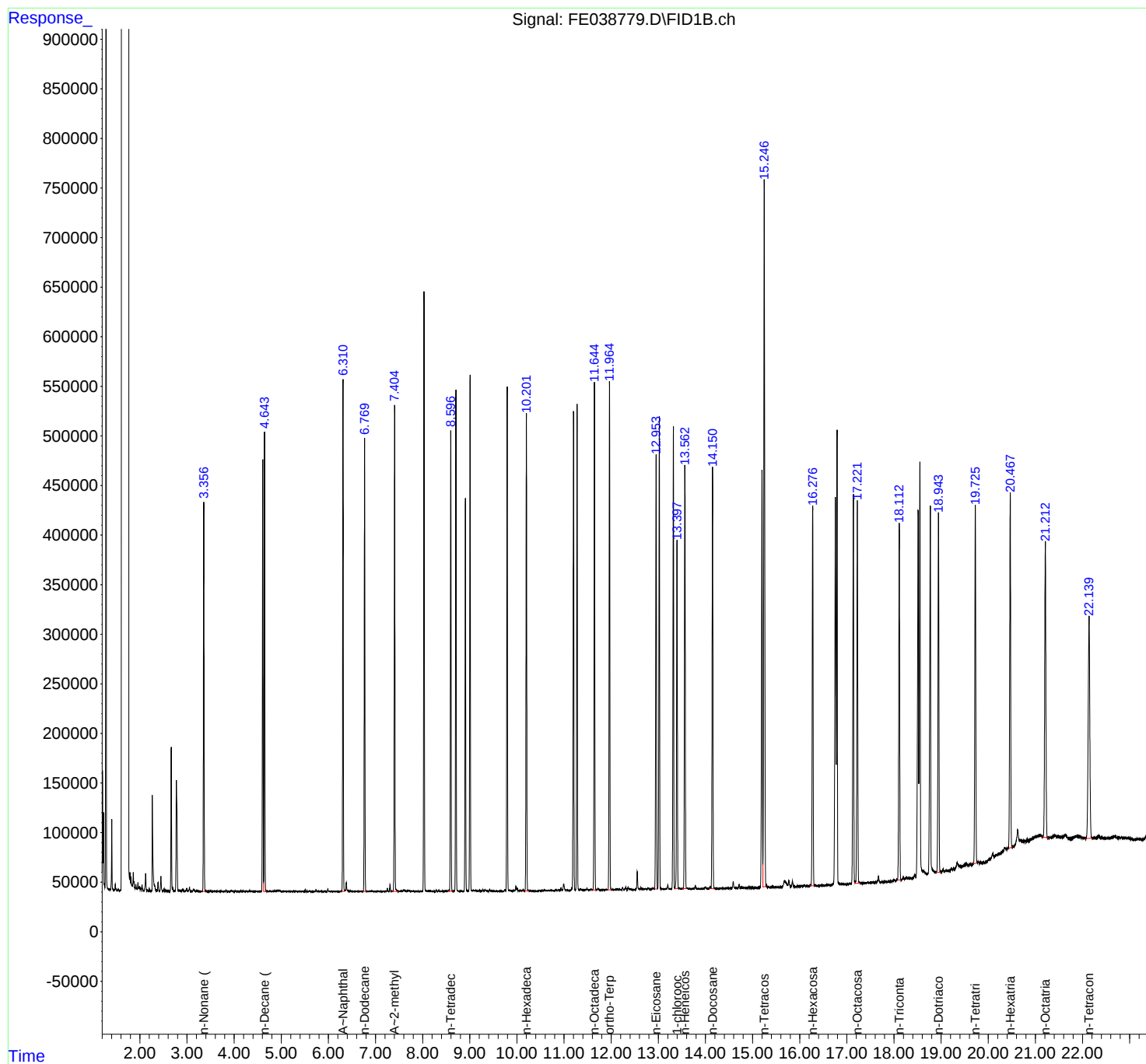
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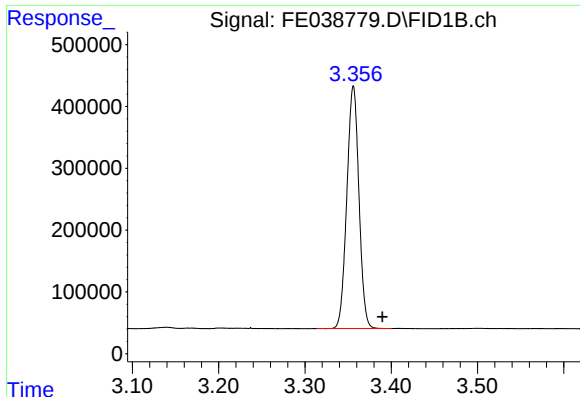
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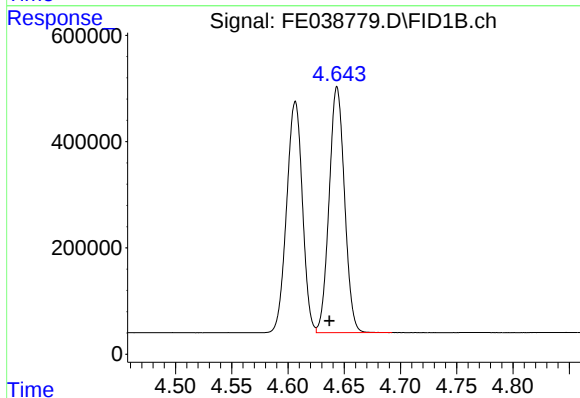
#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: -0.034 min
Response: 3826198
Conc: 24.84 ug/ml

Instrument :
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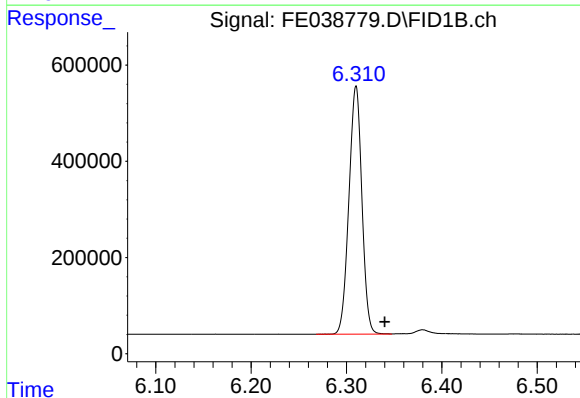
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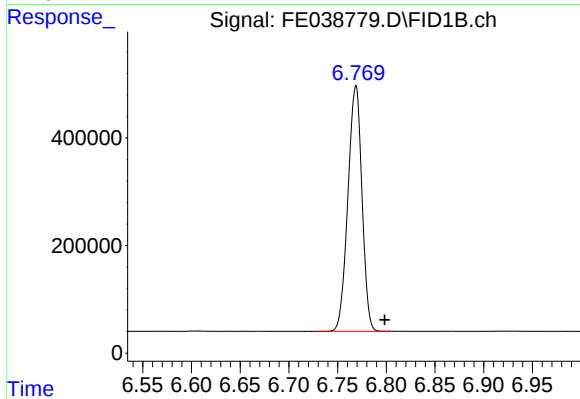
#2 n-Decane (C10)

R.T.: 4.644 min
Delta R.T.: 0.007 min
Response: 4408655
Conc: 28.40 ug/ml



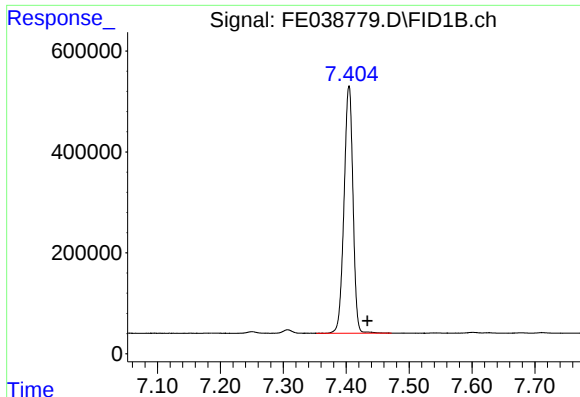
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: -0.030 min
Response: 4890854
Conc: 28.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.769 min
Delta R.T.: -0.030 min
Response: 4580597
Conc: 29.32 ug/ml



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

R.T.: 7.405 min
Delta R.T.: -0.029 min
Response: 4850123
Conc: 28.94 ug/ml

Instrument :

FID_E

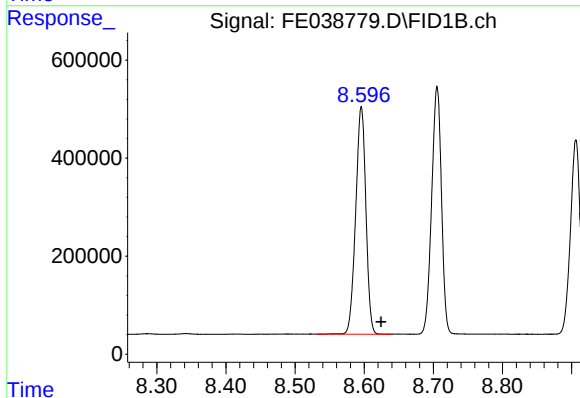
ClientSampleId :

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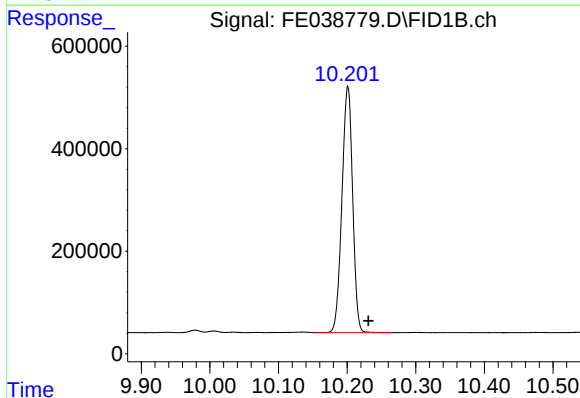
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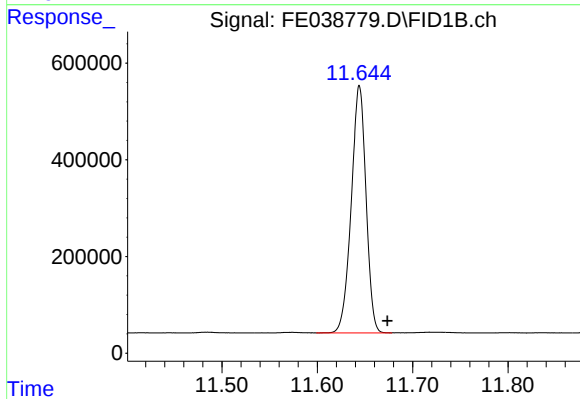
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.029 min
Response: 4752454
Conc: 30.39 ug/ml



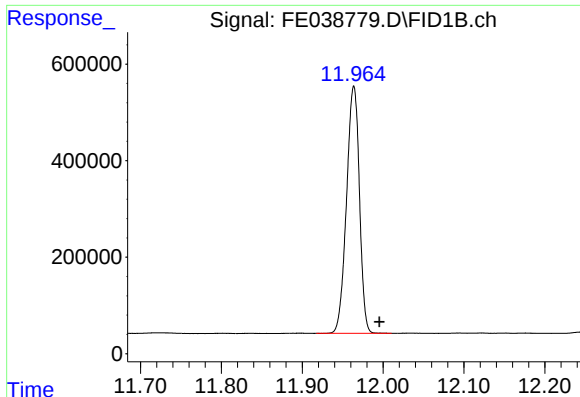
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.030 min
Response: 5199492
Conc: 32.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: -0.029 min
Response: 5503175
Conc: 34.36 ug/ml



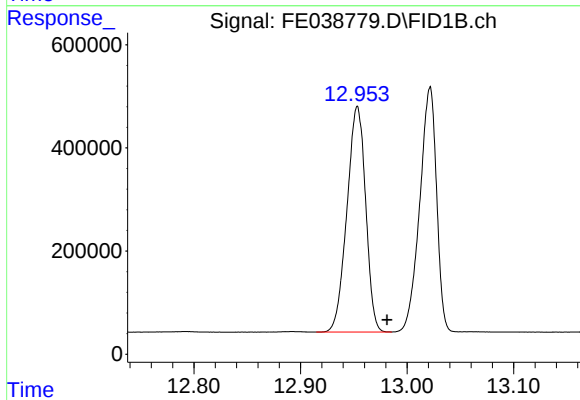
#9 ortho-Terphenyl (SURR)

R.T.: 11.964 min
Delta R.T.: -0.032 min
Response: 5681656
Conc: 33.02 ug/ml

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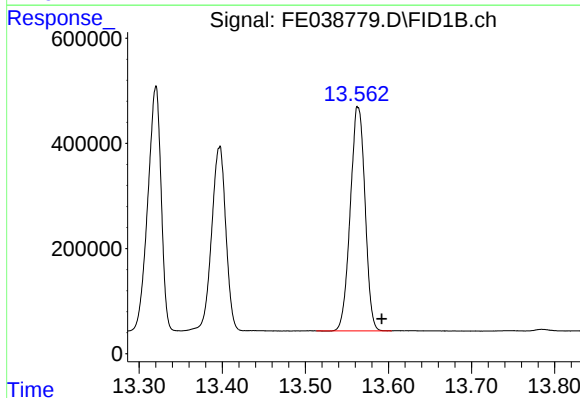
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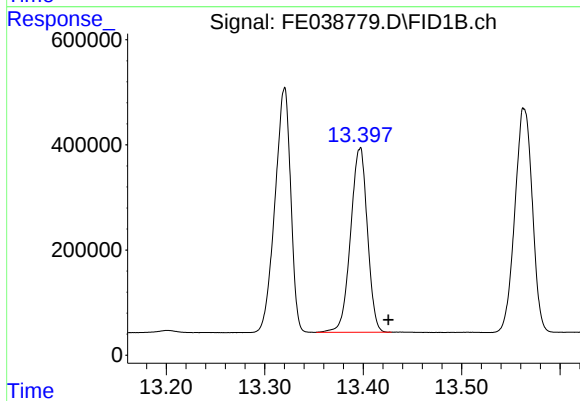
#10 n-Eicosane (C20)

R.T.: 12.953 min
Delta R.T.: -0.028 min
Response: 5336000
Conc: 33.12 ug/ml



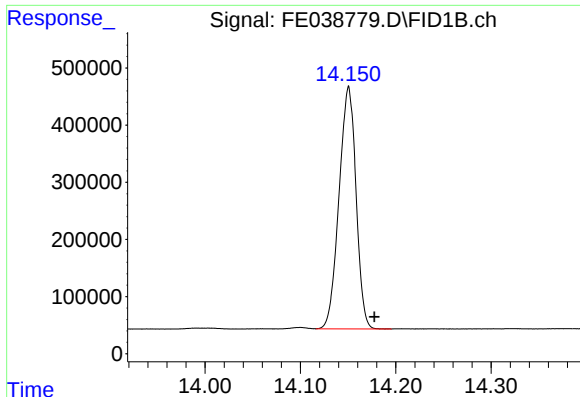
#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.029 min
Response: 5244584
Conc: 32.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min
Delta R.T.: -0.029 min
Response: 4161300
Conc: 30.40 ug/ml



#13 n-Docosane (C22)

R.T.: 14.150 min
Delta R.T.: -0.027 min
Response: 5250604
Conc: 32.52 ug/ml

Instrument :

FID_E

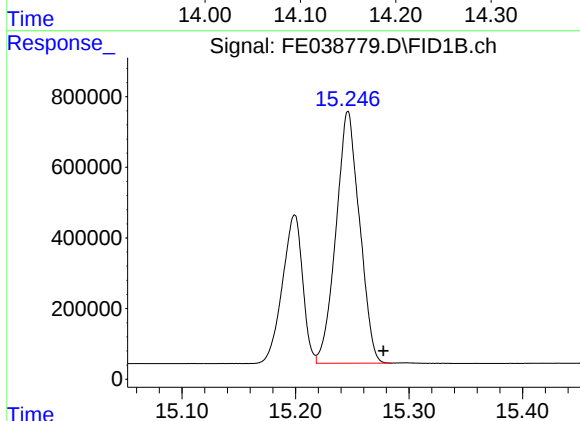
ClientSampleId :

NP-1MSD

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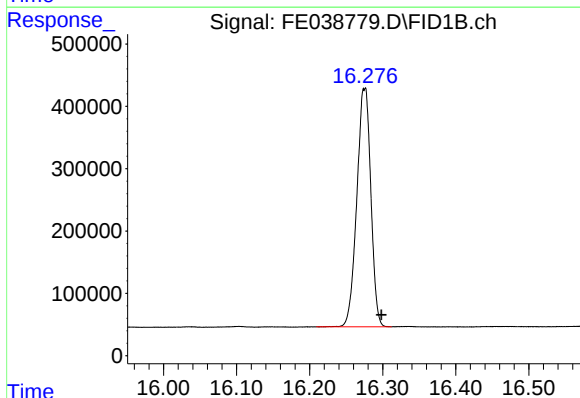
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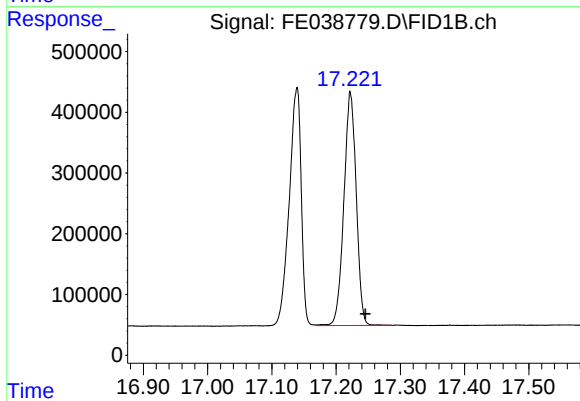
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.031 min
Response: 10269311
Conc: 64.02 ug/ml



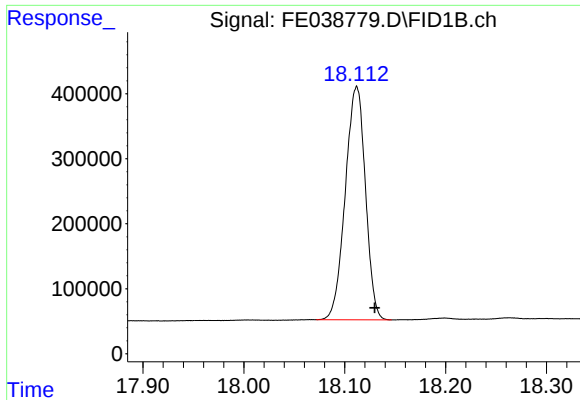
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.023 min
Response: 5099370
Conc: 32.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.222 min
Delta R.T.: -0.023 min
Response: 5128506
Conc: 32.69 ug/ml



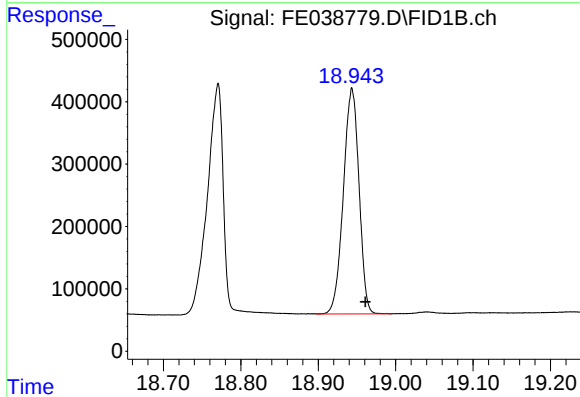
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.018 min
Response: 4977503
Conc: 31.20 ug/ml

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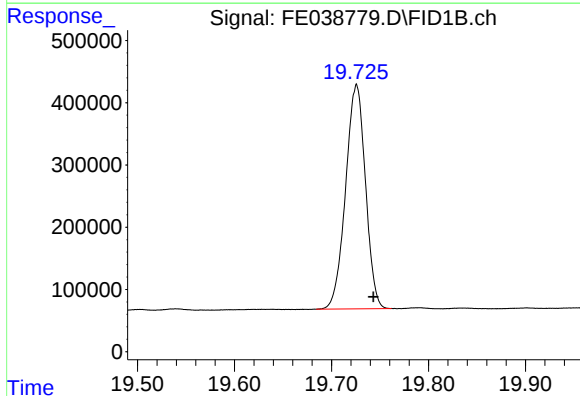
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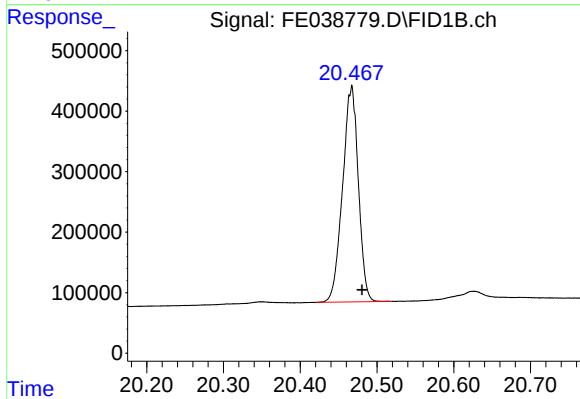
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.018 min
Response: 5077842
Conc: 32.21 ug/ml



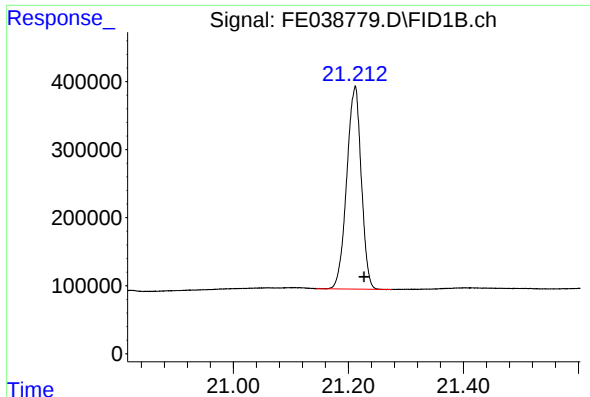
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.018 min
Response: 5120709
Conc: 34.73 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.014 min
Response: 5090208
Conc: 35.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.015 min
Response: 5226803
Conc: 38.70 ug/ml

Instrument :

FID_E

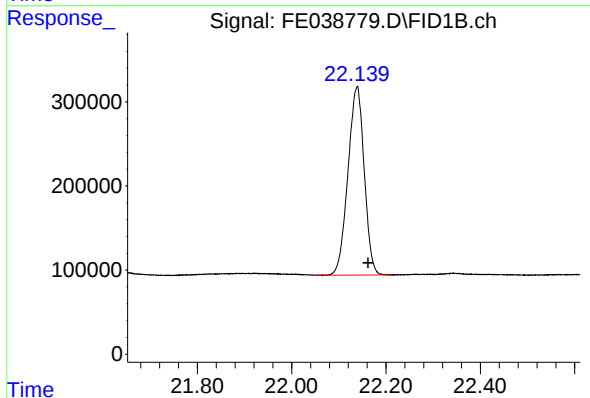
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#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: -0.023 min
Response: 5354278
Conc: 42.42 ug/ml