

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070622AL\
 Data File : FE036398.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2022 22:50
 Operator : YP\AJ
 Sample : N3589-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 C-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/07/2022
 Supervised By :Ankita Jodhani 07/07/2022

Integration File: sample.E
 Quant Time: Jul 07 04:02:22 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	6909034	34.581 ug/ml
Spiked Amount 50.000		Recovery =	69.16%
12) S 1-chlorooctadecane (S...	13.310	5609485	36.233 ug/ml
Spiked Amount 50.000		Recovery =	72.47%
Target Compounds			
1) T n-Nonane (C9)	3.264	6003957	33.381 ug/ml
2) T n-Decane (C10)	4.519	6650038	36.994 ug/ml
3) T A~Naphthalene (C11.7)	6.219	7923546	39.492 ug/ml
4) T n-Dodecane (C12)	6.684	7442045	40.179 ug/ml
5) T A~2-methylnaphthalene...	7.315	8084630	39.714 ug/ml
6) T n-Tetradecane (C14)	8.513	8123002	43.449 ug/ml
7) T n-Hexadecane (C16)	10.118	8964092	47.867 ug/ml
8) T n-Octadecane (C18)	11.560	9505338	51.092 ug/ml
10) T n-Eicosane (C20)	12.869	9172972	50.634 ug/ml
11) T n-Heneicosane (C21)	13.479	9024932	50.242 ug/ml
13) T n-Docosane (C22)	14.065	8885636	50.258 ug/ml
14) T n-Tetracosane (C24)	15.164	6324130	36.924 ug/mlm
15) T n-Hexacosane (C26)	16.189	8422060	50.975 ug/ml
16) T n-Octacosane (C28)	17.138	8268580	51.655 ug/ml
17) T n-Tricontane (C30)	18.028	8051034	52.002 ug/ml
18) T n-Dotriacontane (C32)	18.858	7996884	54.722 ug/ml
19) T n-Tetratriacontane (C34)	19.641	8124634	58.712 ug/ml
20) T n-Hexatriacontane (C36)	20.381	7828534	58.314 ug/ml
21) T n-Octatriacontane (C38)	21.111	7608895	57.214 ug/ml
22) T n-Tetracontane (C40)	22.003	8140524	58.219 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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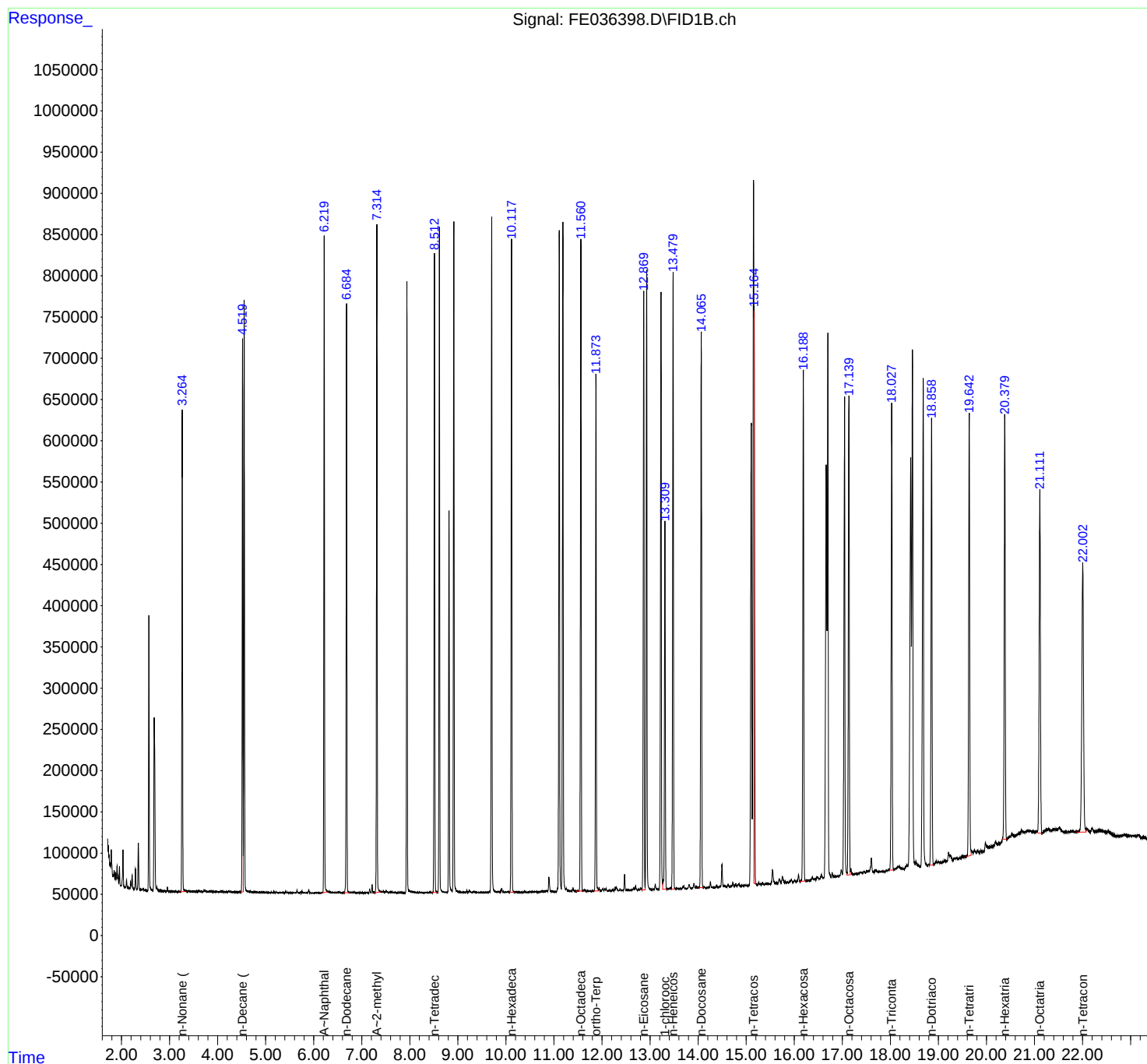
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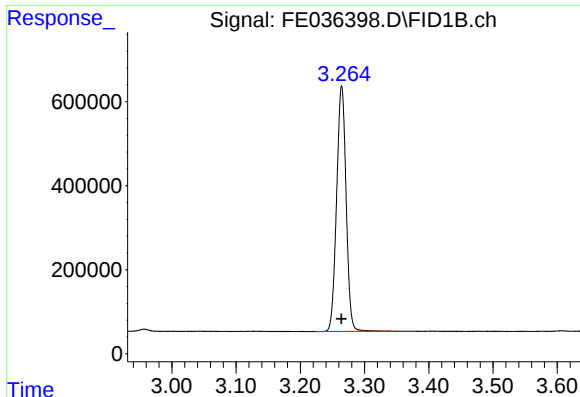
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#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 6003957
Conc: 33.38 ug/ml

Instrument :

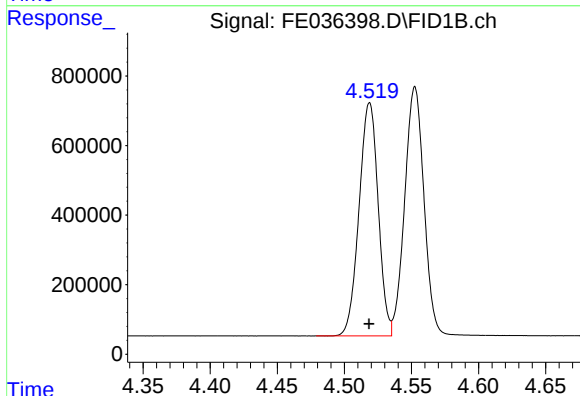
FID_E

ClientSampleId :

C-1MSD

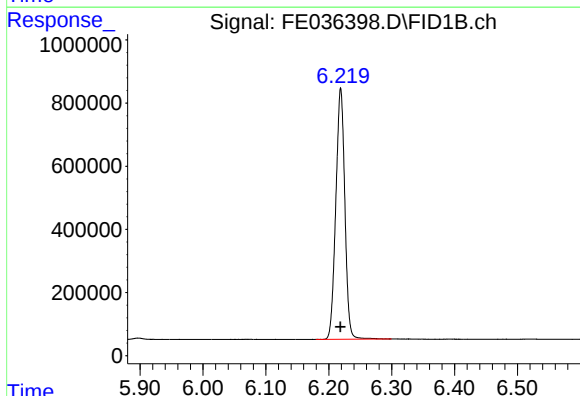
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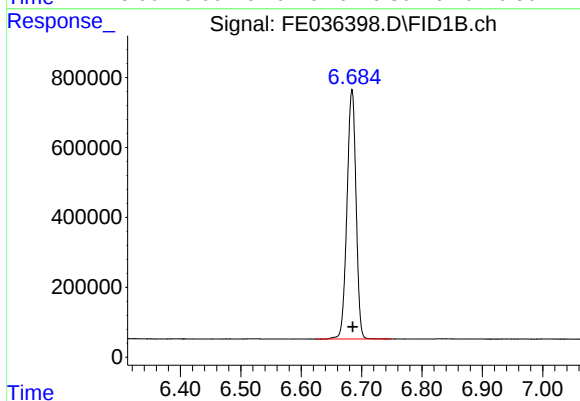
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 6650038
Conc: 36.99 ug/ml



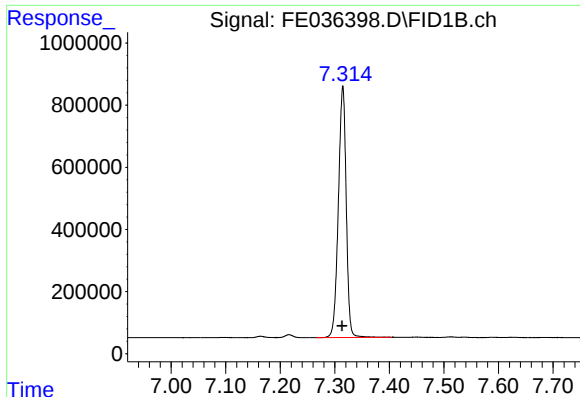
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 7923546
Conc: 39.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 7442045
Conc: 40.18 ug/ml



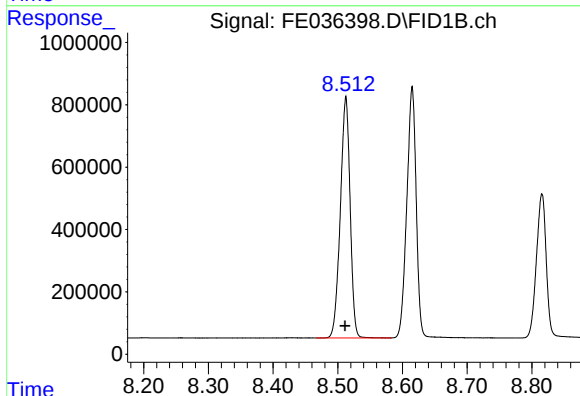
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.315 min
Delta R.T.: 0.002 min
Response: 8084630
Conc: 39.71 ug/ml

Instrument :
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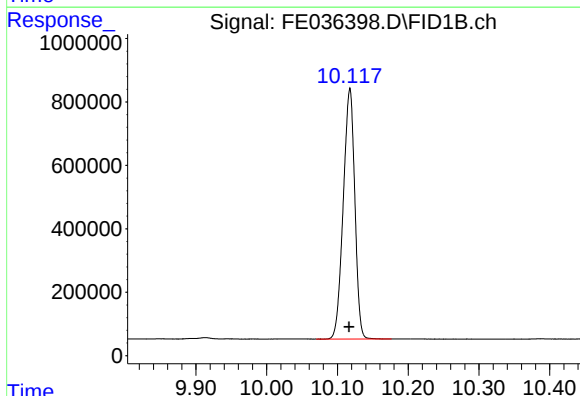
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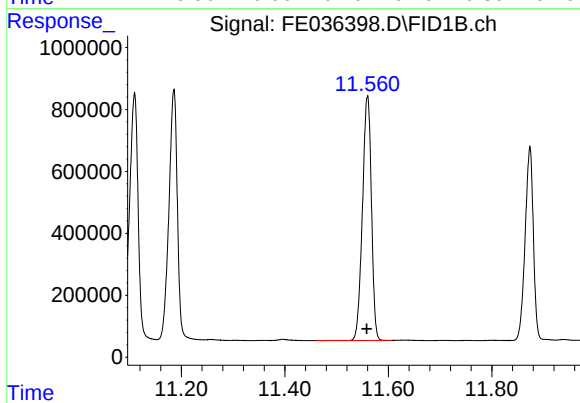
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.001 min
Response: 8123002
Conc: 43.45 ug/ml



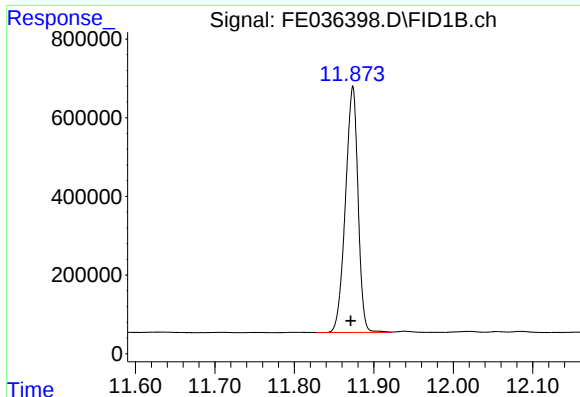
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.001 min
Response: 8964092
Conc: 47.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 9505338
Conc: 51.09 ug/ml



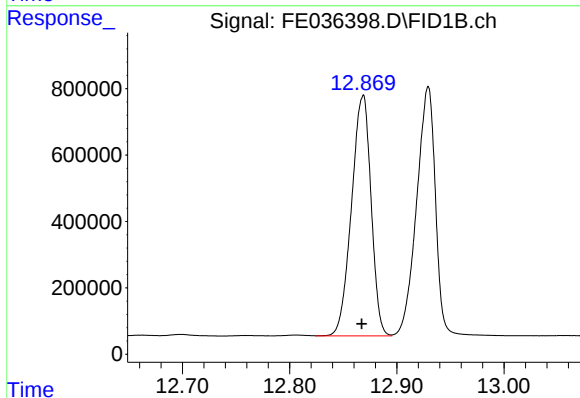
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: 0.003 min
Response: 6909034
Conc: 34.58 ug/ml

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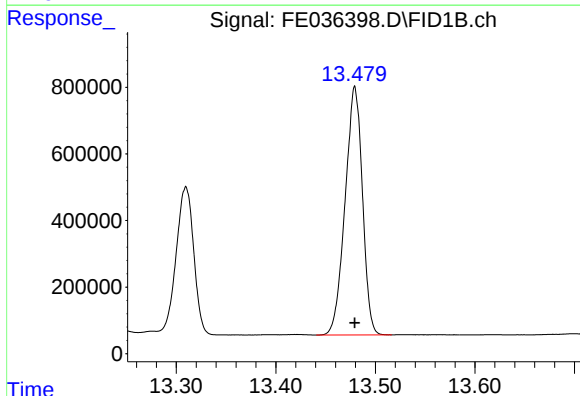
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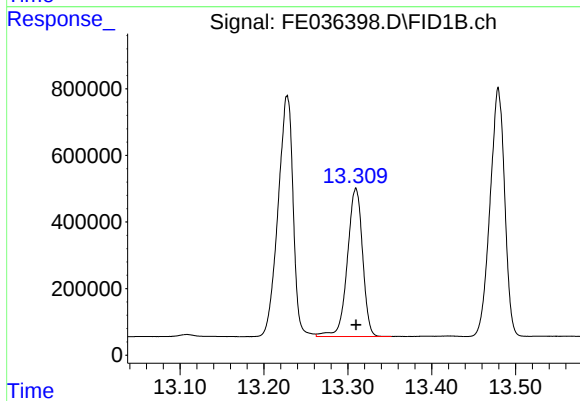
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: 0.001 min
Response: 9172972
Conc: 50.63 ug/ml



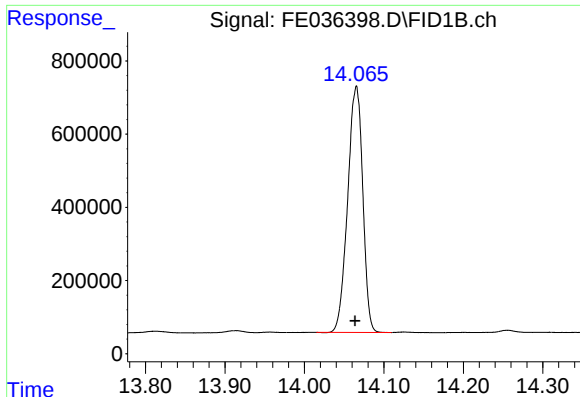
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.000 min
Response: 9024932
Conc: 50.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 5609485
Conc: 36.23 ug/ml



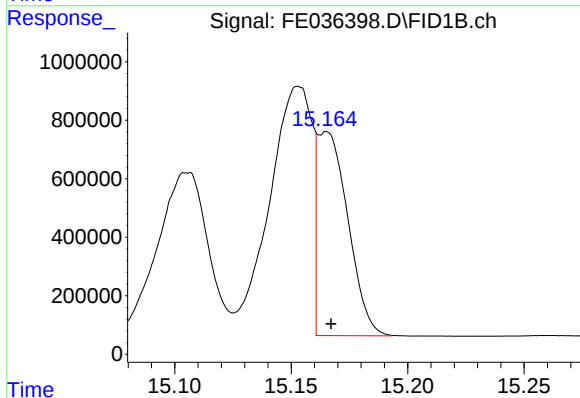
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: 0.001 min
Response: 8885636
Conc: 50.26 ug/ml

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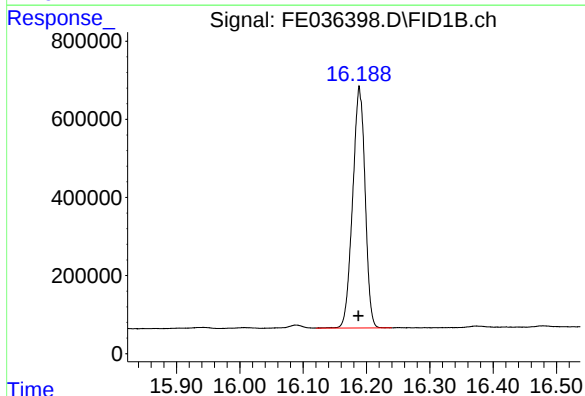
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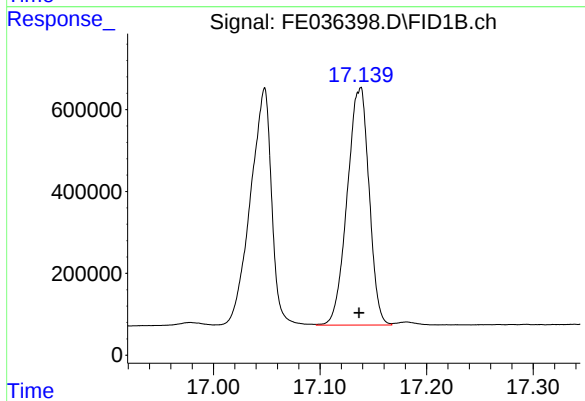
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: -0.003 min
Response: 6324130
Conc: 36.92 ug/ml m



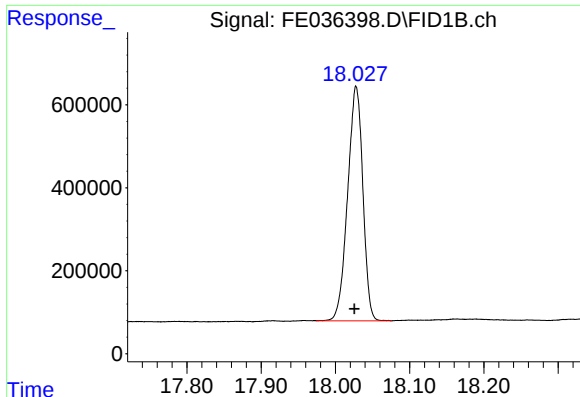
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.001 min
Response: 8422060
Conc: 50.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: 0.001 min
Response: 8268580
Conc: 51.65 ug/ml



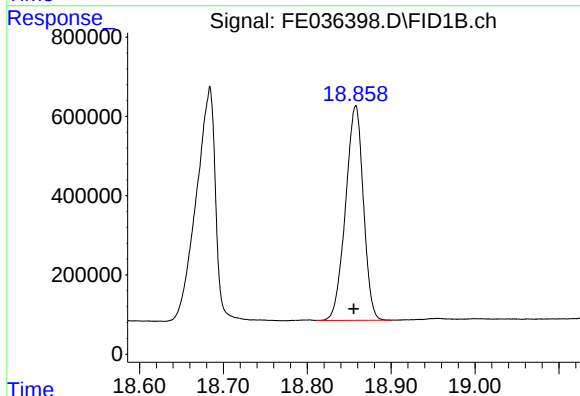
#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: 0.002 min
Response: 8051034
Conc: 52.00 ug/ml

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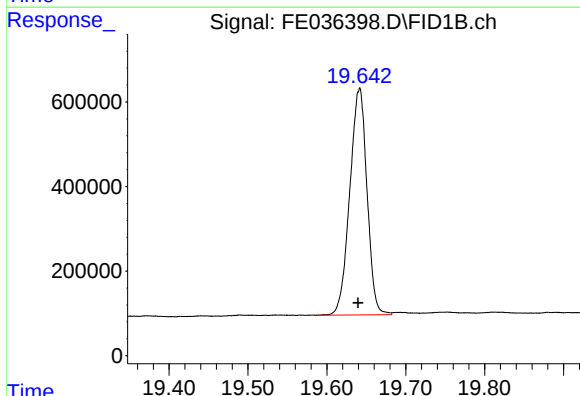
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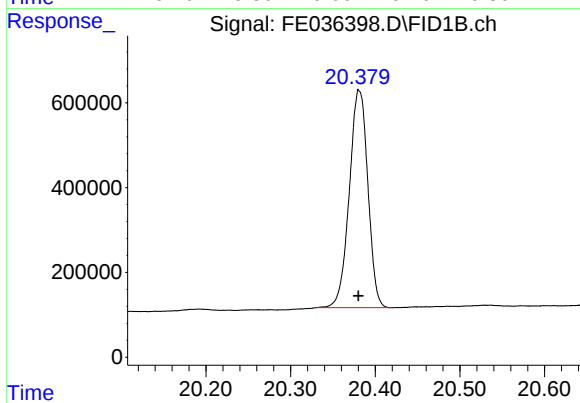
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: 0.002 min
Response: 7996884
Conc: 54.72 ug/ml



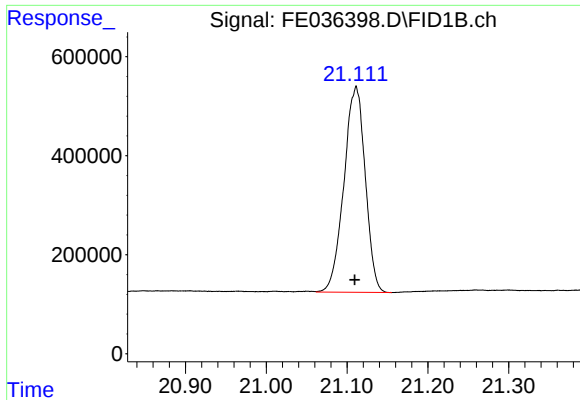
#19 n-Tetratriacontane (C34)

R.T.: 19.641 min
Delta R.T.: 0.002 min
Response: 8124634
Conc: 58.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: 0.000 min
Response: 7828534
Conc: 58.31 ug/ml



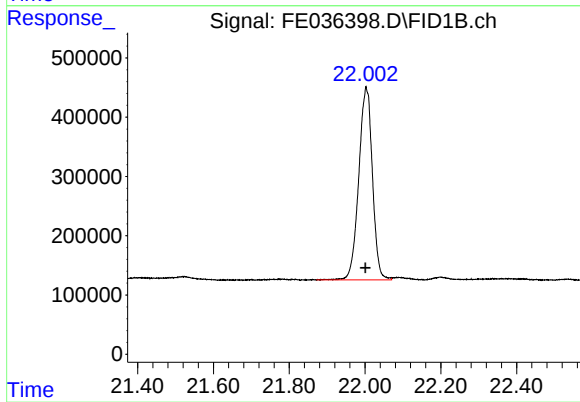
#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.002 min
Response: 7608895
Conc: 57.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: 0.002 min
Response: 8140524
Conc: 58.22 ug/ml