

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062422AL\
 Data File : FE036219.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2022 10:01
 Operator : YP\AJ
 Sample : N3478-02MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RO-364MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2022
 Supervised By :Ankita Jodhani 06/27/2022

Integration File: autoint1.e
 Quant Time: Jun 25 11:15:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.874	9316173	46.629 ug/ml
Spiked Amount 50.000		Recovery =	93.26%
12) S 1-chlorooctadecane (S...	13.312	7407907	47.849 ug/ml
Spiked Amount 50.000		Recovery =	95.70%
Target Compounds			
1) T n-Nonane (C9)	3.266	5237221	29.118 ug/ml
2) T n-Decane (C10)	4.521	6730667	37.443 ug/ml
3) T A~Naphthalene (C11.7)	6.218	9278115	46.243 ug/ml
4) T n-Dodecane (C12)	6.687	8619887	46.538 ug/ml
5) T A~2-methylnaphthalene...	7.315	10059470	49.415 ug/ml
6) T n-Tetradecane (C14)	8.516	10023353	53.614 ug/ml
7) T n-Hexadecane (C16)	10.120	11302794	60.355 ug/ml
8) T n-Octadecane (C18)	11.564	12109244	65.088 ug/ml
10) T n-Eicosane (C20)	12.872	11615876	64.119 ug/ml
11) T n-Heneicosane (C21)	13.483	11401788	63.474 ug/ml
13) T n-Docosane (C22)	14.069	11215491	63.436 ug/ml
14) T n-Tetracosane (C24)	15.170	9072105	52.968 ug/ml
15) T n-Hexacosane (C26)	16.193	10538171	63.782 ug/ml
16) T n-Octacosane (C28)	17.141	10108396	63.148 ug/ml
17) T n-Tricontane (C30)	18.030	9858367	63.676 ug/ml
18) T n-Dotriacontane (C32)	18.860	10075032	68.943 ug/ml
19) T n-Tetratriacontane (C34)	19.641	9517638	68.778 ug/mlm
20) T n-Hexatriacontane (C36)	20.382	8862975	66.020 ug/ml
21) T n-Octatriacontane (C38)	21.108	8545226	64.255 ug/mlm
22) T n-Tetracontane (C40)	22.006	8962193	64.095 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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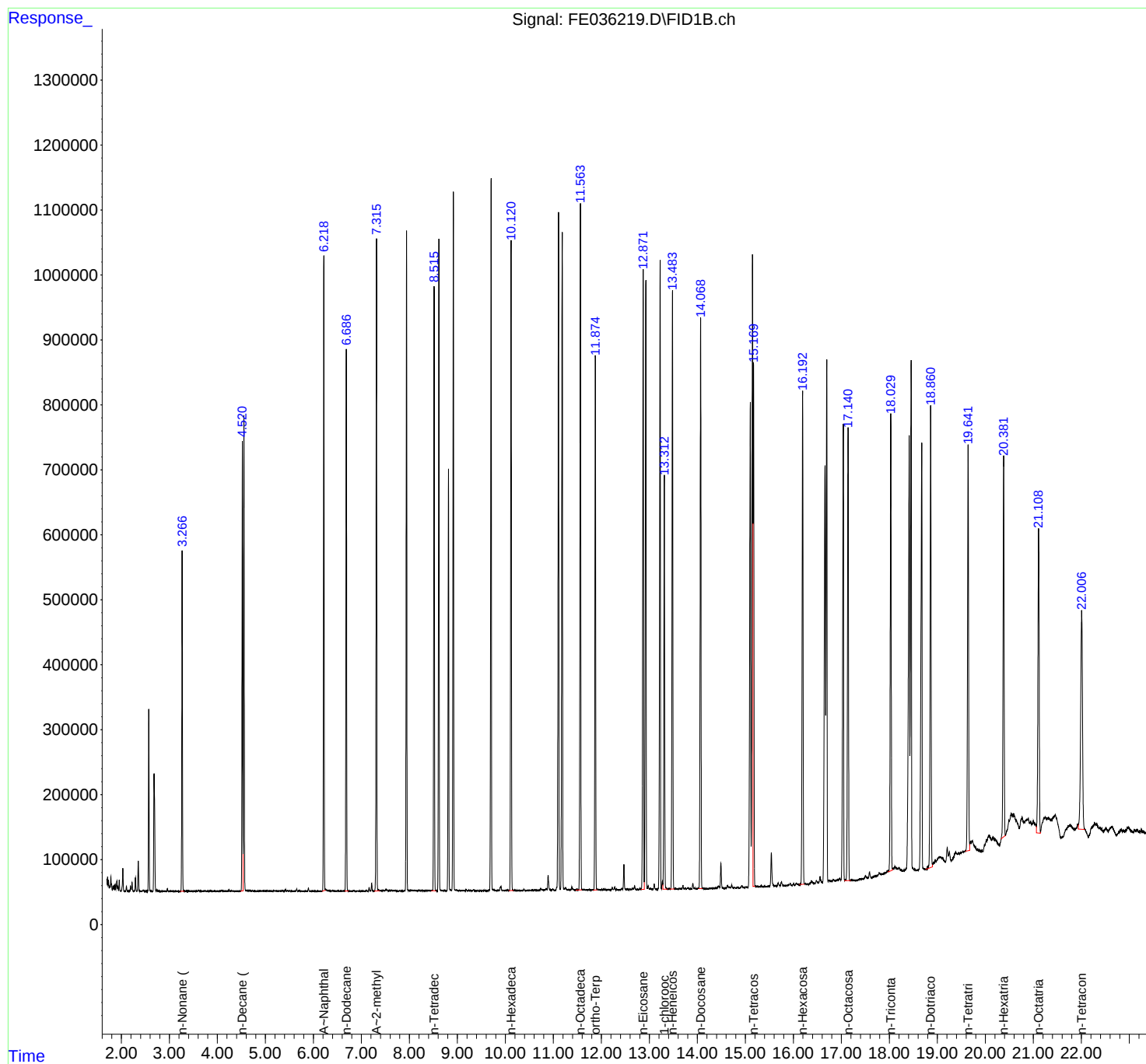
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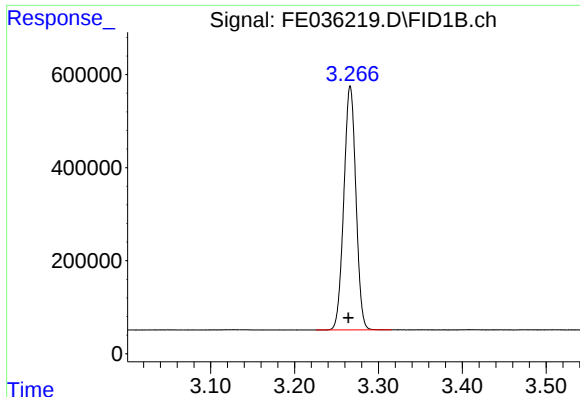
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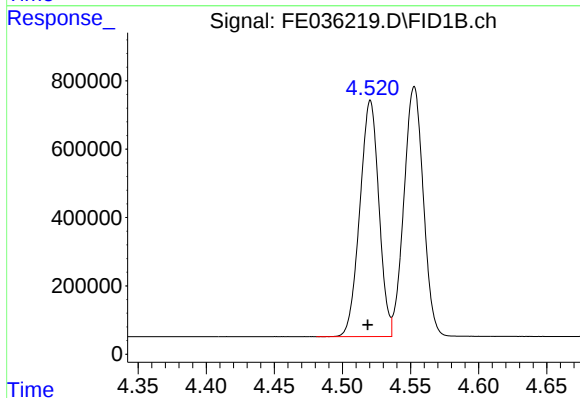
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.002 min
Response: 5237221
Conc: 29.12 ug/ml

Instrument :
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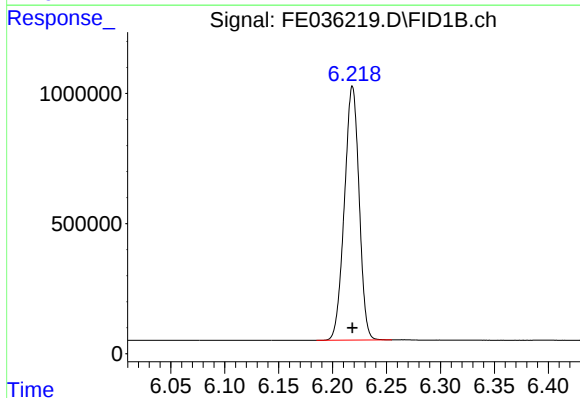
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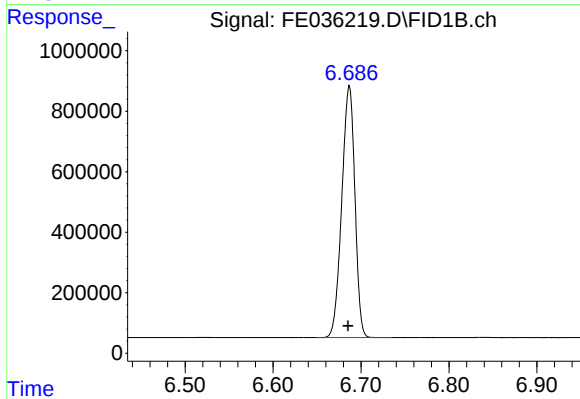
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 6730667
Conc: 37.44 ug/ml



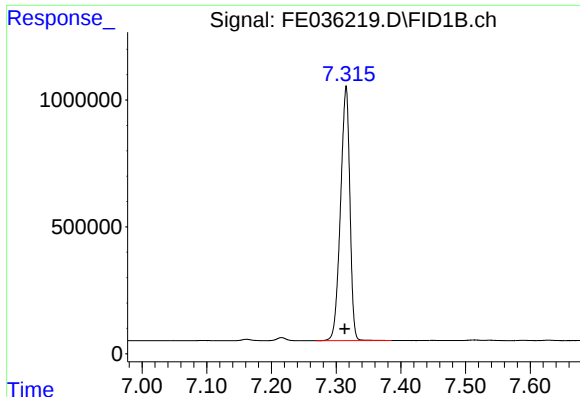
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 9278115
Conc: 46.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.002 min
Response: 8619887
Conc: 46.54 ug/ml



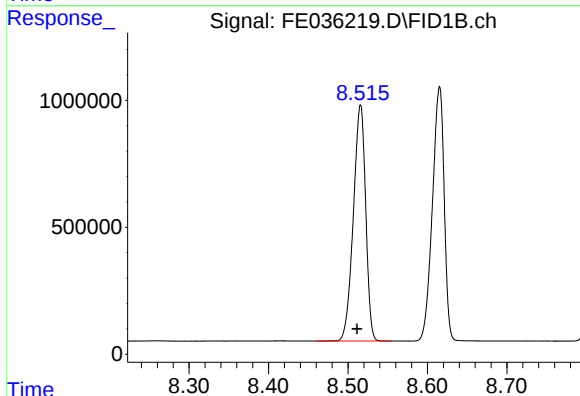
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.315 min
Delta R.T.: 0.002 min
Response: 10059470
Conc: 49.41 ug/ml

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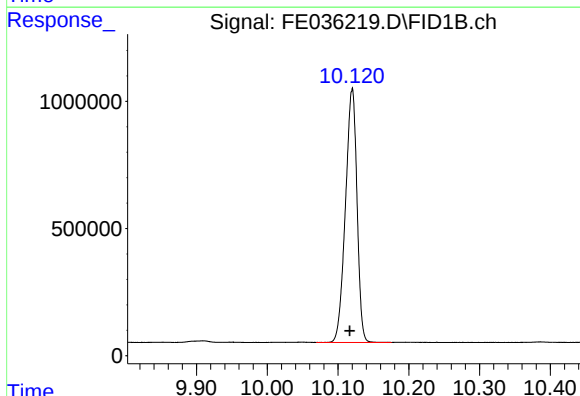
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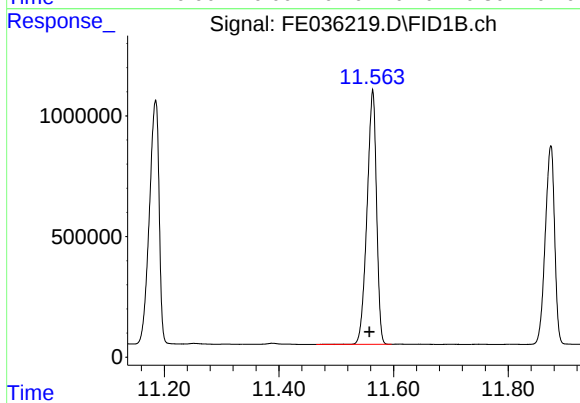
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.005 min
Response: 10023353
Conc: 53.61 ug/ml



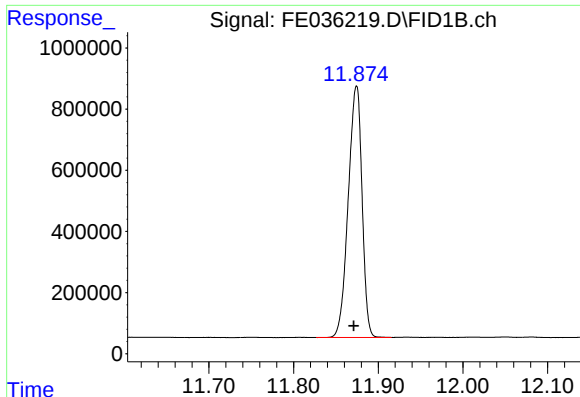
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: 0.004 min
Response: 11302794
Conc: 60.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.564 min
Delta R.T.: 0.006 min
Response: 12109244
Conc: 65.09 ug/ml



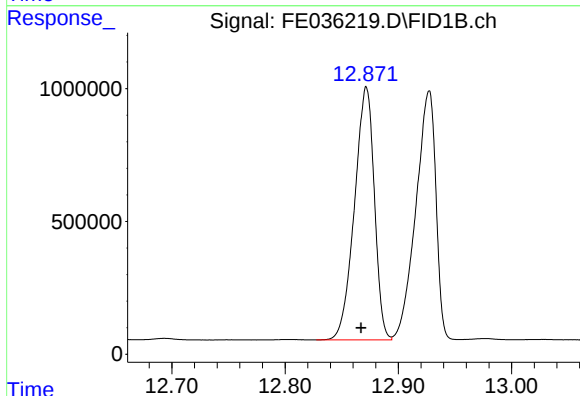
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: 0.003 min
Response: 9316173
Conc: 46.63 ug/ml

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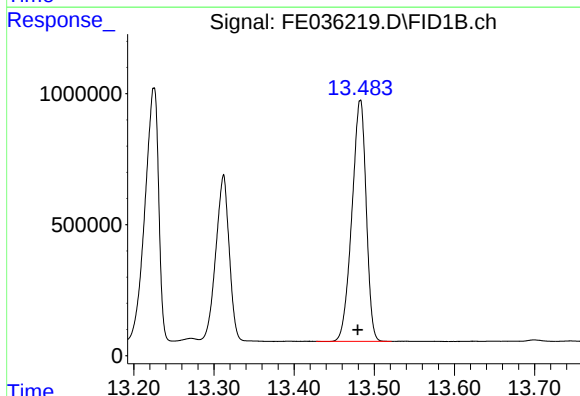
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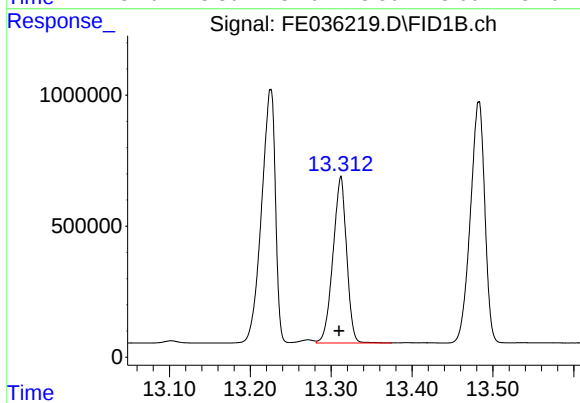
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: 0.005 min
Response: 11615876
Conc: 64.12 ug/ml



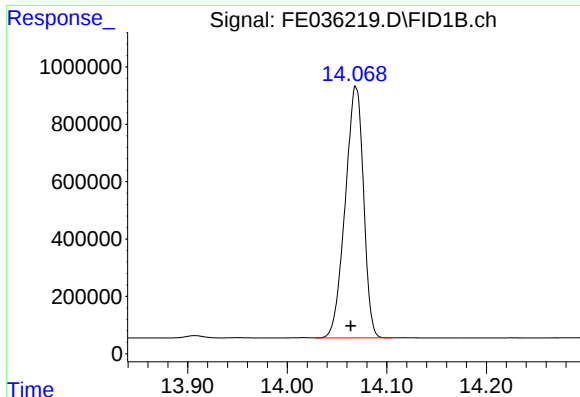
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: 0.003 min
Response: 11401788
Conc: 63.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: 0.002 min
Response: 7407907
Conc: 47.85 ug/ml



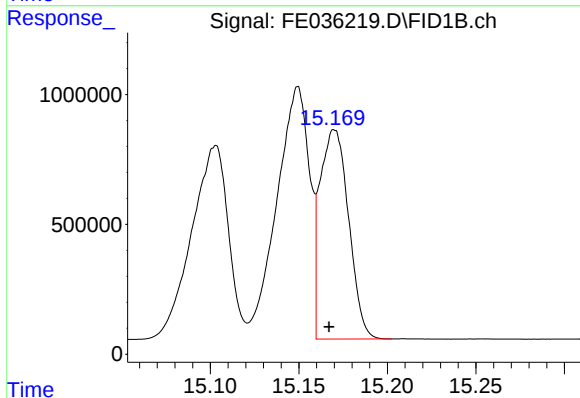
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: 0.005 min
Response: 11215491
Conc: 63.44 ug/ml

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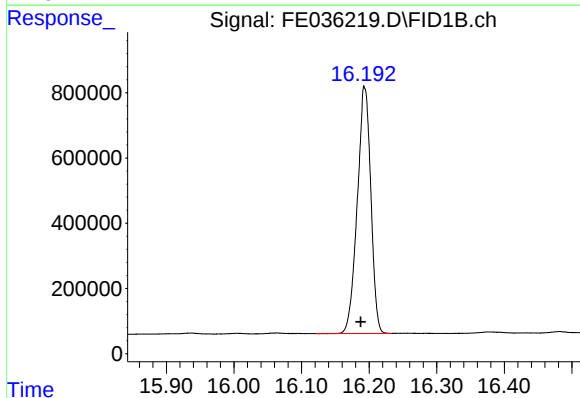
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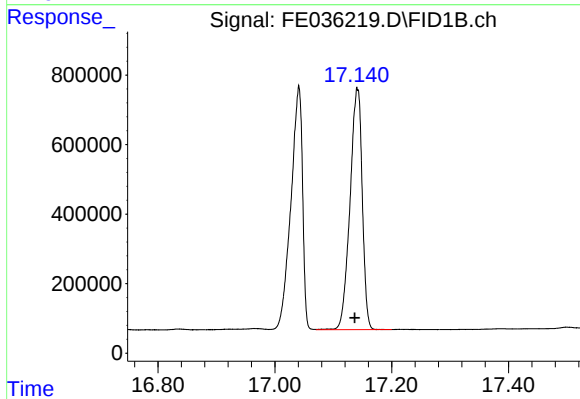
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: 0.003 min
Response: 9072105
Conc: 52.97 ug/ml



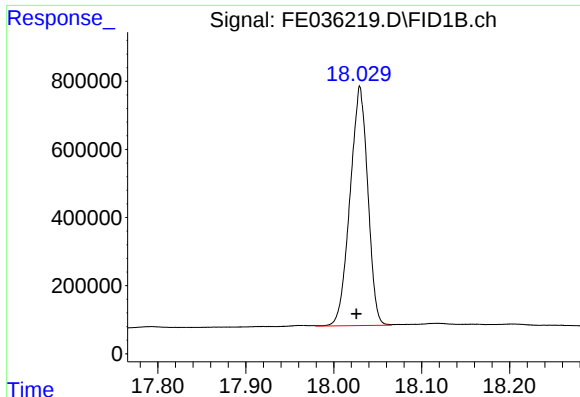
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: 0.006 min
Response: 10538171
Conc: 63.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: 0.005 min
Response: 10108396
Conc: 63.15 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: 0.004 min
Response: 9858367
Conc: 63.68 ug/ml

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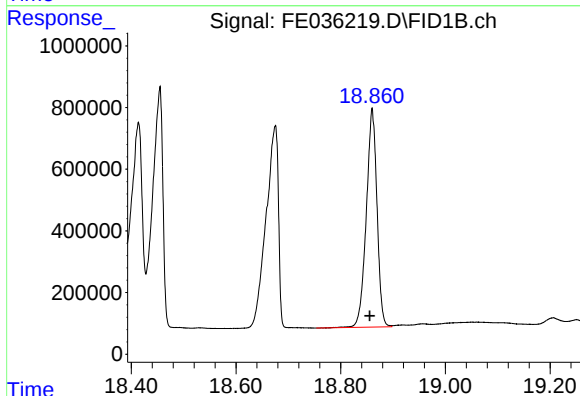
ClientSampleId :

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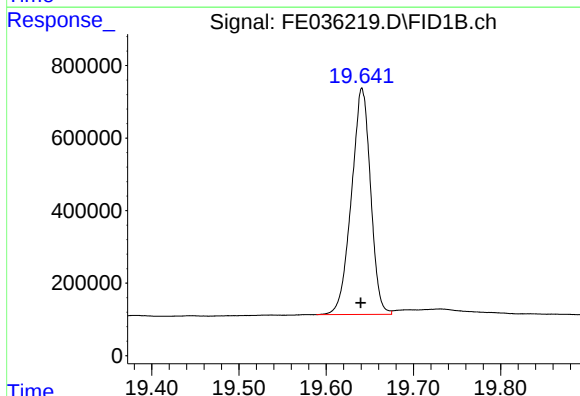
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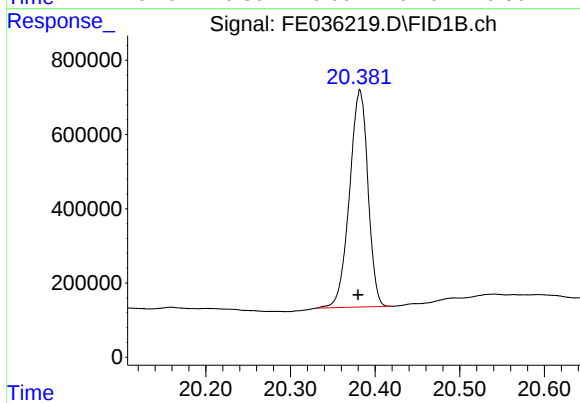
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: 0.005 min
Response: 10075032
Conc: 68.94 ug/ml



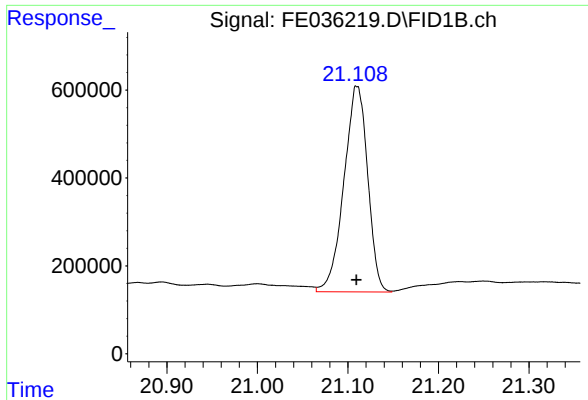
#19 n-Tetratriacontane (C34)

R.T.: 19.641 min
Delta R.T.: 0.001 min
Response: 9517638
Conc: 68.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: 0.002 min
Response: 8862975
Conc: 66.02 ug/ml



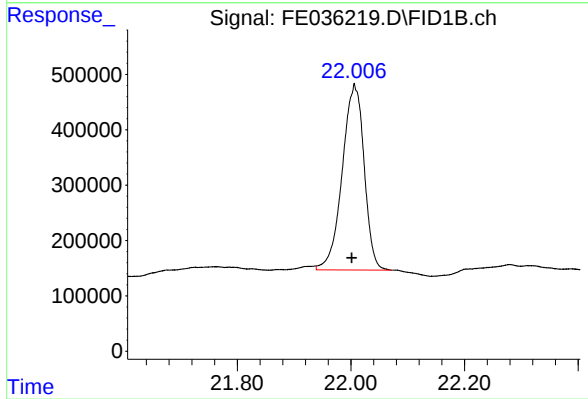
#21 n-Octatriacontane (C38)

R.T.: 21.108 min
Delta R.T.: -0.001 min
Response: 8545226
Conc: 64.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: 0.004 min
Response: 8962193
Conc: 64.10 ug/ml m