

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120424AL\
 Data File : FE051528.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2024 14:10
 Operator : YP\AJ
 Sample : PB165355BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB165355BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2024
 Supervised By :Ankita Jodhani 12/05/2024

Integration File: autoint1.e
 Quant Time: Dec 05 00:10:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 2024
 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)	11.830	5855872	38.751 ug/ml
Spiked Amount 50.000		Recovery =	77.50%
12) S 1-chlorooctadecane (S...	13.263	5152085	46.103 ug/ml
Spiked Amount 50.000		Recovery =	92.21%
Target Compounds			
1) T n-Nonane (C9)	3.232	5854061	41.770 ug/ml
2) T n-Decane (C10)	4.475	6053028	42.685 ug/ml
3) T A~Naphthalene (C11.7)	6.183	6193545	46.852 ug/ml
4) T n-Dodecane (C12)	6.637	6214620	43.660 ug/ml
5) T A~2-methylnaphthalene...	7.278	5618504	46.835 ug/ml
6) T n-Tetradecane (C14)	8.464	6231652	44.704 ug/ml
7) T n-Hexadecane (C16)	10.067	6098029	42.919 ug/ml
8) T n-Octadecane (C18)	11.509	6123151	42.608 ug/ml
10) T n-Eicosane (C20)	12.817	6150779	44.557 ug/ml
11) T n-Heneicosane (C21)	13.427	5897567	43.509 ug/ml
13) T n-Docosane (C22)	14.012	5870687	43.843 ug/ml
14) T n-Tetracosane (C24)	15.115	11140894	84.315 ug/mlm
15) T n-Hexacosane (C26)	16.134	5731175	44.196 ug/ml
16) T n-Octacosane (C28)	17.081	6816856	53.468 ug/ml
17) T n-Tricontane (C30)	17.969	5714750	44.135 ug/ml
18) T n-Dotriacontane (C32)	18.800	5687566	45.432 ug/mlm
19) T n-Tetratriacontane (C34)	19.582	4820529	42.682 ug/ml
20) T n-Hexatriacontane (C36)	20.321	3770857	39.155 ug/ml
21) T n-Octatriacontane (C38)	21.040	3012715	33.090 ug/ml
22) T n-Tetracontane (C40)	21.914	2463880	28.115 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB165355BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

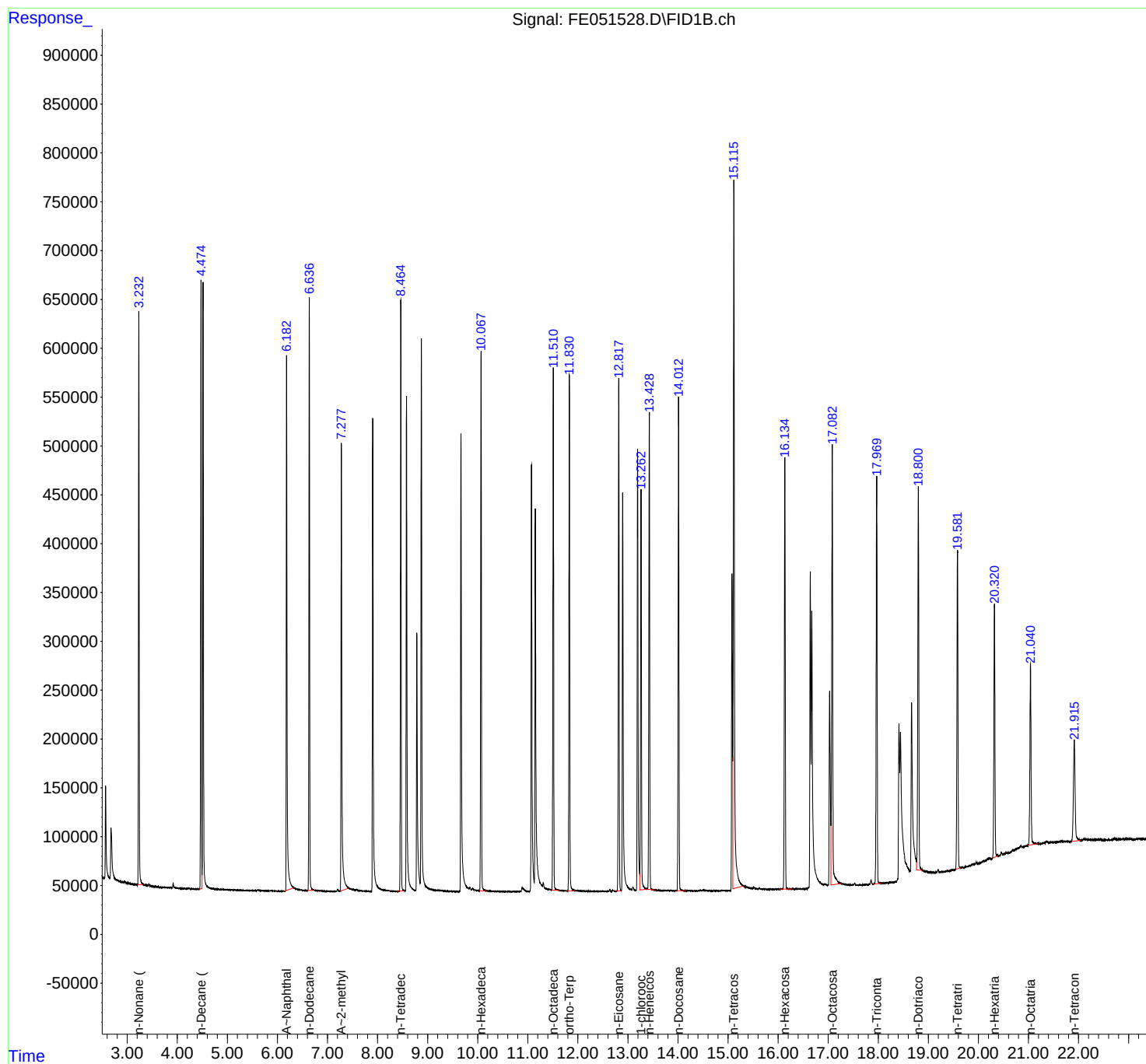
Instrument :
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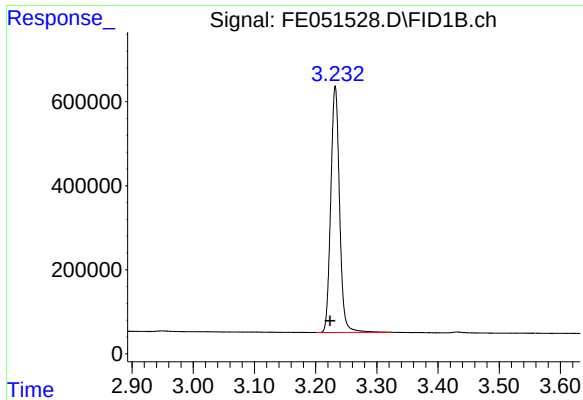
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.232 min
Delta R.T.: 0.008 min
Response: 5854061
Conc: 41.77 ug/ml

Instrument :

FID_E

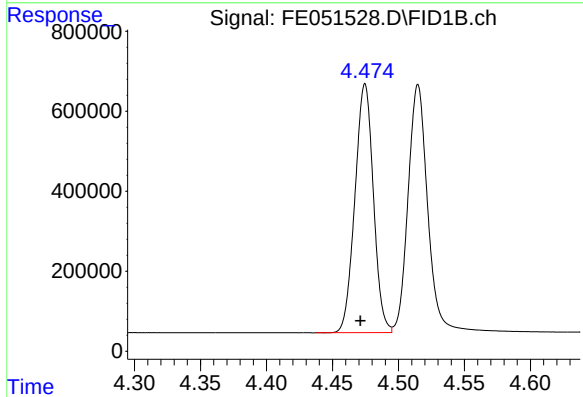
ClientSampleId :

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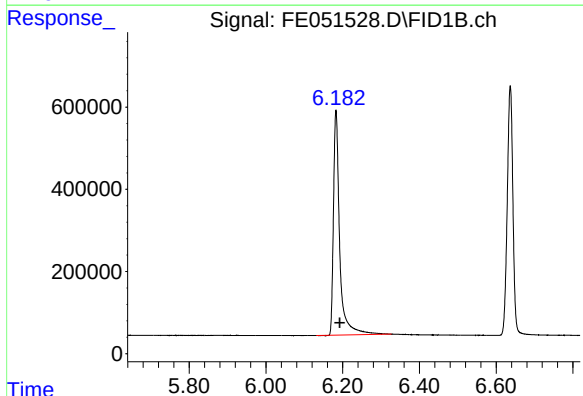
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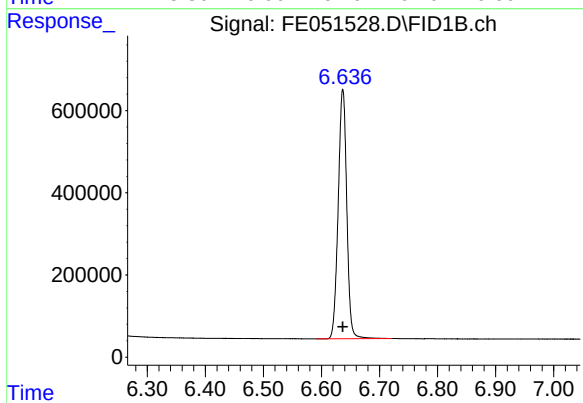
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.003 min
Response: 6053028
Conc: 42.68 ug/ml



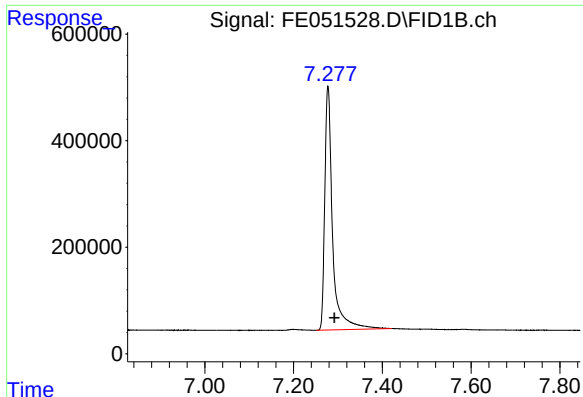
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: -0.010 min
Response: 6193545
Conc: 46.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 6214620
Conc: 43.66 ug/ml



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

R.T.: 7.278 min
Delta R.T.: -0.015 min
Response: 5618504
Conc: 46.83 ug/ml

Instrument :

FID_E

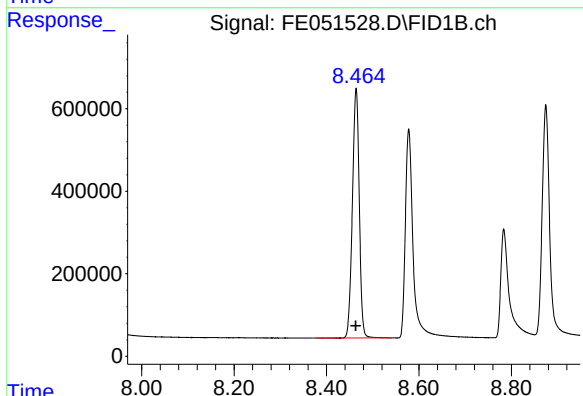
ClientSampleId :

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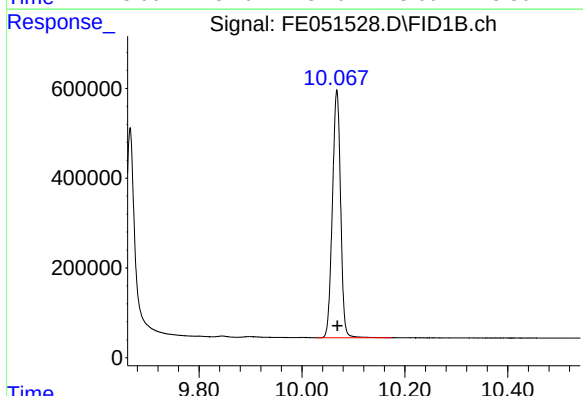
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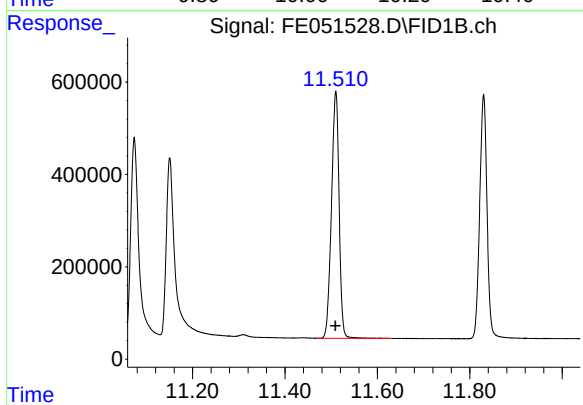
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: 0.000 min
Response: 6231652
Conc: 44.70 ug/ml



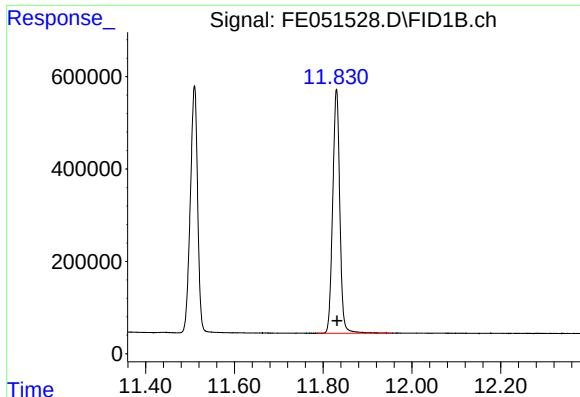
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: -0.002 min
Response: 6098029
Conc: 42.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 6123151
Conc: 42.61 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.001 min
Response: 5855872
Conc: 38.75 ug/ml

Instrument :

FID_E

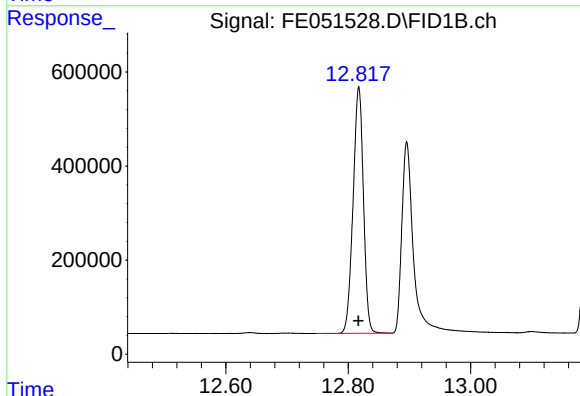
ClientSampleId :

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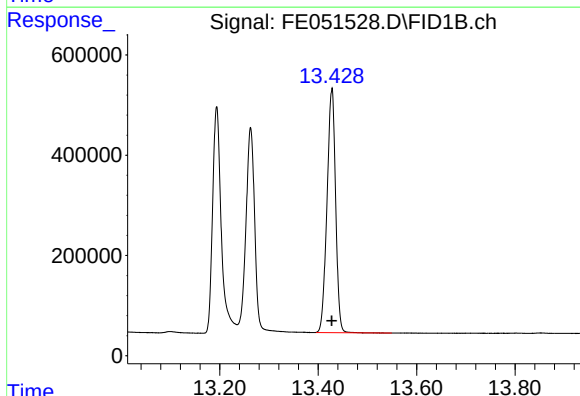
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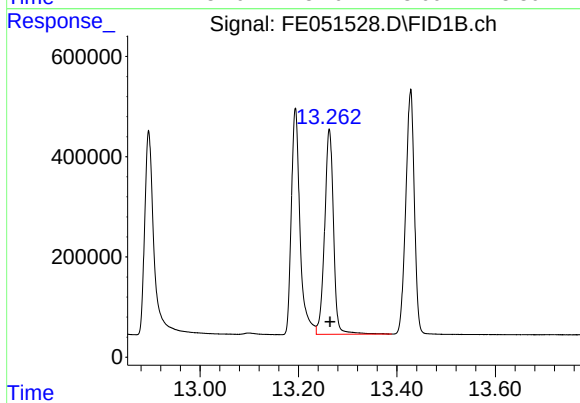
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 6150779
Conc: 44.56 ug/ml



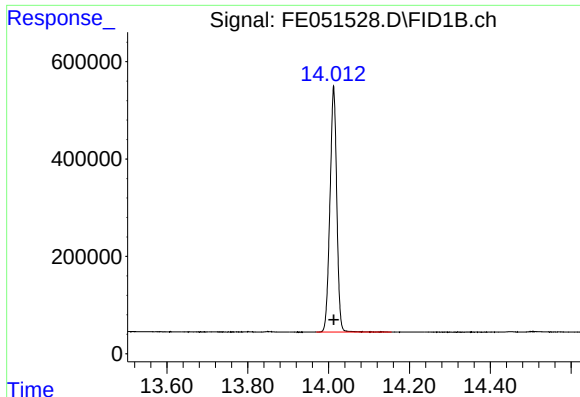
#11 n-Heneicosane (C21)

R.T.: 13.427 min
Delta R.T.: 0.000 min
Response: 5897567
Conc: 43.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.263 min
Delta R.T.: -0.002 min
Response: 5152085
Conc: 46.10 ug/ml



#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: -0.001 min
Response: 5870687
Conc: 43.84 ug/ml

Instrument :

FID_E

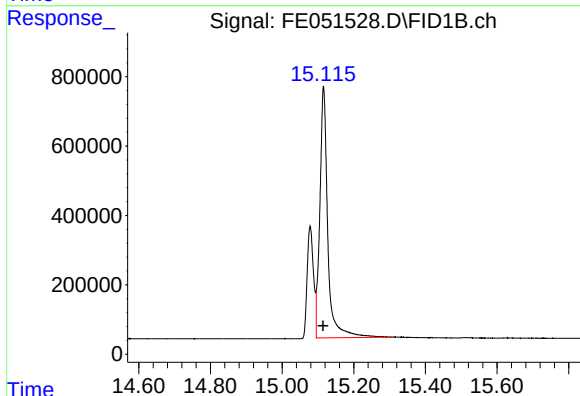
ClientSampleId :

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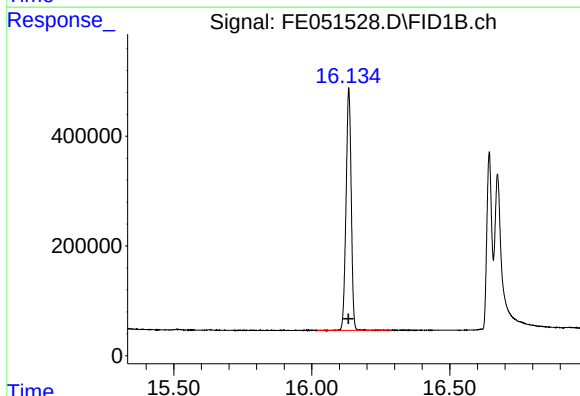
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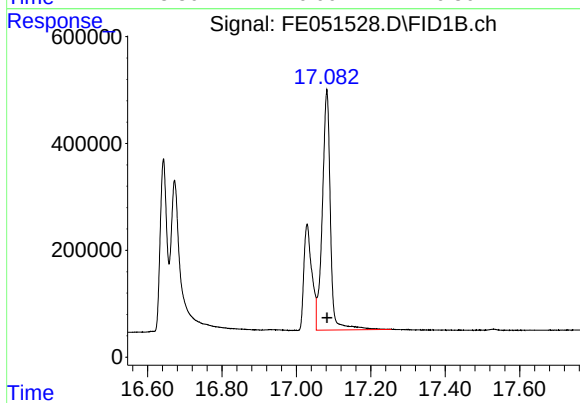
#14 n-Tetracosane (C24)

R.T.: 15.115 min
Delta R.T.: 0.000 min
Response: 11140894
Conc: 84.31 ug/ml m



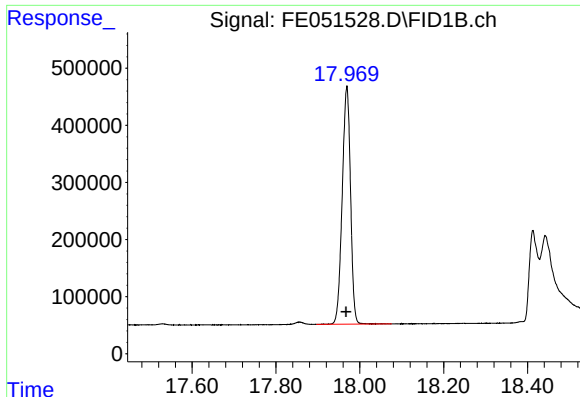
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: 0.000 min
Response: 5731175
Conc: 44.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.081 min
Delta R.T.: -0.001 min
Response: 6816856
Conc: 53.47 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.969 min
Delta R.T.: 0.001 min
Response: 5714750
Conc: 44.14 ug/ml

Instrument :

FID_E

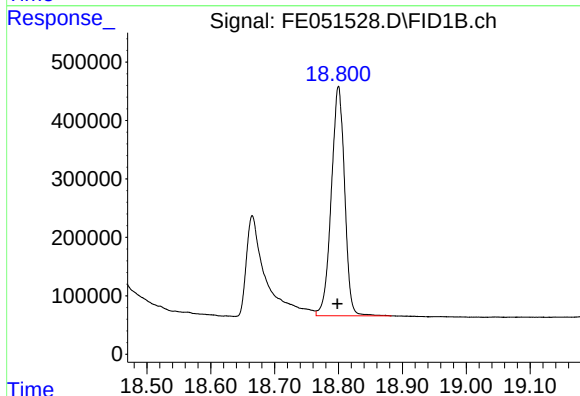
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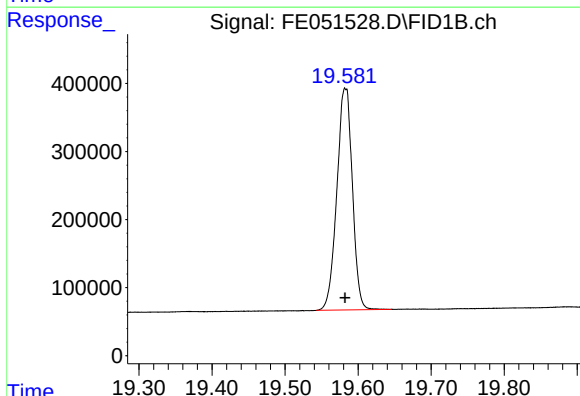
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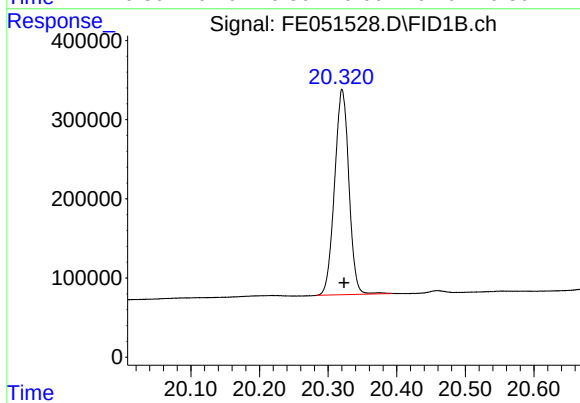
#18 n-Dotriacontane (C32)

R.T.: 18.800 min
Delta R.T.: 0.001 min
Response: 5687566
Conc: 45.43 ug/ml m



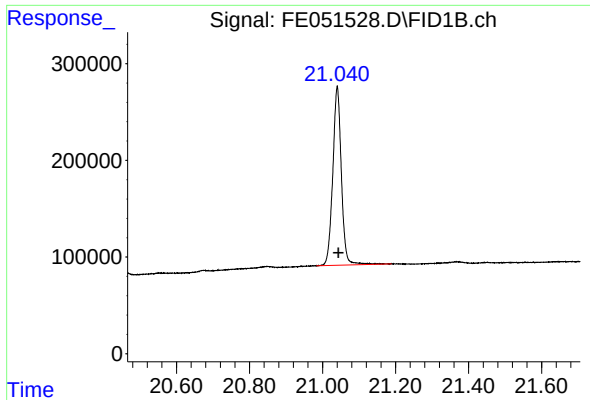
#19 n-Tetratriacontane (C34)

R.T.: 19.582 min
Delta R.T.: 0.000 min
Response: 4820529
Conc: 42.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.321 min
Delta R.T.: -0.003 min
Response: 3770857
Conc: 39.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.040 min
Delta R.T.: -0.003 min
Response: 3012715
Conc: 33.09 ug/ml

Instrument :

FID_E

ClientSampleId :

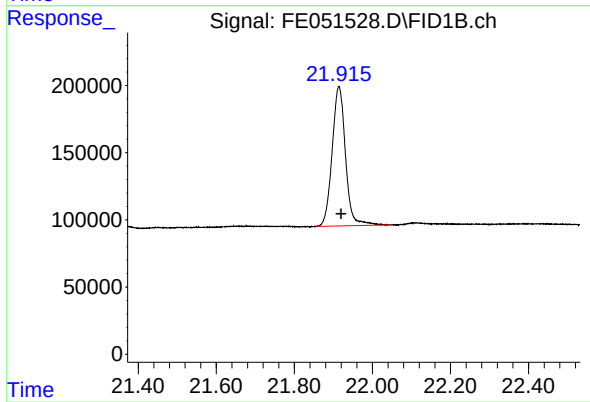
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#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: -0.005 min
Response: 2463880
Conc: 28.11 ug/ml